8 to 12 July 2014

Guimarães, Portugal

Hosted by

University of Minho
&
The International Consortium of Environmental History Organizations
SPONSORS OF WCEH 2014

University of Minho
City Council of Guimarães
American Society for Environmental History
Environmental Humanities Laboratory, Royal Swedish Institute of Technology
Forest History Society
Network in Canadian History and Environment (NiCHE)
Oxford University Press
Springer Publishers, Environmental History Series
Vila Flôr Cultural Centre (CCVF)
Institute of Design (ID)
Fraterna
Profitecla
Escola Profissional de Braga (EPB)
Central de Cervejas / Águas do Luso
Corticeira Amorim
Licor Beirão
Casa de Sezim
Fundação para a Ciência e Tecnologia (FCT)
Ordem Terceira de S. Francisco
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Ashgate
Berghahn Books
Bloomsbury Academic
Boydell & Brewer
Gazelle Book Services
Oxbow Books
Liverpool University Press
White Horse Press

Represented by Iberian Book Services.
WELCOME

Over the past few decades environmental history has earned a prominent place within the broad field of historical studies, reaching an unprecedented level of popularity and displaying immense academic variety and sophistication. It is therefore a pleasure to welcome all participants to ‘The Making of Environmental History’, the 2nd World Congress of Environmental History – a rare opportunity to share high-quality research emanating from very many countries across the globe and one that celebrates the international reach and richness of our discipline. This second congress builds on the success of the first that was held in 2009 in Copenhagen (Roskilde University) and Malmö (Malmö University) and that spawned the formal establishment of the International Consortium of Environmental History Organizations (ICEHO) with its headquarters in Durham, North Carolina, and a commitment to holding a world congress every five years.

In 2011 ICEHO was fortunate to receive a bid from Professor Antonio Cunha, Rector of the University of Minho, with strong support from Dr Ângela Mendonça, Chair of the International School Congress/International Workshop on Environmental History group to hold the second world congress in Guimarães, Portugal. Their proposal was accepted with delight. Thereafter many people at the University of Minho, especially Professor Estelita Vaz, Dean of the Faculty of Science and Chair of the Local Organising Committee, began the process of organizing the event and the city of Guimarães pledged its support from the outset. It was with regret that during the preliminary arrangements Ângela Mendonça resigned her position as International Chair owing to her ill health, and we take this opportunity to thank her for her initial enthusiasm and energy.

Under extremely difficult economic national and institutional circumstances Estelita Vaz has been unfailingly gracious and helpful, managing the local personnel together with the logistics and budget for the congress in a professional and dedicated manner. Professor Graeme Wynn has been an incomparably able Programme Chair, willingly accepting far greater responsibilities than he ever anticipated at the outset. To him and his team we are extremely grateful for the stimulating set of panels and papers that take environmental history forward into the future. Already there are plans with Springer Publishing to produce a volume (perhaps two) of selected papers from the congress. Professors Verena Winiwarter and Mauro Agnoletti have been stalwart, willing and capable members of the ICEHO Liaison Committee and we owe them a great deal.
With more than 500 presentations from almost every part of the planet, this World Congress offers a stimulating opportunity for scholars to communicate, collaborate, deliberate and exchange ideas around the wide-ranging theme of making environmental history. Welcome to WCEH 2014!

Jane Carruthers
President: ICEHO

The 2nd WCEH is about to start and we would like to take the time to welcome you all to the University of Minho and to the city of Guimarães in the North of Portugal.

We have been organising this conference over the last three years, and we must say that it was a pleasure to work with the city council and with colleagues from the University of Minho and other Portuguese universities. It has also been very rewarding to work with Prof. Jane Carruthers, the President of the ICEHO, with Prof. Verena Winiwarter and Prof. Mauro Agnoletti, the ICEHO Liaison Committee, and with Prof. Graeme Wynn, chair of the scientific committee. Prof Mauro Agnoletti was really helpful with the proceedings. These will become an edition of two refereed books by Springer Verlag.

Environmental history is a quite challenging area, attracting specialists from a wide variety of scientific fields such as natural sciences, engineering, architecture, history, archaeology, economics, social sciences and many more. The conference will certainly be quite stimulating for all the participants, who wish to contribute to the environmental history in the making.

We are indebted to Ângela Mendonça, who had the dream of bringing the conference to the University of Minho. We are grateful to Prof. Jane Carruthers, Prof. Verena Winiwarter and Prof. Mauro Agnoletti, who have chosen this university as partner to the project. We wish to thank all the colleagues who gave their contribution to the organization of the conference. We express our utmost gratitude to the city council of Guimarães, a wonderful long-time partner of the University of Minho. We thank all the sponsors of this conference.

We would like also to express special words of appreciation and gratitude to Prof. Mohan Munasinghe, Nobel Laureate in 2007, who accepted from the very beginning to brighten the conference with his expertise.
Starting now, environmental history will certainly be imprinted as a better structured field of research within Portugal, starting in the archaeological complex of Couros – an area that was recently renovated, as if it had (just) been waiting for you and this conference, the take off of the Portuguese Environmental History Net.

The city of Guimarães, UNESCO world heritage site, is now very keen on becoming a “green city” and will be thankful for your contributions and suggestions on making it possible.

We wish you all a very pleasant conference in Guimarães, with fruitful discussions and an enjoyable stay.

Estelita Vaz
Chair of the LOC
Dean of The School of Sciences

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Jacob Tropp, Middlebury College, USA

Graeme Wynn extends thanks to all members of the program committee for their work in evaluating proposals, and to Andreas Döring of Pharmaservice, suppliers of the Program Management software, who was unfailingly gracious and helpful.
Annual membership at various levels of subscription is open to all organizations that have an interest in environmental history. We welcome formal associations and societies, networks, research institutes, publishers, museums, professional bodies and University departments. Member organizations do not have to be solely focused on history nor on issues of environmental history to participate.

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Nature/History/Society Book Series (University of British Columbia Press)
La Sociedad Latinoamericana y Caribeña de Historia Ambiental (SOLCHA)
Irish Environmental History Network (IEHN)
CONGRESS VENUE

The congress is being held in the historic city of Guimarães, a UNESCO World Heritage Site and the 2012 European Capital of Culture.

GPS Coordinates
N 41.437198 (Latitude)  W 8.295522 (Longitude)

Contacts:

Telephone: 00351 253604390 (Faculty of Science)
Fax: 00351 253604398
EMail: wceh2014@ecum.uminho.pt
URL: http://www.ecum.uminho.pt

There are two congress venues:

Plenary sessions will be held at Vila Flôr Cultural Centre (also known as CCVF), a cultural and art facility with large auditorium, café and restaurant overlooking beautiful gardens. It is close to the restored Vila Flor Palace, an historic building constructed by the Carvalho family in the 17th century and decorated with statues of early kings of Portugal.

Panels, meetings and exhibitions will be held at the Instituto de Design (Design Institute), University of Minho. There is a large central space and the postgraduate centre with its meeting rooms (also known as the Centro Formação Pós Graduada, or CFPG) is nearby. The Institute forms part of the old Ramada factory in the leather district. This is a restored building of great heritage value related to the environmental history of Guimarães as a leading leather producer in previous centuries.

Practical Matters:
All rooms are equipped with AV facilities including a dedicated computer with MSWord software, including Powerpoint. Keynote and other presentation software is NOT supported. If you are using a software program other than Powerpoint, please provide your own computer or tablet (and necessary cables), or (riskier) make use of the wifi capability in each room.

Presentations in sessions without commentators should occupy NO MORE THAN 18 minutes (allowing two minutes for questions immediately thereafter). Presentations in sessions with commentators are 20 minutes in duration. PLEASE ADHERE to these schedules to allow people to move between sessions.

For further details please refer to the detailed programme.
# Programme

## 07.07.2014

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<th>Event Description</th>
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<td>14:30 – 17:30</td>
<td>CFPG Foyer</td>
<td>Open Registration</td>
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## 08.07.2014

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<td>Vila Flor Exhibition space</td>
<td>Registration will be open in foyer 0800–1030</td>
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<tr>
<td>09:00 – 10:30</td>
<td>MA (VFGA)</td>
<td>Opening Ceremony</td>
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<td>10:30 – 11:00</td>
<td>Vila Flor Exhibition space</td>
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<tr>
<td>11:00 – 12:30</td>
<td>MA (VFGA)</td>
<td>Opening Plenary</td>
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<tr>
<td>11:00 – 11:10</td>
<td>Introduction – TBA</td>
<td>John McNeill, University of Georgetown, Washington D.C., United States</td>
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<td>11:10 – 11:55</td>
<td>Opening Plenary: &quot;Learning from History to Envision a Sustainable Global Future&quot;</td>
<td>Mohan Munasinghe, Sri Lanka</td>
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<td>12:30 – 14:00</td>
<td>CFPG Foyer</td>
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<tr>
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<td>CO-02 (CFPG)</td>
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<tr>
<td>14:00 – 14:05</td>
<td>Introduction</td>
<td>Inês Amorim, University of Porto, Faculty of Humanities/CITCEM, Porto, Portugal</td>
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<tr>
<td>14:05 – 14:25</td>
<td>A1</td>
<td>Controlling the Sea – Between Exploitation and Regeneration: Resource Management,</td>
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<td>Knowledge and Science</td>
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<td></td>
<td>Inês Amorim</td>
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<tr>
<td>Time</td>
<td>Panel</td>
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<tr>
<td>14:25 – 14:45</td>
<td>A2</td>
<td>Despised Resources, Unveiled Economies: Economic and Social Value of Wetlands and Riverine Resources</td>
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<td>14:45 – 15:05</td>
<td>A3</td>
<td>Climate Reconstruction and Simulation in Portugal (1675-1900)-contributions to a European Climate History</td>
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<tr>
<td>14:00 – 15:30</td>
<td>CO-03</td>
<td>Accepted panel</td>
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<td>14:00 – 14:30</td>
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<td><strong>Fluvial Histories of British Rivers</strong></td>
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<tr>
<td>14:00 – 14:30</td>
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<td>Organizer: Peter Coates, University of Bristol, Bristol, United Kingdom</td>
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<tr>
<td>14:05 – 14:25</td>
<td></td>
<td><strong>Introduction</strong></td>
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<td>14:25 – 14:45</td>
<td>A5</td>
<td>Uses and Abuses of the River Tyne since c. 1500</td>
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<td>14:45 – 15:05</td>
<td>A6</td>
<td>With the Tide and against the Flow: The Severn Bore. Crafting the History of River Wave</td>
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<td>15:05 – 15:25</td>
<td>A7</td>
<td>Salmon-Scapes on Two Kingly Rivers of the ‘King of Fish’</td>
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<td>14:00 – 15:30</td>
<td>CO-04</td>
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<td><strong>Beyond Texts and Archives: Experiments with New Sources and Methods in Environmental History</strong></td>
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<tr>
<td>14:00 – 15:30</td>
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<td>Chair: Joanna Dean, Carleton University, Ottawa, Canada</td>
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<tr>
<td>14:00 – 15:30</td>
<td>A9</td>
<td><strong>Beyond Texts and Archives: Experiments with New Sources and Methods in Environmental History</strong></td>
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<td></td>
<td><strong>The Environmental Effects of War</strong></td>
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<tr>
<td>Time</td>
<td>Session</td>
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<tr>
<td>14:00 – 14:05</td>
<td><strong>Introduction</strong></td>
<td>Matthew Evenden, University of British Columbia, Vancouver, Canada</td>
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<td>14:05 – 14:25</td>
<td>A10</td>
<td><strong>The Struggle for the Brazilian Amazon during World War II</strong></td>
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<td>14:45 – 15:05</td>
<td>A12</td>
<td><strong>A Balancing Act: Assessing the Environmental Impact of Fortification Building in the Dutch Republic</strong></td>
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<td>A13</td>
<td><strong>Reconstructing the British Isles: Environment and Society Following the Great War (1914-1918) and Irish Revolution (1916-1923)</strong></td>
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<td>Composed panel</td>
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<td>14:00 – 14:05</td>
<td><strong>Introduction</strong></td>
<td>Tom Brooking, University of Otago, Dunedin, New Zealand</td>
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<td>14:05 – 14:25</td>
<td>A14</td>
<td><strong>'I Bring the Whirlwind': The Ghost Dance Gospels of 1890 and The Environmental History of an American Indian Religion</strong></td>
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<td>14:25 – 14:45</td>
<td>A15</td>
<td><strong>Religion as a Tool of Protecting Environment: A Study of Hindu Symbolism and Rituals</strong></td>
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<td>A16</td>
<td><strong>Climate, Meteorological Observations and Environment. A Thematic Focus on History of Meteorology (Portugal 1779-1820)</strong></td>
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<td><strong>C1-01 (CFPG)</strong></td>
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<td>14:00 – 14:05</td>
<td><strong>Introduction</strong></td>
<td>Harriet Ritvo, Massachusetts Institute of Technology, Cambridge, United States</td>
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<td>14:05 – 14:25</td>
<td>A18</td>
<td><strong>&quot;But what Silence! No More Gazelles...&quot;: Historical and Contemporary Occurrence of Mammals in Lesotho, Southern Africa</strong></td>
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14:25 – 14:45  A19  Elephants as Historical Actors? Human-elephant Relations in Southwest China
Michael Mathaway
Simon Fraser University, Burnaby, Canada

14:45 – 15:05  A20  Tanner and the Reindeer – inter-species Encounters and Conceptualizations of People on the Basis of Rangifer tarandus
Jukka Nyyssönen
University of Tromsø, Tromsø University Museum, Tromsø, Norway

15:05 – 15:25  A21  Lions as Predators, Lions as Protectors and Lions as Commodities: Evolving Understandings of Human-wildlife Relationships in Maasailand, Kenya
Joana Roque de Pinho 1,2
1Instituto Superior de Ciencias Sociais e Politicas, Grupo de Sociedade, Comunicação e Cultura, Centro de Administração e Políticas Publicas, Lisbon, Portugal, 2Colorado State University, Natural Resource Ecology Laboratory, Fort Collins, United States

14:00 – 15:30  C1-03 (CFPG) Accepted panel
George Perkiins Marsh´s Man and Nature at 150: I
Organizer: David Lowenthal, University College London, London, United Kingdom
Chair: Marcus Hall, University of Zurich, Zurich, Switzerland

14:00 – 14:05  Introduction
David Lowenthal, University College London, London, United Kingdom

14:05 – 14:25  A22  Missing the Point: Marsh & the Strange Career of a Metaphor
Jan Dizard
Amherst College, Amherst, United States

14:25 – 14:45  A23  Man and Nature’s False Doppelgänger
Kenneth R. Olwig
The Swedish University of Agricultural Sciences, Alnarp, Sweden

14:45 – 15:05  A24  Man and Nature Today: Old Hat or Safety Helmet?
David Lowenthal
University College London, London, United Kingdom

15:05 – 15:15  Commentary
Daniel Gade, University of Vermont, Burlington, United States

14:00 – 15:30  CO-30 (CFPG) Accepted panel
Around Dangerous Trade,: New Research on the Labor/Environment Intersection in the Post-world War II Era
Organizer: Stefania Barca, University of Coimbra, Coimbra, Portugal
Chair: Angus Wright, California State University, Sacramento, United States

14:00 – 14:05  Introduction
Angus Wright, California State University, Sacramento, United States

14:05 – 14:25  A25  “To Defend Worker’s Interests Both Inside and Outside Workplaces” Labor Union’s Opposition to Industrial Pollution in a Popular District of Lyon, 1944-1980
Renaud Becot
Centre Maurice Halbwachs, Paris, France

Pablo Broto Corral
Centre Maurice Halbwachs, Paris, France
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<th>Speaker(s)</th>
<th>Institution(s)</th>
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<td>A27</td>
<td>Labouring the Amazon. The ´Extractive Reserve´ Experience, from Chico Mendes to Present</td>
<td>Felipe Milanez Pereira</td>
<td>University of Coimbra, Center for Social Studies, Coimbra, Portugal</td>
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<td>15:05 – 15:25</td>
<td>A28</td>
<td>Asbestos Town. Work, Environment and Public Health in a Brazilian Mining Community (1960s to Present)</td>
<td>Lays Helena Pais e Silva</td>
<td>University of Coimbra, Center for Social Studies, Coimbra, Portugal</td>
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<td>15:30 – 16:00</td>
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<td>Coffee Break — CFPG</td>
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<td>16:00 – 17:30</td>
<td>CO-02 (CFPG)</td>
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<td>16:00 – 16:05</td>
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<td>Introduction</td>
<td>Eduardo Beira, Universidade do Minho, Braga, Portugal</td>
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<td>16:05 – 16:21</td>
<td>A29</td>
<td>Narratives from an Isolated Region: Population and Commodity Dynamics of a Rural Hinterland</td>
<td>Anne E.C. McCants</td>
<td>Massachusetts Institute of Technology, History, Cambridge, United States</td>
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<td>16:53 – 17:09</td>
<td>A32</td>
<td>Landscape Evolution in the Tua Valley: 150 Years of Natural and Cultural Changes, a Historical GIS Approach</td>
<td>António Vieira</td>
<td>Universidade do Minho, Geography, Braga, Portugal</td>
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<td>17:09 – 17:19</td>
<td></td>
<td>Commentary</td>
<td>Robert Schwartz, Mount Holyoke College, South Hadley, United States</td>
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<td>16:00 – 17:30</td>
<td>CO-03 (CFPG)</td>
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<td>16:00 – 16:05</td>
<td></td>
<td>Introduction</td>
<td>Nicolas Maughan, Aix-Marseille University, Marseilles, France</td>
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<td>16:05 – 16:25</td>
<td>A33</td>
<td>Wetlands and Colonialism in Mozambique: The Case of the Machongos of Inhambane, c. 1890 – c. 1940</td>
<td>Bárbara Direito</td>
<td>Instituto de História Contemporânea, Universidade Nova de Lisboa, Lisboa, Portugal</td>
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<td>16:25 – 16:45</td>
<td>A34</td>
<td>Amphibious Cultures. Adaptations to Living in Wetlands along the Rhine (Netherlands) and the Red River (Vietnam)</td>
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</tbody>
</table>
16:45 – 17:05  A35  Wetlands and Woodlands: Interactions around the Thames Estuary (SE England) in the Middle Ages
Jim Galloway1,2
1Independent Scholar, Co Carlow, Ireland, 2Institute of Historical Research, London, United Kingdom

17:05 – 17:25  A36  Nature and Society as Competing or Complementary Engines of Environmental Change: The Case of the Forth Estuary, Scotland
Mairi Stewart
University of the Highlands and Islands, Centre for History, Aberfeldy, United Kingdom

16:00 – 17:30  CO-04 (CFPG)
Accepted panel

Changing Baselines
Organizer: Anna Wilson, Australian Research Centre for Urban Ecology, Melbourne, Australia
Chair: Joslin Moore, Royal Botanic Gardens Melbourne, Melbourne, Australia

16:05 – 16:05  Introduction
Joslin Moore, Royal Botanic Gardens Melbourne, Melbourne, Australia

16:05 – 16:25  A37  Shifting Baselines
Peter S. Alagona
University of California Santa Barbara, Santa Barbara, United States

16:25 – 16:45  A38  Adapting to Place: The Domestication of Ornamental Plants and Perceptions of the Past
Anna Wilson1,2, Joslin Moore1
1Australian Research Centre for Urban Ecology, Melbourne, Australia, 2Australian National University, Fenner School of Environment and Society, Canberra, Australia

16:45 – 17:05  A39  Swamps to Saviors: Changing Perceptions of Mangroves over a Century
Fiona Wilmot
Texas A&M University, College Station, United States

17:05 – 17:25  A40  Historians, Biologists and the Problem of Defining who is Threatened by Climate Change
Julia A. Thomas
University of Notre Dame, History, Notre Dame, United States

16:00 – 17:30  CO-05 (CFPG)
Composed panel

Environmental Hazards of War
Chair: Kathleen Brosnan, University of Oklahoma, Norman, United States

16:05 – 16:05  Introduction
Kathleen Brosnan, University of Oklahoma, Norman, United States

16:05 – 16:25  A41  The Water Wolf and the Dogs of War: Environmental Warfare during the Late 16th Century Dutch Revolt
Emmanuel Kreike
Princeton University, History, Princeton, United States

16:25 – 16:45  A42  World On Fire: Napalm and Nature in the Global Cold War
Edwin A. Martin
Western Michigan University, History, Kalamazoo, United States

16:45 – 17:05  A43  Health Physics: Uncertainty and the Taint Inside
Linda M. Richards
Oregon State University, History, Corvallis, United States
16:00 – 17:30 C1-05 (CFPG)
Accepted panel

**Perceiving and Experiencing Climate Change in the Old and New Worlds.**
Organizer: Bradley Skopyk, York University, Toronto, Canada
Chair: Richard Hoffmann, York University, Toronto, Canada

16:00 – 16:05
**Introduction**
Richard Hoffmann, York University, Toronto, Canada

16:05 – 16:25 A44
**Was a Sad Tale Best for Winter? Shakespearean Theater and the Culture of the Little Ice Age**
Sam White
Ohio State University, Columbus, United States

16:25 – 16:45 A45
**A Good Place to Break with the Astrologers: Seventeenth-century Mexico and the Climate of the Colonial Periphery**
Bradley Skopyk
York University, Toronto, Canada

16:45 – 17:05 A46
**“Such Freezing None Could Remember:” Conceptions of Climate Change in the Dutch Republic**
Dagomar Degroot
York University, Toronto, Canada

17:05 – 17:25 A47
**Mercurial Relations: Climate Change and Indigenous Resistance on Dutch Curacao, 1642-1645**
Nicholas J. Cunigan
University of Kansas, History, Lawrence, United States

16:00 – 17:30 C1-03 (CFPG)
Roundtable

**China’s Environmental History: Perspectives from within and without**
Organizer: Shen Hou, Renmin University of China, Beijing, China
Chair: Christof Mauch, Rachel Carson Center for Environment and Society, Munich

16:00 – 17:30 A48
**China’s Environmental History: Perspectives from within and without**
Shen Hou, Christof Mauch, Lihua Wang, Mingfang Xia, Guorong Gao, Donald Worster, Hua-Pi Tseng, Stefania Barca
1Renmin University of China, Center for Ecological History, Beijing, China, 2Rachel Carson Center for Environment and Society, Munich, Germany, 3Nankai University, Tianjin, China, 4Institute for World History, Chinese Academy of Social Sciences, Beijing, China, 5University of Kansas, Lawrence, United States, 6National Chiao Tung University, Xinzhu, Taiwan, Republic of China, 7Universidade de Coimbra, Coimbra, Portugal

16:00 – 17:30 C1-05 (CFPG)
Accepted panel

**George Perkins Marsh’s Man and Nature at 150: II**
Organizer: David Lowenthal, University College London, London, United Kingdom
Chair: Jan Dizard, Amherst College, Amherst, United States

16:00 – 16:05
**Introduction**
David Lowenthal, University College London, London, United Kingdom

16:05 – 16:25 A49
**Man and Nature is Congregational—Conservation is Presbyterian: How Denominational Influences Shaped American Conservation History**
Mark Stoll
Texas Tech University, Lubbock, United States

16:25 – 16:45 A50
**George Perkins Marsh: Intellectual Curiosity and the History of Environmental Ideas**
Daniel W. Gade
University of Vermont, Burlington, United States

16:45 – 17:05 A51
**”Nothing Small in Nature”: Histories of Global Change from George Marsh to Lynn Margulis**
Marcus Hall
University of Zurich, Zurich, Switzerland
17:05 – 17:25 A52 Deforesting Eden: Forest Policy and Practice in Tasmania 1850-1900
Stefan Petrow
University of Tasmania, School of Humanities, Hobart, Australia

17:25 – 17:30 Commentary
David Lowenthal, University College London, London, United Kingdom

16:00 – 17:30 CO-30 (CFPG)
Accepted panel

Unmaking Modernity: Ecologies of Terrorism, Total War, Deconstruction and Disaster

Organizer: Ian Miller, Harvard University, Cambridge, United States
Chair: Brett Walker, Montana State University, Bozeman, Bozeman, United States

16:00 – 16:05 Introduction
Brett Walker, Montana State University, Bozeman, Bozeman, United States

16:05 – 16:25 A53 An Environmental History of Terrorism: Bodies and the Ecologies of Terror
Brett L. Walker
Montana State University, Bozeman, Department of History & Philosophy, Bozeman, United States

16:25 – 16:45 A54 The Tyranny of Calories: Total War and the Unmaking of the Japanese Imperial Subject
Ian J. Miller
Harvard University, History, Cambridge, United States

16:45 – 17:05 A55 High Modern Monsters: Godzilla, Urban Monuments, and Postwar Japan’s Environmental Imaginary
William M. Tsutsui
Harvard University, History, Cambridge, United States

Janet Ore
Colorado State University, Department of History, Fort Collins, United States

19:00 – 20:30 City Council Building
Social event
Icebreaker Reception

09.07.2014

09:00 – 10:30 CO-02 (CFPG)
Accepted panel

Unsettling Crosby’s Euro-centered Columbian Exchange I: Old World Tropical Actors & Agencies in Remaking the Atlantic World

Organizer: Kent Mathewson, Louisiana State University, Baton Rouge, United States
Chair: Judith Carney, UCLA, Los Angeles, United States

09:00 – 09:05 Introduction
Judith Carney, UCLA, Los Angeles, United States

09:05 – 09:25 A57 African Crops in the Environmental History of New World Plantation Societies
Judith Carney
UCLA, Geography, Los Angeles, United States

09:25 – 09:45 A58 Race and Class in the Diffusion of Cannabis in the Atlantic World (1200s-1900s)
Chris S. Duvall
University of New Mexico, Geography & Environmental Studies, Albuquerque, United States
09:45 – 10:05  A59  The Geography of Moqueca: Maroons, Mangroves and Resistance in the South Atlantic
Case Watkins
Louisiana State University, Geography & Anthropology, Baton Rouge, United States

10:05 – 10:15  Discussion
Gregg Mitman, University of Wisconsin – Madison, Madison, United States

09:00 – 10:30  CO-03 (CFPG)
Accepted panel

Political Neutrality and Natural Resources: Sweden’s and Switzerland’s Role in Global Resource Colonialism
Organizer: Per Högselius, KTH Royal Institute of Technology, Stockholm, Sweden
Chair: Corey Ross, University of Birmingham, Birmingham, United Kingdom

09:00 – 09:05  Introduction
Corey Ross, University of Birmingham, Birmingham, United Kingdom

Per Högselius
KTH Royal Institute of Technology, Stockholm, Sweden

09:25 – 09:45  A61  Foreign Policy and Natural Resources: Swedish Neutrality from an Environmental History Perspective
Dag Avango, David Nilsson
KTH Royal Institute of Technology, Stockholm, Sweden

09:45 – 10:05  A62  Global Business and Local Politics: Transit Trade with Natural Resources in Switzerland
Lea Haller
ETH Zurich, Zurich, Switzerland

10:05 – 10:15  Commentary
Paul Warde, University of East Anglia, Norwich, United Kingdom

09:00 – 10:30  CO-04 (CFPG)
Accepted panel

Aquacultures: Promises, Practices, Problems, I
Organizer: Richard Hoffmann, York University, Toronto, Canada
Chair: Christopher Morris, University of Texas at Arlington, Arlington, United States

09:00 – 09:05  Introduction
Christopher Morris, University of Texas at Arlington, Arlington, United States

09:05 – 09:25  A63  Domesticating Common Carp in Medieval Europe
Richard C. Hoffmann
York University, History, Toronto, Canada

09:25 – 09:45  A64  From Artificial Feeding to Natural Forage: Fish Cultivation in River Channels of the Shaoxing Plain, China, since the 16th Century
Yushang Li
Shanghai Jiao Tong University, Department of History, School of Humanities, Shanghai, China

09:45 – 10:05  A65  Salmon Aquaculture in Europe and North America: Global Industry, Local Impacts
Stephen Bocking
Trent University, Environmental and Resource Science/Studies Program, Peterborough, Canada

10:05 – 10:15  Commentary
Gertrud Haidvogl, University of Natural Resources and Life Sciences, Vienna, Wien, Austria

09:00 – 10:30  CO-05 (CFPG)
Composed panel
Ecological Histories
Chair: Mahong Bao, Peking University, China

09:00 – 09:05
Introduction
Mahong Bao, Peking University, China

09:05 – 09:25 A66
Eco-fusion of Alien and Native as a New Conceptual Framework for Historical Ecology
Ian D. Rotherham1,2
1Sheffield Hallam University, Department of the Natural and Built Environment, Sheffield, United Kingdom, 2Biodiversity & Landscape History Research Institute, Sheffield, United Kingdom

09:25 – 09:45 A67
A Time Capsule: The Pre-historical Presence of Sweet Potato on a Coastal Island of Rio de Janeiro, Brazil
Rogério R. de Oliveira1, Massimo G. Bovini2, Rita M. Scheel-Ybert3
1Pontifícia Universidade Católica do Rio de Janeiro, Centro de Ciência Sociais, Geografia, Rio de Janeiro, Brazil, 2Instituto de Pesquisas Jardim Botânico do Rio de Janeiro, Seção de Botânica Sistemática, Rio de Janeiro, Brazil, 3Museu Nacional, UFRJ, Departamento de Antropología, Rio de Janeiro, Brazil

09:45 – 10:05 A68
Modeling Fish Communities for Assessing Past Ecological Status of Watercourses
Sarah Beslagic1, Laurence Lestel1, Jérôme Belliard2
1Pierre and Marie Curie University, Paris, France, 2IRSTEA, Antony, France

10:05 – 10:25 A69
Bison, Storks and Misfits from the Polish Primeval Forest: The Underlaborers of Ecology in Bialowiesa
Eunicie L. Blavascunas1,2
1Rachel Carson Center for Environment and Society, Munich, Germany, 2College of the Atlantic, Bar Harbor, United States

09:00 – 10:30 C1-05 (CFPG)
Accepted panel

Transforming Nature: Modernity, Science and Ideology I
Organizer: Doubravka Olsakova, Institute of Contemporary History, Prague, Czech Republic

09:00 – 09:05
Introduction
Doubravka Olsakova, Institute of Contemporary History, Prague, Czech Republic

09:05 – 09:25 A70
Changing Epistémé: Transition from Traditional Forest Use to Modern Forestry in Bohemia
Jiri Woitsch
Institute of Ethnology, Academy of Sciences of the Czech Republic, Prague, Czech Republic

09:25 – 09:45 A71
Good Fisheries vs. Bad Fisheries: Ideological and Scientific Base for the Governmental Projects of Modernization of Russian System of Marine Harvesting in the 18th Century
Alexey Kraykovskiy
European University at Saint Petersburg, Saint Petersburg, Russian Federation

09:45 – 10:05 A72
Hidden Treasures: Challenging Traps of Historical Sources for Environmental History
Klara Woitschova
Charles University, Department of Auxiliary Historical Sciences and Archive Studies, Prague, Czech Republic

10:05 – 10:15 Commentary
Karel Stibral, Masaryk University, Faculty of Social Sciences, Brno, Czech Republic

09:00 – 10:30 C1-01 (CFPG)
Accepted panel

Thinking Critically about Global Environmental Justice
Organizer: Agnes Kneitz, Renmin University of China, Beijing, China
Chair: Robert Gioielli, University of Cincinnati Blue Ash College, Cincinnati, United States

09:00 – 09:05
Introduction
Robert Gioielli, University of Cincinnati Blue Ash College, Cincinnati, United States
<table>
<thead>
<tr>
<th>Time</th>
<th>Panel</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution/University, Country</th>
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<tbody>
<tr>
<td>09:05 – 09:25</td>
<td>A73</td>
<td>Manipulated Nature and Failing Struggle for Healthiness: Emile Zola’s Germinal (1885) as an Early European Example</td>
<td>Agnes Kneitz</td>
<td>Renmin University of China, Beijing, China</td>
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<tr>
<td>09:25 – 09:45</td>
<td>A74</td>
<td>Landscape Transformation in Pastoral South India as Risky and Environmentally Unjust: Discussing Environmental Justice and Environmentalism in India</td>
<td>Siddhartha Krishnan</td>
<td>The Ashoka Trust for Research in Ecology and the Environment, Bengaluru, India</td>
</tr>
<tr>
<td>09:45 – 10:05</td>
<td>A75</td>
<td>American Politics, Urban Development and the “Origins” of Environmental Justice</td>
<td>Robert Gioielli</td>
<td>University of Cincinnati Blue Ash College, History, Cincinnati, United States</td>
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<tr>
<td>10:05 – 10:15</td>
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<td>Commentary</td>
<td>Jane Carruthers, University of South Africa, Pretoria, South Africa</td>
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<tr>
<td>09:00 – 10:30</td>
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<td>C1-03 (CFPG)</td>
<td>Accepted panel</td>
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<td>09:00 – 09:05</td>
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<td>Introduction</td>
<td>Raffaella Bruzzone, University of Nottingham, Genova, Italy</td>
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<tr>
<td>09:05 – 09:25</td>
<td>A76</td>
<td>Between Document and Landscape: The Portofino Watermills</td>
<td>Pietro Piana</td>
<td>University of Nottingham, School of Geography, Nottingham, United Kingdom</td>
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<tr>
<td>09:25 – 09:45</td>
<td>A77</td>
<td>Aristolochia rotunda L.: An Interdisciplinary Case-study on Local Environmental Knowledge (Ligurian Apennines – Italy)</td>
<td>Raffaella Bruzzone</td>
<td>Universita degli Studi di Genova, Dipartimento di Antichita, Filosofia e Storia, Genova, Italy</td>
</tr>
<tr>
<td>09:45 – 10:05</td>
<td>A78</td>
<td>Historical Rural Landscapes in the Apennines and Climate Changes</td>
<td>Charles Watkins$^1$, Ross Balzaretti$^2$, Diego Moreno$^3$</td>
<td>$^1$University of Nottingham, School of Geography, Nottingham, United Kingdom, $^2$University of Nottingham, School of History, Nottingham, United Kingdom, $^3$Universita degli Studi di Genova, Laboratorio di Archeologia e Storia Ambientale, Genova, Italy</td>
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<tr>
<td>10:05 – 10:15</td>
<td></td>
<td>Commentary</td>
<td>Charles Watkins, University of Nottingham, Nottingham, United Kingdom</td>
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<td>09:00 – 10:30</td>
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<td>CO-30 (CFPG)</td>
<td>Composed panel</td>
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<tr>
<td>09:00 – 09:05</td>
<td></td>
<td>Introduction</td>
<td>Poul Holm, Trinity College, Dublin, Ireland</td>
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<tr>
<td>09:05 – 09:25</td>
<td>A79</td>
<td>Long-time Changes in Fish Populations of the Eastern Baltic Sea (Gulf of Finland)</td>
<td>Dmitry Lajus</td>
<td>St. Petersburg State University, Biology and Soil Sciences, St.Petersburg, Russian Federation</td>
</tr>
<tr>
<td>09:25 – 09:45</td>
<td>A80</td>
<td>Experts, Fish Hatcheries and Indirect ‘Tragedy of the Commons’ for the Pacific Salmon</td>
<td>Julia Lajus$^{1,2}$</td>
<td>$^1$National Research University Higher School of Economics, Department of History, St. Petersburg, Russian Federation, $^2$European University at Saint Petersburg, Center for Environmental and Technological History, St. Petersburg, Russian Federation</td>
</tr>
</tbody>
</table>
Digging into our Whaling Past Portugal (Mainland) as a Former Whaling Nation
Antonio M. Teixeira¹, Cristina Brito²
¹ICNF - Instituto da Conservação da Natureza e das Florestas, Lisboa, Portugal, ²CHAM (Centre for Overseas History), Lisboa, Portugal

The Economic and Social Impacts of Environmental Change on Fishing Towns and Coastal Communities: A Historical Case Study of Geraldton, Western Australia
Malcolm Tull¹, Howard Gray²
¹Murdoch University, School of Management and Governance, Perth, Australia, ²Australian Association for Maritime History, Perth, Australia

Agricultural Colonization on the Brazilian Frontier
Chair: José Augusto Pádua, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil

The Colonization of Minas Gerais: An Environmental Approach
Alexia H. Araujo Shellard
UERJ, Geography, Rio de Janeiro, Brazil

Postwar European Emigration and a Paradigm Shift in Brazilian Land Use Patterns: Cases from Southern Brazil
Stephen A. Bell
UCLA, Geography and History, Los Angeles, United States

The Geographic Mission of Leo Waibel in Goiás: An Environmental History of the Agricultural Frontier in Forest Areas of the Midwest of Brazil
Giovana G. Tavares¹, Sandro D. Silva¹², Maria G.D.S. Barbalho¹, Jose Luiz A. Franco³, Pedro Vitor L. Cravo¹
¹Centro Universitário de Anápolis - UniEVANGELICA, PPSTMA/UniEVANGELICA, Anapolis, Brazil, ²Universidade Estadual de Goiás/UEG, TECCER/UEG, Anapolis, Brazil, ³Universidade de Brasilia, CDS, Brasili, Brazil

Frontier and Nature: The Symbolic Edification of the Brazilian West (1930-1940)
Sandro D. Silva¹², Giovana G. Tavares³, Dominichi M. Sá³, Jose Luiz A. Franco³, Pedro Vitor L. Cravo³
¹Centro Universitário de Anápolis/UniEVANGELICA, PPSTMA/UniEVANGELICA, Anápolis, Brazil, ²Centro Universitário de Anápolis/UniEVANGELICA, PPSTMA - Ciências Ambientais, Anápolis, Brazil, ³Universidade Estadual de Goiás/UEG, TECCER, Anápolis, Brazil, ⁴Centro Universitário de Anápolis/UniEVANGELICA, PPSTMA/UniEVANGELICA, Anápolis, Brazil, ⁵Fundação Oswaldo Cruz, História da Saúde, Rio de Janeiro, Brazil, ⁶Universidade de Brasilia, Departamento de História/CDS, Brasilia, Brazil

Unsettling Crosby’s Euro-centered Columbian Exchange II: Old World Tropical Actors & Agencies in Remaking the Atlantic World
Organizer: Kent Mathewson, Louisiana State University, Baton Rouge, United States

Introduction
Kent Mathewson, Louisiana State University, Baton Rouge, United States

'Descobrimentos Redux': Nova Austrália, Acacias and Eucalypts in the Making of Modern Portugal

Manuel M. Fernandes¹, Haripriya Ragan²
¹University of Porto, CEGOT - Centro de Estudios de Geografia e Ordenamiento de Território, Porto, Portugal, ²Monash, Geography & Environmental Sciences, Melbourne, Australia

11:25 – 11:45 A88
The 'Botanical Gardens of the Dispossessed' Revisited: Diversity and Significance of Old World Crops Grown by Suriname Maroons
Tinde Van Andel¹, Minke Reijers²
¹Netherlands Organization for Scientific Research (NWO-Vidi), Naturalis Biodiversity Center, Leiden, Netherlands, ²Wageningen University, Biosystematics Group, Wageningen, Netherlands

11:45 – 12:05 A89
The Biotic Sphere of Early Modern Atlantic Cartography
William Boelhower
Louisiana State University, English, Baton Rouge, United States

12:05 – 12:15 Discussion
Kent Mathewson, Louisiana State University, English, Baton Rouge, United States

11:00 – 12:30 CO-03 (CFPG)
Roundtable
"Present at the Creation": The Beginnings of Environmental History Studies around the Globe
Organizer: J. Donald Hughes, University of Denver (now in Princeton), Princeton, United States
Chair: William Beinart, University of Oxford, Oxford, United Kingdom

11:00 – 12:30 A90
"Present at the Creation": The Beginnings of Environmental History Studies around the Globe
J. Donald Hughes¹, William Beinart², Ranjan Chakrabarti³, Stefania Gallini⁴, J. Donald Hughes⁵, Mei Xueqin⁶, Verena Winiwarter⁷
¹University of Denver (now in Princeton), History, Princeton, United States, ²University of Oxford, African Studies Centre, Oxford, United Kingdom, ³Vidyasagar University, Jadavpur, India, ⁴National University of Columbia, Bogota, Colombia, ⁵University of Denver, History, Princeton, United States, ⁶Tsinghua University, Beijing, China, ⁷Alpen-Adria-Universitaet, Klagenfurt, Australia

11:00 – 12:30 CO-04 (CFPG)
Accepted panel
Aquacultures: Promises, Practices, Problems, II
Organizer: Richard Hoffmann, York University, Toronto, Canada

11:00 – 11:05 Introduction
Richard Hoffmann, York University, Toronto, Canada

11:05 – 11:25 A91
Creating the Perfect Fish: The Twentieth Century U.S. Catfish Industry in Environmental and Social Context
Christopher Morris
University of Texas at Arlington, History, Arlington, United States

11:25 – 11:45 A92
A History of Fish Culture in Sub-Saharan Africa
Jérôme Lazard
CIRAD (French Academy of Agricultural Sciences), Le Cres, France

11:45 – 12:05 A93
Aquaculture and Socio-ecological Change in Rural Bangladesh: 1950-2013
Bob Pokrant
Curtin University, Department of Social Science and International Studies, Perth, Australia

12:05 – 12:15 Commentary
Vinita Damodaran, University of Sussex, Brighton, United Kingdom

11:00 – 12:30 CO-05 (CFPG)
Composed panel
Woods Old and New

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<thead>
<tr>
<th>Time</th>
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<th>Title</th>
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<tr>
<td>11:00 – 11:05</td>
<td></td>
<td><strong>Introduction</strong></td>
<td>Mikko Saikku, University of Helsinki, Helsinki, Finland</td>
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<tr>
<td>11:05 – 11:25</td>
<td>A94</td>
<td>The Colonial Timber Trade in the Americas: A Comparative Perspective</td>
<td>Diogo C. Cabral</td>
<td>Brazilian Institute of Geography and Statistics, Rio de Janeiro, Brazil</td>
</tr>
<tr>
<td>11:25 – 11:45</td>
<td>A95</td>
<td>An Ecological History of a Forest: People, Pines, Insects and Fire in the South-central Interior of British Columbia, Canada</td>
<td>Sinead K. Earley</td>
<td>Queen’s University, Department of Geography, Kingston, Canada</td>
</tr>
<tr>
<td>11:45 – 12:05</td>
<td>A96</td>
<td>“In this our Destroying Age”: Innovation, Legislation and Commonwealth in the Timber Resource Management Practices of Jacobean England, 1603-1625</td>
<td>Felicity Stout</td>
<td>University of Sheffield, History, Sheffield, United Kingdom</td>
</tr>
<tr>
<td>12:05 – 12:25</td>
<td>A97</td>
<td>The Ecological Politics of Tropical Forest in the Philippines, 1898-1947</td>
<td>Emily K. Brock</td>
<td>University of South Carolina, Columbia, United States</td>
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<tr>
<td>11:00 – 12:30</td>
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<td>C1-05 (CFPG) Accepted panel</td>
<td><strong>Transforming Nature: Modernity, Science and Ideology II</strong></td>
<td>Organizer: Doubravka Olsakova, Institute of Contemporary History, Prague, Czech Republic</td>
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<td>11:00 – 11:05</td>
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<td><strong>Introduction</strong></td>
<td>Doubravka Olsakova, Institute of Contemporary History, Prague, Czech Republic</td>
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<tr>
<td>11:05 – 11:25</td>
<td>A98</td>
<td>Continuity and Discontinuity of Green Ideas in Czechoslovak Urban and Regional Planning: 1939-1959</td>
<td>Jan Dostalik</td>
<td>Masaryk University, Faculty of Social Sciences, Department of Environmental Studies, Brno, Czech Republic</td>
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<tr>
<td>11:25 – 11:45</td>
<td>A99</td>
<td>Building Socialism and Transforming the Rural Landscape in Czechoslovakia: A Truly Negative Process?</td>
<td>Nicholas Orsillo</td>
<td>Masaryk University, Faculty of Social Sciences, Department of Environmental Studies, Brno, Czech Republic</td>
</tr>
<tr>
<td>11:45 – 12:05</td>
<td>A100</td>
<td>Stalin’s Plan for the Transformation of Nature in Czechoslovakia and its Representation in State Socialist Media</td>
<td>Arnost Stanzel</td>
<td>Ludwig-Maximilians-Universität München, Historisches Seminar der LMU - Geschichte Ost- und Südosteuropas, München, Germany</td>
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<tr>
<td>12:05 – 12:15</td>
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<td><strong>Commentary</strong></td>
<td>Julia Lajus, National Research University Higher School of Economics, St. Petersburg, Russian Federation</td>
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<td>11:00 – 12:30</td>
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<td>C1-01 (CFPG) Accepted panel</td>
<td><strong>Frontiers of Injustice: Immigrants, Nature and Environmental Justice</strong></td>
<td>Organizer: Eunice Nodari, Universidade Federal de Santa Catarina, Florianopolis, Brazil</td>
</tr>
<tr>
<td>11:00 – 11:05</td>
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<td><strong>Introduction</strong></td>
<td>Eunice Nodari, Universidade Federal de Santa Catarina, Florianopolis, Brazil</td>
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</tbody>
</table>
11:05 – 11:25  A101  Anti-immigration Politics and Environmental Injustice
Lisa S.-H. Park, David N. Pellow
University of Minnesota, Sociology, Minneapolis, United States

11:25 – 11:45  A102  Embodied Injustice: Placing the Immigrants’ Experience in the Environmental Justice Framework
Marco Armiero
Royal Institute of Technology, Environmental Humanities Laboratory, Stockholm, Sweden

11:45 – 12:05  A103  Environmental Injustice: Dams and Migrants in Southern Brazil
Eunice S. Nodari¹, Marcos A. Espíndola²
¹Universidade Federal de Santa Catarina, History, Florianópolis, Brazil, ²Universidade Federal de Santa Catarina, Doutorado Interdisciplinar em Ciencias Humanas, Florianópolis, Brazil

12:05 – 12:25  A104  Climate Migration as an Adaptation Strategy: De-securitizing Climate-induced Migration, or Making the Unruly Governable?
Giovanni Bettini
Lancaster University, Lancaster Environment Centre, Lancaster, United Kingdom

11:00 – 12:30  C1-03 (CFPG)  Composed panel
Coping with Pests
Chair: John Thistle, Memorial University of Newfoundland, Happy Valley-Goose Bay, Canada

11:05 – 11:25  A105  Circulating Knowledge and Negotiating Action: The Preindustrial Fight against So-called Animal Pests in Agriculture
Jana Sprenger
Georg-August-University Göttingen, Göttingen, Germany

11:25 – 11:45  A106  Locust Invasions and Climatic Factors in the Mediterranean
Elina Gugliuzzo, Giuseppe Restifo
University of Messina, Department of Cognitive Sciences, Educational and Cultural Studies, Messina, Italy

Edward D. Deveson¹,²
¹Australian National University, Fenner School of Environment and Society, Canberra, Australia, ²Australian Plague Locust Commission, Department of Agriculture, Fisheries and Forestry, Canberra, Australia

Etienne Peyrat
Sciences Po Paris, History, Paris, France

11:00 – 12:30  CO-30 (CFPG)  Composed panel
New Approaches to Marine Environmental History
Chair: Anne Lif Lund Jacobsen, Aarhus University, Aarhus, Denmark

11:05 – 11:25  A109  Surrounded by Sea: How Might an Environmental Historian Conceptualise the Role of the Sea in New Zealand History?
Tom W.H. Brooking
University of Otago, History and Art history, Dunedin, New Zealand
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<th>Time</th>
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<th>Title</th>
<th>Speaker(s)</th>
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Centre for Environmental History, Australian National University, Canberra, Australia                                                                                                                   |
| 11:45 – 12:05| A111 | Carrying on the Traditions of her Ancestors: Gender and Cultural Identity as a Lever in Marine Sustainability among the Female Ama Divers of Japan from the Late 19th Century to the 1970s | Anne McDonald  
Sophia University, Graduate School of Global Environmental Studies, Tokyo, Japan                                                                                                                                 |
| 12:05 – 12:25| A112 | Fishing for Power: Influence of History and Politics on Environmental Change and Fishers’ Marginalization in Chilika Lagoon, India | Prateep K. Nayak  
University of Waterloo, Faculty of Environment, Waterloo, Canada                                                                                                                                 |
| 11:00 – 12:30|      | CO-29 (CFPG)  
Accepted panel                                                                 | Peasants and Technical Change during Socio-ecological Transitions. A Comparative Perspective between Mediterranean, Atlantic and Tropical Agricultures  
Organizer: David Soto Fernández, Universidad Pablo de Olavide, Sevilla, Spain  
Chair: Wilson Picado, Universidad Nacional, Heredia, Costa Rica |
| 11:00 – 11:05|      | Introduction                                                                              | Wilson Picado, Universidad Nacional, Heredia, Costa Rica                                                                                                                                                |
| 11:05 – 11:25| A113 | How Peasants Adopt New Technologies. Peasant Know-how and Learning by Farming during the Socio-ecological Transitions in Galicia, XVIII-XXth Centuries | Beatriz Corbacho González¹, David Soto Fernández²  
¹Universidade de Santiago de Compostela, Santiago de Compostela, Spain, ²Universidad Pablo de Olavide, Sevilla, Spain |
| 11:25 – 11:45| A114 | Technical Change and Socio-ecological Transition in the Coffee Production in Costa Rica | Wilson Picado, Maximiliano López  
Universidad Nacional, Heredia, Costa Rica                                                                                                                                                             |
| 11:45 – 12:05| A115 | The Phosphorus Hypothesis: On the Causes of the Second Agricultural Revolution in the Mediterranean Agriculture | Roberto García-Ruíz¹, Juan Infante Amate², Manuel González de Molina³, Gloria Guzmán Casado², Eduardo Aguilera², Antonio Cid²  
¹Universidad de Jaén, Jaén, Spain, ²Universidad Pablo de Olavide, Sevilla, Spain |
| 12:05 – 12:15|      | Commentary                                                                               | Lourenzo Fernández Prieto, Universidade de Santiago de Compostela, Santiago de Compostela, Spain                                                                                                   |
| 12:30 – 14:00|      | Venues TBA  
Social event                                                                 | Lunch                                                                                                                                                                                                 |
| 14:00 – 15:30|      | CO-02 (CFPG)  
Accepted panel                                                                 | Unsettling Crosby’s Euro-Centered Columbian Exchange III: Old World Tropical Actors & Agencies in Remaking the Atlantic World  
Organizer: Kent Mathewson, Louisiana State University, Baton Rouge, United States  
Chair: Judith Carney, UCLA, Los Angeles, United States |
<p>| 14:00 – 14:05|      | Introduction                                                                              | Judith Carney, UCLA, Los Angeles, United States                                                                                                                                                    |</p>
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<td>14:00 – 15:30</td>
<td>CO-03</td>
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<td></td>
<td><strong>The World of Monoculture Part I</strong></td>
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<td>Organizer: Frank Uekotter, University of Birmingham, Birmingham, United Kingdom</td>
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<tr>
<td>14:00 – 14:05</td>
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<td>Introduction</td>
<td>Frank Uekotter, University of Birmingham, Birmingham, United Kingdom</td>
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<tr>
<td>14:05 – 14:25</td>
<td>A119</td>
<td>Rubber Culture: Hevea Plantations and Smallholders in Colonial Southeast Asia</td>
<td>Corey Ross, University of Birmingham, Birmingham, United Kingdom</td>
</tr>
<tr>
<td>14:25 – 14:45</td>
<td>A120</td>
<td>Against Monoculture? Canola Rapeseed and the Perils of Diversification</td>
<td>Sarah Waltenberger, Deutsches Museum, Research Institute, Munich, Germany</td>
</tr>
<tr>
<td>14:45 – 15:05</td>
<td>A121</td>
<td>A Tale of Soy and Apples: Monocultures in South Brazil</td>
<td>Jo Klanovicz, Midwestern State University of Parana (UNICENTRO), Guarapuava, Brazil</td>
</tr>
<tr>
<td>15:05 – 15:25</td>
<td>A122</td>
<td>Plantations, Climate, Monocultures and Environmental Determinism in the American South</td>
<td>Mart Stewart, Western Washington University, Bellingham, United States</td>
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<td>14:00 – 15:30</td>
<td>CO-04</td>
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<td>**The Environmental History of Tourism Destinations: „Critical Hubs“ in the European Alps</td>
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<td>Organizer: Martin Knoll, Technische Universität Darmstadt, Darmstadt</td>
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<td></td>
<td>Chair: Patrick Kupper, ETH Zurich, Zurich, Switzerland</td>
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<tr>
<td>14:00 – 14:05</td>
<td></td>
<td>Introduction</td>
<td>Patrick Kupper, ETH Zurich, Zurich, Switzerland</td>
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<tr>
<td>14:25 – 14:45</td>
<td>A124</td>
<td>Bathing in the River Kamp: Interactions between Tourism and Electricity Production on the Example of a Small Austrian River</td>
<td>Christina Spitzbart, Alpen-Adria-University Klagenfurt, Wien, Graz, Klagenfurt, Austria</td>
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<td>Time</td>
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<td>14:45 – 15:05</td>
<td>A125</td>
<td>A Valley's only Road. Tourism Mobility, Infrastructure and Regional Change in Kleinwalsertal (Austria, 1890-2000)</td>
<td>Martin Knoll</td>
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<tr>
<td>15:05 – 15:15</td>
<td></td>
<td>Commentary</td>
<td>Patrick Kupper</td>
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<td>14:00 – 15:30</td>
<td>CO-05(CFPG)</td>
<td>Accepted panel</td>
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<tr>
<td>14:00 – 14:05</td>
<td></td>
<td>Introduction</td>
<td>Melanie Arndt</td>
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<tr>
<td>14:25 – 14:45</td>
<td>A127</td>
<td>Memory and Authority in the 1824 Neva Flood at St. Petersburg, Russia</td>
<td>Randall Dills</td>
</tr>
<tr>
<td>14:45 – 15:05</td>
<td>A128</td>
<td>Natural Catastrophes in Rapidly Changing Societies and Environments: The Flood of 1962 in Sabadell (Barcelona, Spain)</td>
<td>David Sauri¹, Eduard Masjuan², Hug March³</td>
</tr>
<tr>
<td>15:05 – 15:25</td>
<td>A129</td>
<td>Cedar Rapids, Iowa: Conflicts and Correspondences between the Grid and the River</td>
<td>Nadia M. Anderson</td>
</tr>
<tr>
<td>14:00 – 15:30</td>
<td>C1-05(CFPG)</td>
<td>Composed panel</td>
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<tr>
<td>14:00 – 14:05</td>
<td></td>
<td>Introduction</td>
<td>Peter Boomgard</td>
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<tr>
<td>14:25 – 14:45</td>
<td>A131</td>
<td>Reconstructing Winter Weather in Western Europe during the Little Ice Age: An Example with David Fabricius, the Pastor who Loves Weather</td>
<td>Alexis Metzger</td>
</tr>
<tr>
<td>14:45 – 15:05</td>
<td>A132</td>
<td>Early Seventeenth Century Weather Observations of the Bishop of Ljubljana</td>
<td>Ziga Zwitter</td>
</tr>
<tr>
<td>15:05 – 15:25</td>
<td>A133</td>
<td>The 19th Century Wind Storms in Portugal from Franzini's Series Reconstructions and Other Historical Sources: Preliminary Analysis of the Reported Consequences</td>
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<td>Time</td>
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<tr>
<td>14:00 – 15:30</td>
<td>C1-01</td>
<td>Cultural Responses to Natural and Industrial Disasters</td>
<td>Katrin Pfeifer, University of Salzburg, Salzburg, Austria</td>
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<tr>
<td>14:00 – 14:05</td>
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<td>Introduction</td>
<td>Katrin Pfeifer, University of Salzburg, Salzburg, Austria</td>
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<tr>
<td>14:05 – 15:05</td>
<td>C1-03</td>
<td>Animals in the ages of exploration, trade, and conservation</td>
<td>Jacob Tropp, Middlebury College, United States</td>
</tr>
<tr>
<td>14:00 – 15:30</td>
<td>CO-30</td>
<td>Trade Grain, Pests and Crop Failures</td>
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**Cultural Responses to Natural and Industrial Disasters**

Organizer: Katrin Pfeifer, University of Salzburg, Salzburg, Austria

**Introduction**

Katrin Pfeifer, University of Salzburg, Salzburg, Austria

**Early Modern Responses to Natural Disasters**

Katrin Pfeifer
University of Salzburg, Salzburg, Austria

**Psychological Factors in Disaster Responses: Stimulating an Environmental Historical Debate**

Niki Pfeifer
LMU Munich, MCMP, Munich, Germany

**The Assessment and Management of Industrial Risks in 19th Century Amsterdam: A European Perspective**

Merel Klein
University of Amsterdam, History, Amsterdam, Netherlands

**Commentary**

J. Donald Hughes, University of Denver (now in Princeton), Princeton, United States

**Atlantic Naturalism: The Environmental History of Exotic Marine Animals in the Early Modern Atlantic**

Cristina Brito
CHAM (Centre for Overseas History), Faculdade de Ciências Sociais e Humanas, Universidade Nova de Lisboa and Universidade dos Açores, Lisbon, Portugal

**Animal Distribution in Guinea-Bissau and how Non Human Primates Were Perceived in the 16th and 17th Century Chronicles: From Anatomical Descriptions to Tool-use Behaviour**

Catarina C.N. Casanova, Cecília Veracini
1CAPP, ISCSP, University of Lisbon, Anthropology, Lisbon, Portugal, 2CAPP, ISCSP, University of Lisbon, Anthropology, Lisbon, Portugal

**Primate Trade in the Age of Discovery: European Importation and its Consequences**

Cecilia Veracini, Catarina Casanova
1University of Lisbon, IScPS - CAPP, Lisbon, Portugal, 2University of Lisbon, IScPS - CAPP, Anthropology, Lisbon, Portugal

**From Slaughtering Travellers to Nature Conservation in the Land of Monkeys: Natural Science in Brazil in the 19th and 20th Centuries**

Janaina Z. Losada, Fernanda Cornils, José Luiz A. Franco, José A. Drummond
1Universidade Federal de Uberlândia, Ituitaba, Brazil, 2Universidade de Brasilia, Brasilia, Brazil

**Trade Grain, Pests and Crop Failures**
<table>
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<tr>
<th>Time</th>
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<th>Speaker(s)</th>
<th>Institution</th>
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<tr>
<td>14:00 – 14:05</td>
<td>Introduction</td>
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<td>Nikolay Dronin</td>
<td>Moscow State University, Moscow, Russian Federation</td>
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<tr>
<td>14:05 – 14:25</td>
<td>A141</td>
<td>Pests Insects and Crop Failures in 1880s in South Russia</td>
<td>Anastasia Fedotova</td>
<td>Institute for the History of Science and Technology, RAS, St. Petersburg,</td>
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<td>Russian Federation</td>
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<td>14:25 – 14:45</td>
<td>A142</td>
<td>The Role of Applied Entomology in the Fight against Locusts in Argentina (1930-1940)</td>
<td>Alejandro Martinez</td>
<td>Universidad Nacional de La Plata, La Plata, Argentina</td>
</tr>
<tr>
<td>14:45 – 15:05</td>
<td>A143</td>
<td>Plant Disease and Famine in Russia and the USSR</td>
<td>Mark B. Taquer</td>
<td>West Virginia University, Department of History, Morgantown, United States</td>
</tr>
<tr>
<td>15:05 – 15:25</td>
<td>A144</td>
<td>Making Insects into Public Enemies: Re-examining the Links between Environmental Change and Professionalization of Applied Entomology in Russia</td>
<td>Marina V. Loskutova</td>
<td>Institute for the History of Science and Technology, RAS, St. Petersburg,</td>
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<td>Russian Federation</td>
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<td>14:00 – 15:30</td>
<td>CO-29 (CFPG)</td>
<td>Composed panel</td>
<td>Verena Winiwarter</td>
<td>Alpen-Adria-Universität Klagenfurt-Wien-Graz, Klagenfurt, Austria</td>
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<td>Twentieth Century Energy Transitions</td>
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| 14:05 – 14:25   | A145                                  | Aluminum, Electricity and the Reshaping of Waterways in Canada and Brazil                       | Mar Rubio<sup>1</sup>, Richard W. Unger<sup>2</sup>                                                   | <sup>1</sup>Universidad Publica de Navarra, Pamplona, Spain,  
<sup>2</sup>University of British Columbia, History, Vancouver, Canada         |
<p>| 14:25 – 14:45   | A146                                  | Oil Crises and the Greening of the Danish Energy Sector                                          | Mogens Rüdiger                                                                                      | Aalborg, Department of Culture and Global Studies, Aalborg, Denmark          |
| 14:45 – 15:05   | A147                                  | Extractive Industry in the Atlantic Subarctic                                                  | John Thistle                                                                                        | Memorial University of Newfoundland, Labrador Institute, Happy Valley-Goose  |
|                 |                                       |                                                                                                 |                                                                                                      | Bay, Canada                                                                |
| 15:30 – 16:00   | COFG Foyer                            | Social event                                                                                     |                                                                                                      |                                                                            |
|                 |                                       | Coffee Break — CFPG                                                                               |                                                                                                      |                                                                            |
| 16:00 – 17:30   | CO-02 (CFPG)                          | Accepted panel                                                                                   | Nicholas Money                                                                                      | Miami University, Oxford, United States                                    |
|                 |                                       | The Forgotten Kingdom of Environmental History                                                  |                                                                                                      |                                                                            |
| 16:00 – 16:05   | Introduction                          |                                                                                                 | Nicholas Money                                                                                      | Miami University, Oxford, United States                                    |
| 16:05 – 16:25   | A148                                  | Fungi: An Introduction to their Environmental Significance                                      | Nicholas Money                                                                                      | Miami University, Oxford, United States                                    |</p>
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<tr>
<td>16:25 – 16:45</td>
<td>A149</td>
<td><strong>Fungal Conservation in Environmental History</strong></td>
<td>Alison M. Pouliot, Australian National University, Fenner School of Environment and Society, Canberra, Australia</td>
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<tr>
<td>16:45 – 17:05</td>
<td>A150</td>
<td><strong>Redressing the Absence of Fungi in the History of the Environment in Australia</strong></td>
<td>Lyn Allison, Fungimap Australia, Melbourne, Australia</td>
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<td>16:00 – 17:30</td>
<td>CO-03</td>
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<td></td>
<td><strong>The World of Monoculture Part II</strong></td>
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<td>Organizer: Frank Uekotter, University of Birmingham, Birmingham, United Kingdom</td>
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<td>16:00 – 16:05</td>
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<td><strong>Introduction</strong></td>
<td>Frank Uekotter, University of Birmingham, Birmingham, United Kingdom</td>
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<td>16:05 – 16:25</td>
<td>A151</td>
<td><strong>Monocultures Transformed: The Technification of Coffee Cultivation (and its Limits) in Latin America, 1950-1970</strong></td>
<td>Stuart McCook, University of Guelph, Ontario, Canada</td>
</tr>
<tr>
<td>16:25 – 16:45</td>
<td>A152</td>
<td><strong>Monocultures in Forestry: Inventing the Doctrine of Net Soil Yield</strong></td>
<td>Joachim Hamberger, Technische Universität München, Munich, Germany</td>
</tr>
<tr>
<td>16:45 – 17:05</td>
<td>A153</td>
<td><strong>The Twenty-first Century Portfolio Plantation</strong></td>
<td>Jeannie Whayne, University of Arkansas, Fayetteville, United States</td>
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<tr>
<td>17:05 – 17:15</td>
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<td><strong>Commentary</strong></td>
<td>Frank Uekotter, University of Birmingham, Birmingham, United Kingdom</td>
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<td>16:00 – 17:30</td>
<td>CO-04</td>
<td>Accepted panel</td>
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<td><strong>The Environmental History of Tourism Destinations: Comparative Perspectives on the Making of „Critical Hubs“ in Global Tourism and Leisure</strong></td>
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<td>Organizer: Robert Gross, Alpen Adria University Klagenfurt, Vienna, Austria</td>
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<td>Chair: Martin Knoll, Technische Universität Darmstadt, Darmstadt</td>
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<td>16:00 – 16:05</td>
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<td><strong>Introduction</strong></td>
<td>Martin Knoll, Technische Universität Darmstadt, Darmstadt</td>
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<td>16:05 – 16:25</td>
<td>A154</td>
<td><strong>Working-class Nature Tourism in Industrial Chicago</strong></td>
<td>Colin Fisher, University of San Diego, San Diego, United States</td>
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<td>16:25 – 16:45</td>
<td>A155</td>
<td><strong>Exposing the Tourism Potentials of the “Milkin Hill Road” as a Specie of Environmental Tourism in Nigeria</strong></td>
<td>Ihediwa Nkemjika Chimee, University of Nigeria, Nsukka, Nigeria</td>
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<td>16:45 – 17:05</td>
<td>A156</td>
<td><strong>The Power of Paradise. Danish Naturalists and Tourists in Polynesia, 19th-20th Centuries</strong></td>
<td>Bo Poulsen, Johan Heinsen, Aalborg University, Department of Culture and Global Studies, Aalborg, Denmark</td>
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Urban Floods around the World II – Managing City and Waters
Organizer: Lise Sedrez, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil

16:00 – 16:05
Introduction
Lise Sedrez, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil

16:05 – 16:25  A158  Rivers and Risk in the City: The Urban Floodplain as a Contested Space
Uwe Lübken
LMU, Rachel Carson Center, Munich, Germany

16:25 – 16:45  A159  City of Water: Architecture, Infrastructure and the Floods of Phnom Penh
Shelby E. Dolby
Louisiana State University, Department of Architecture, Baton Rouge, United States

16:45 – 17:05  A160  Strategies of Adaptation to Floods in Mediterranean Urban Societies: The Case of Marseilles and its Rivers in the South East of France (19th-20th Centuries)
Nicolas Maughan
Aix-Marseille University, Laboratoire d’Analyse, Topologie et Probabilités, Marseilles, France

Alfredo R.S. Lopes1, Eunice S. Nodari1, Marcos Aurélio Espíndola2
1Federal University of Santa Catarina, History, Florianópolis, Brazil, 2Federal University of Santa Catarina, Interdisciplinar em Ciências Humanas, Florianópolis, Brazil

16:00 – 16:30  C1-05 (CFPG)
Composed panel

Reconstructing the Climate in South Africa
Chair: Peter Boomgard, Royal Netherlands Institute of Southeast Asian and Caribbean Studies (KITLV), Leiden, Netherlands

16:00 – 16:05
Introduction
Peter Boomgard, Royal Netherlands Institute of Southeast Asian and Caribbean Studies (KITLV), Leiden, Netherlands

16:05 – 16:25  A162  Historical Documentary Sources to Reconstruct Rainfall on the South African Highveld
Clare J. Kelso
University of Johannesburg, Geography and Environmental Management, Johannesburg, South Africa

16:25 – 16:45  A163  A Glimpse at the 17th Century Cape Climate of Southern Africa: Documentary Based Evidence from the Jan van Riebeeck Diaries
Ravanya Naidoo1, Stefan Grab1, Nothabo Ndebele2
1University of the Witwatersrand, School of Geography, Archaeology and Environmental Studies, Johannesburg, South Africa, 2University of the Witwatersrand, School of Statistics and Actuarial Science, Johannesburg, South Africa

16:45 – 17:05  A164  Climate Variability and Collapse in Pre-colonial Southern African History
Matthew Hannaford
University of Sheffield, Department of Geography, Sheffield, United Kingdom

17:05 – 17:25  A165  Rainfall Variability in Former Natal and Zululand, South Africa, during the Nineteenth Century
David Nash1, Kathleen Pribyl1, Jørgen Klein2, Georgina Endfield3, Dominic Kniveton4, George Adamson5
1University of Brighton, School of Environment and Technology, Brighton, United Kingdom, 2University of the Witwatersrand, School of Geography, Archaeology and Environmental Studies, Johannesburg, South Africa, 3Hedmark University College, Department of Social Sciences, Hamar, Norway, 4University of Nottingham, School of Geography, Nottingham, United Kingdom, 5University of Sussex, School of Global Studies, United Kingdom

16:00 – 17:30  C1-01 (CFPG)
Accepted panel

Mountaineering Landscapes and Early Environmentalism
Organizer: Ben Anderson, Keele University, Keele, United Kingdom
Chair: Patrick Kupper, ETH Zurich, Zurich, Switzerland

16:00 – 16:05
Introduction
Patrick Kupper, ETH Zurich, Zurich, Switzerland

16:05 – 16:25 A166
James Bryce, Mountaineering and Landscape Preservation in Britain and the United States, c. 1870-1914
Paul Readman
King's College, History, London, United Kingdom

16:25 – 16:45 A167
Protecting Danger: Elite Mountaineers and Naturschutz Alternatives
Ben M. Anderson
Keele University, Humanities (History), Keele, United Kingdom

16:45 – 16:55
Commentary
Ute Hasenöhrl, Leibniz-Institute for Regional Development and Structural Planning, Erkner

16:00 – 16:05
Introduction
Peter Coates, University of Bristol, Bristol, United Kingdom

16:05 – 16:25 A168
The Environmental Contexts of Subsistence Crises, Mass Mortalities and Social Conflict in Ireland, 425-1649 CE
Francis Ludlow
Yale University, Yale Climate & Energy Institute, & Department of History, New Haven, United States

16:25 – 16:45 A169
“An Hund Wildra Horsa and Sextene Tame Henggstas” – The Myth of wild Horses in Medieval Europe
Rob Lenders
Radboud University Nijmegen, Environmental Science, Nijmegen, Netherlands

16:45 – 17:05 A170
Bambi in Sherwood: The History of Red Deer in Sherwood Forest 1616-1723
Sara E. Morrison
Brescia University College (at UWO), History, London, Canada

17:05 – 17:25 A171
Changing Values: Perceptions and Politics of the Common Viper (Vipera berus) in Germany (1800-2010)
Patrick Masius
University of Goettingen, Goettingen, Germany

16:00 – 17:30
C1-03 (CFPG)
Composed panel
Subsistence Crises, Ungulates and Reptiles in Europe
Chair: Peter Coates, University of Bristol, Bristol, United Kingdom

16:00 – 16:05
Introduction
Peter Coates, University of Bristol, Bristol, United Kingdom

16:05 – 16:25 A168
The Environmental Contexts of Subsistence Crises, Mass Mortalities and Social Conflict in Ireland, 425-1649 CE
Francis Ludlow
Yale University, Yale Climate & Energy Institute, & Department of History, New Haven, United States

16:25 – 16:45 A169
“An Hund Wildra Horsa and Sextene Tame Henggstas” – The Myth of wild Horses in Medieval Europe
Rob Lenders
Radboud University Nijmegen, Environmental Science, Nijmegen, Netherlands

16:45 – 17:05 A170
Bambi in Sherwood: The History of Red Deer in Sherwood Forest 1616-1723
Sara E. Morrison
Brescia University College (at UWO), History, London, Canada

17:05 – 17:25 A171
Changing Values: Perceptions and Politics of the Common Viper (Vipera berus) in Germany (1800-2010)
Patrick Masius
University of Goettingen, Goettingen, Germany

16:00 – 17:30
CO-30 (CFPG)
Accepted panel
Behaving Badly in the Great Outdoors: Towards a Less Proper, More Popular Understanding of Canada’s Culture of Nature
Organizer: Ben Bradley, University of Toronto, Toronto, Canada
Chair: Mary-Ann Shantz, Independent Scholar, Edmonton, Canada

16:00 – 16:05
Introduction
Mary-Ann Shantz, Independent Scholar, Edmonton, Canada

16:05 – 16:25 A172
A Tale of Two Rivers: (Un)linking the Undressed Male Body and the Environment in an Industrializing Canadian City, 1890 to 1935
Dale Barbour
University of Toronto, History, Toronto, Canada

16:25 – 16:45 A173
"Adams and Eves" or “a bunch of naked hippies”? Nudists, Nudity and the Natural Environment, 1947-1977
Mary-Ann Shantz
Independent Scholar, Edmonton, Canada

16:45 – 17:05  A174  Putting 'Wild' Behaviour into 'Wild' Spaces: Rowdiness, Drunkenness and Misadventure in Canadian Parks, from Hippies to Headbangers
Ben Bradley
University of Toronto, History, Toronto, Canada

16:00 – 17:30  CO-29 (CFPG)
Accepted panel

Water Pollution and Water Protection in State-socialism. Cases of Czechoslovakia, Hungary and the U.S.S.R.
Organizer: Viktor Pal, University of Tampere / Wirtschaftsuniversität Wien, Tampere, Finland
Chair: Andrea Filippo Saba, Instituto Nazionale per la Storia del Movimento di Liberazione, Milano, Italy

16:00 – 16:05  Introduction
Viktor Pal, University of Tampere / Wirtschaftsuniversität Wien, Tampere, Finland

Elena Kochetkova1,2
1European University at Saint Petersburg, Faculty of History, St. Petersburg, Russian Federation,
2National Research University 'Higher School of Economics', Center for Historical Research, St. Petersburg, Russian Federation

16:25 – 16:45  A176  A Story with (at Least) Two Sides. Extensive Growth, Water Pollution versus Economical Planning and Water Taxes in Hungary between 1950-73
Viktor Pal
University of Tampere, Tampere, Finland

16:45 – 17:05  A177  How Green Were the Communists? Water Management in Czechoslovakia and the Fight against Water Pollution, 1948-1989
Arnost Stanzel
Ludwig-Maximilians-Universität München, Historisches Seminar, Munich, Germany

18:00 – 18:45  CO-02 (CFPG)
Association meeting
ICEHO General Assembly

19:00 – 19:30  CO-02 (CFPG)
Association meeting
ICEHO Business Meeting

19:30 – 21:00  CFPG Foyer
Open
The Couros Site: An Introduction
Introduction to Couros Archeological District by Prof. José Cardoso Texeira.

21:30 – 22:30  Igreja de S. Francisco, Guimaraes
Social event
Concert by the Orchestra of the University of Minho
10.07.2014

09:00 – 10:30
CO-02 (CFPG)
Accepted panel

**Circulating Natures in the First Global Age. Environmental Colonialism versus Ecological Adaptation**

Organizer: Amélia Polónia, University of Porto, Porto, Portugal
Chair: Richard Unger, University of British Columbia, Vancouver, Canada

09:00 – 09:05
Introduction
Richard Unger, University of British Columbia, Vancouver, Canada

09:05 – 09:25 A178
**Ecological Imperialism versus Ecological Adaptation. Environmental Impacts of the Historical Uses of the Sea**
Amélia Polónia
University of Porto, History, Political and International Studies, Porto, Portugal

09:25 – 09:45 A179
**Modeling the Emergence of New Cultural and Ecological Realities in the Old and the New Worlds during the First Global Age**
Jorge M. Pacheco
University of Minho, Department of Mathematics and Applications, Braga, Portugal

09:45 – 10:05 A180
**Pangaea Rebuilt: The Spread of New World’s Plants in the Sixteenth and Seventeenth Century Europe**
Fabiano Bracht
State University of Maringá, Maringá, Brazil

10:05 – 10:25 A181
**From Baiacu to Sernambi: The Feeding of the First Portuguese Settlers in Brazil**
Gisele C. da Conceição
State University of Maringá, Maringá, Brazil

09:00 – 10:30
CO-03 (CFPG)
Accepted panel

**(Re)negotiating Culture Heritage and Nature in Protected Areas, Parks and Public Space**

Organizer: Yolonda Youngs, Idaho State University, Pocatello, United States

09:00 – 09:05
Introduction
Yolonda Youngs, Idaho State University, Pocatello, United States

09:05 – 09:25 A182
**Rethinking Fountainbridge: Honoring the Past and Greening the Future**
Geoffrey L. Buckley
Ohio University, Department of Geography, Athens, United States

09:25 – 09:45 A183
Jasper Rubin
San Francisco State University, Department of Urban Studies and Planning, San Francisco, United States

09:45 – 10:05 A184
**Finding a Lake, Creating an Icon: Defining Cultural and Natural Heritage in Yellowstone National Park, U.S.A.**
Yolonda Youngs
Idaho State University, Department of History, Pocatello, United States

10:05 – 10:15
Commentary
Peter Alagona, University of California Santa Barbara, Santa Barbara, United States

09:00 – 10:30
CO-04 (CFPG)
Accepted panel
**Insular Economies, Insular Ecologies: Putting Islands in Context in Environmental History**
Organizer: Rebecca Woods, Columbia University, New York, United States
Chair: Libby Robin, Australian National University, Canberra, Australia

09:00 – 09:05
**Introduction**
Libby Robin, Australian National University, Canberra, Australia

09:05 – 09:25 **A185**
**Sugar Island of the North: Redpath Sugar and the Connected Environmental Histories of Montreal and the West Indies in the 19th Century**
Kirsten Greer1, Andrew Smith2
1Nipissing University, History and Geography, Nipissing, Canada, 2Coventry University, History, Coventry, United Kingdom

09:25 – 09:45 **A186**
**From Degenerates to Regeneration: Island Laboratories in Mexico**
Emily M. Wanderer
Massachusetts Institute of Technology, Anthropology, Cambridge, United States

09:45 – 10:05 **A187**
**A Model for Ecology? Soay Sheep, St Kilda, and Ecosystem Ecology in the Twentieth Century**
Rebecca J.H. Woods
Columbia University, Society of Fellows in the Humanities, New York, United States

10:05 – 10:15
**Commentary**
Libby Robin, Australian National University, Canberra, Australia

09:00 – 10:30
**CO-05 (CFPG)**
Composed panel

**Urban Nature I**
Chair: Craig Colten, Louisiana State University, Baton Rouge, United States

09:00 – 09:05
**Introduction**
Craig Colten, Louisiana State University, Baton Rouge, United States

09:05 – 09:25 **A188**
**An Urban Gardening Victory in Victory Gardens? Whether the Success of the World War II Victory Garden Movement in America Provides a Sustainable Model for Modern Urban Gardening Movements**
Anastasia Day
University of Delaware, History, Newark, United States

09:25 – 09:45 **A189**
**Historical Geography of Emerging Ecosystems: The Case of Urban Forests in Rio de Janeiro – Brazil**
Alexandro Solorzano1, Diogo de Carvalho Cabral2, Rogério Ribeiro de Oliveira1
1Pontifícia Universidade Católica do Rio de Janeiro, Geography and Environment Department, Rio de Janeiro, Brazil, 2Instituto Brasileiro de Geografia e Estatística, Centro de Documentação e Disseminação de Informações, Rio de Janeiro, Brazil

09:45 – 10:05 **A190**
**Forest Preservation in Greater Berlin and the Historical Constitution of Urban Nature**
Parker D. Everett1,2
1Critical Historical Studies, Chicago, United States, 2The University of Chicago, History, Chicago, United States

10:05 – 10:25 **A191**
**“Land Over Landings:” Contesting the Development of Foodland in Pickering, Ontario, Canada**
Christopher Miller
Concordia University, History, Montreal, Canada

09:00 – 10:30
**C1-05 (CFPG)**
Accepted panel

**Science, Resource Politics and the Challenges of Making Environmental Histories of Antarctica during the Cold War**
Organizer: Peder Roberts, KTH Royal Institute of Technology, Stockholm, Sweden
**09:00 – 09:05**

**Introduction**  
Peder Roberts, KTH Royal Institute of Technology, Stockholm, Sweden

**09:05 – 09:25**  
**A192**  
**Environmental History, the International Geophysical Year, and the Antarctic Treaty System**  
Peder Roberts  
KTH Royal Institute of Technology, Stockholm, Sweden

**09:25 – 09:45**  
**A193**  
**Iceberg Towing and the Resource Geopolitics of Antarctica**  
Lize-Marié van der Watt  
Swedish Polar Research Secretariat, Stockholm, Sweden

**09:45 – 10:05**  
**A194**  
**Ozone Research and the Antarctic Environment during the Cold War**  
Sebastian Grevsmühl  
Université Paris 6 Pierre et Marie Curie, Paris, France

**10:05 – 10:15**  
**Commentary**  
Simone Turchetti, University of Manchester, Manchester, United Kingdom

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**09:00 – 10:30**  
**C1-01 (CFPG)**  
Accepted panel  
*The Socio-political Leverage of Extreme Weather Events in Late Medieval Europe*  
Organizer: Linnéa Rowlett, University of Kent, Canterbury, United Kingdom  
Chair: Martin Bauch, Darmstadt University of Technology, Darmstadt

**09:00 – 09:05**  
**Introduction**  
Martin Bauch, Darmstadt University of Technology, Darmstadt

**09:05 – 09:25**  
**A195**  
**More than Divine Wrath – Perception of Extreme Weather Events in Late Medieval Italy**  
Martin Bauch1,2  
1Darmstadt University of Technology, Darmstadt, Germany, 2German Historical Institute, Rome, Italy

**09:25 – 09:45**  
**A196**  
**“Toute Chose se Desnature”: Environmental Changes of the 14th Century from the Perspective of Contemporary Witnesses (c. 1330-1400)**  
Thomas Labbé  
Darmstadt University of Technology, Darmstadt, Germany

**09:45 – 10:05**  
**A197**  
**Some Religious Perceptions of Nature in Late Medieval Alsace**  
Linnéa Rowlett1,2  
1University of Kent, Canterbury, United Kingdom, 2Freie Universität Berlin, Berlin, Germany

**10:05 – 10:15**  
**Commentary**  
Frank Oberholzner, Lehrstuhl für Forstliche Wirtschaftslehre, Freising

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**09:00 – 10:30**  
**C1-03 (CFPG)**  
Accepted panel  
*Fueling Pre-modern Economies: Energy Production and Consumption before the Industrial “Revolution”*  
Organizer: Paolo Squatriti, University of Michigan, Ann Arbor, United States

**09:00 – 09:05**  
**Introduction**  
Paolo Squatriti, University of Michigan, Ann Arbor, United States

**09:05 – 09:25**  
**A198**  
**Wood for Burning: Firewood Production and Collection in Medieval France**  
Rick Keyser  
University of Wisconsin, Madison, United States

**09:25 – 09:45**  
**A199**  
**The Metabolism of the Saints; Olives, Illumination, and the City in the Late Antique Mediterranean**  
Ben Graham  
University of Michigan, Ann Arbor, United States
How to Trust an Istrian River: Riparian Sedimentation and Firewood Shortages in Sixteenth-century Venice
Karl Appuhn
New York University, New York, United States

Commentary
Ellen Arnold, Ohio Wesleyan University, Delaware, United States

CO-30 (CFPG)
Accepted panel

Agro-ecological Landscapes
Organizer: Geoff Cunfer, University of Saskatchewan, Saskatoon, Canada
Chair: Simone Gingrich, Alpen Adria University Klagenfurt, Vienna, Austria

Introduction
Simone Gingrich, Alpen Adria University Klagenfurt, Vienna, Austria

Exploring the Links between Forest Transitions and Landscape Changes in the Mediterranean: Can Forest Recovery Lead to Lower Landscape Quality?
Joan Marull1, Iago Otero1, Contatini Stefanscu1, Enric Tello2
1Universidad Autónoma de Barcelona, Barcelona, Spain, 2University of Barcelona, Barcelona, Spain

Landscape Evolution and Land-cost of Agrarian Sustainability in the Mediterranean Agriculture: From Isolation and Subsistence to the Global Food System in a Local Case Study (1900-2000)
Juan Infante Amate, Gloria Guzman, Inmaculada V. Gil Bermejo, Manuel Gonzalez de Molina
Universidad Pablo de Olavide, Seville, Spain

The Spatial Impacts of Agricultural Changes in Québec (1951-2011)
Julie Ruiz, Lluis Parcerisas
Université du Québec à Trois-Rivières, Trois-Rivières, Canada

Landscape Transformation and Agrarian Sustainability in the Colon Plains, Cuba, 19th and 20th Centuries
Reinaldo Funes Monzote, Reinaldo Estrada, Pedro L. Acosta
Fundacion Antonio Nunez Jimenez, Havana, Cuba

CO-29 (CFPG)
Accepted panel

Re-engineering the Environment for an Empire: Water, Mines and Roads
Organizer: Philip Brown, The Ohio State University, Columbus, United States
Chair: Aaron Moore, Arizona State University, Tempe, United States

Improving on Nature: Riparian Environmental Transformation in Southern Taiwan, 1920-1930
Philip C. Brown
The Ohio State University, History, Columbus, United States

Resource Exploitation as Imperial Power: Ecological and Human Consequences in the Development of Japan’s Modern Mining Industry
Patricia Sippel
Toyo Eiwa University, Yokohama, Japan

Roads, Bridges, Tunnels and Empire: Highway Construction and the Great East Asian Co-prosperity Sphere
William Steele
International Christian University, Mitaka, Japan

Commentary
Scott O’Brien, Indiana University, Bloomington, United States
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<tr>
<th>Time</th>
<th>Event</th>
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</table>
| 10:30 – 11:00| Vila Flor Exhibition space  
Social event  
**Coffee Break — CCVF** |
| 11:00 – 12:30| MA (VFGA)  
Plenary session  
**ICEHO Presidential Plenary**  
Chair: Graeme Wynn, University of British Columbia, Vancouver, Canada |
| 11:00 – 11:07| **Introduction**  
Graeme Wynn, University of British Columbia, Vancouver, Canada |
| 11:07 – 11:22| **ICEHO Presidential address**  
Jane Carruthers, University of South Africa, Pretoria, South Africa |
| 11:22 – 11:30| **Perspective — ESEH**  
Dolly Jorgensen, Umeå University, Umeå, Sweden |
| 11:30 – 11:38| **Perspective — ASEH**  
Gregg Mitman, University of Wisconsin – Madison, Madison, United States |
| 11:38 – 11:46| **Perspective — Sociedad Latinoamericana y Caribeña de Historia Ambiental**  
Stefania Gallini, National University of Colombia, Bogota, Colombia |
| 11:46 – 11:54| **Perspective — Association of East Asian Environmental History**  
Ts’ui-Jung Liu, Academia Sinica, Taipei, Taiwan, Republic of China |
| 11:54 – 12:02| **Perspective — Australia, Canada, New Zealand**  
James Beattie, University of Waikato, Hamilton, New Zealand |
| 12:02 – 12:20| Discussion |
| 12:20 – 12:30| Launching *The Edges of Environmental History*  
Graeme Wynn, University of British Columbia, Vancouver, Canada |
| 12:30 – 14:00| Venues TBA  
Social event  
**Lunch** |
| 14:00 – 15:30| CO-02 (CFPG)  
Accepted panel  
**Colonial Ecologies, Imperial Circulations and Cultural Values**  
Organizer: Nancy Jacobs, Brown University, Providence, United States  
Chair: Emily O’Gorman, Macquarie University, Sydney, Australia |
| 14:00 – 14:05| **Introduction**  
Emily O’Gorman, Macquarie University, Sydney, Australia |
| 14:05 – 14:25| A208 For Imperial Science and an Honorable Self: The Value of Specimen Collecting in Central Africa  
Nancy J. Jacobs  
Brown University, History, Providence, United States |
| 14:25 – 14:45| A209 Thomas McDonnell’s Opium: Circulating Plants and Scientific Knowledge in Britain’s Botanic Empire—Britain, China, India and New Zealand, 1800-1850  
James Beattie  
University of Waikato, History, Hamilton, New Zealand |
<table>
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<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker/Institution</th>
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</thead>
<tbody>
<tr>
<td>14:45 – 15:05</td>
<td>A210</td>
<td>Empire in a Cup: Imagining Colonial Geographies through British Tea Consumption</td>
<td>Edward Melillo, Amherst College, History and Environmental Studies, Amherst, United States</td>
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<tr>
<td>15:05 – 15:15</td>
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<td>Commentary</td>
<td>Emily O’Gorman, Macquarie University, Sydney, Australia</td>
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<tr>
<td>14:00 – 15:30</td>
<td>CO-03 (CFPG)</td>
<td>Composed panel</td>
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<td>Evolving Conceptions of National Parks</td>
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<td>Chair: Tom Brooking, University of Otago, Dunedin, New Zealand</td>
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<tr>
<td>14:00 – 14:05</td>
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<td>Introduction</td>
<td>Tom Brooking, University of Otago, Dunedin, New Zealand</td>
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<tr>
<td>14:05 – 14:25</td>
<td>A211</td>
<td>Environmental Literacy in Historical Perspective: Observations of a Nineteenth Century Scholar in the Arctic Nature Ended up to a Proposal of National Parks in the Nordic Countries</td>
<td>Seija A. Niemi, University of Turku, Finnish History, Turku, Finland</td>
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<tr>
<td>14:25 – 14:45</td>
<td>A212</td>
<td>Fifty Years of Wilderness and Civil Rights in Alaska</td>
<td>Margot Higgins, UC Berkeley, Environmental Science Policy and Management, Berkeley, United States</td>
</tr>
<tr>
<td>14:45 – 15:05</td>
<td>A213</td>
<td>Tracking Rhino in Southern Africa: Wildlife Translocations in the 1960s and 70s</td>
<td>Katie McKeown, University of Minnesota, History, Minneapolis, United States</td>
</tr>
<tr>
<td>15:05 – 15:25</td>
<td>A214</td>
<td>Land-use Evolution in a National Park: The Case of Peneda-Gerês</td>
<td>Julia M. Lourencop, Daniel S. Rodrigues, Rui A. Ramos, Maria Jose Prados, University of Sevilla, Department of Geography, Sevilla, Spain</td>
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<tr>
<td>14:00 – 15:30</td>
<td>CO-04 (CFPG)</td>
<td>Accepted panel</td>
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<td></td>
<td>The View from the South: Latin America in the Making of Environmental History</td>
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<td>Organizer: Vera S. Candiani, Princeton University, Princeton, United States</td>
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<tr>
<td>14:00 – 14:05</td>
<td></td>
<td>Introduction</td>
<td>Vera S. Candiani, Princeton University, Princeton, United States</td>
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<tr>
<td>14:05 – 14:25</td>
<td>A215</td>
<td>Ibero-American Borderlands and Histories of Environmental Change in the Making of Colonial Societies</td>
<td>Cynthia Radding, University of North Carolina, Chapel Hill, United States</td>
</tr>
<tr>
<td>14:25 – 14:45</td>
<td>A216</td>
<td>Annales and Environmental History: Agreements and Disagreements in Latin America</td>
<td>Alejandro Tortolero, Universidad Autónoma de México, México City, Mexico</td>
</tr>
<tr>
<td>14:45 – 15:05</td>
<td>A217</td>
<td>Old and New Environmental Histories of Latin American Agriculture: The Critical Turning Point for a New Perspective</td>
<td>Angus Wright, California State University, Sacramento, United States</td>
</tr>
<tr>
<td>15:05 – 15:25</td>
<td>A218</td>
<td>Out with the Old and in with the New? Recombining Historiographical Traditions</td>
<td>Vera S. Candiani, Princeton University, Department of History, Princeton, United States</td>
</tr>
</tbody>
</table>
### Urban Nature II

**Chair:** Ranjan Chakrabarti, Vidyasagar University, Jadavpur, India

#### 14:00 – 14:05
**Introduction**  
Ranjan Chakrabarti, Vidyasagar University, Jadavpur, India

#### 14:05 – 14:25 **A219**  
**Hydraulic and Sanitary Infrastructure in Chihuahua City during the Porfiriato, 1892-1911**  
Jaime R. Ruiz  
University of Texas at El Paso, History, El Paso, United States

#### 14:25 – 14:45 **A220**  
**The Colour of Water: Water Purity and the Politics of Race in Early Vancouver**  
Matthew Evenden  
University of British Columbia, Geography, Vancouver, Canada

#### 14:45 – 15:05 **A221**  
**Contested Nightscapes – Conflicts on Artificial Light and “Light Pollution” from an Environmental History Perspective**  
Ute Hasenöhrl  
Leibniz-Institute for Regional Development and Structural Planning, Erkner, Germany

#### 15:05 – 15:25 **A222**  
**Managing the Downtown Environment: Pedestrians, Pollution and Public Space on Toronto’s Yonge St. Mall, 1971-74**  
Daniel Ross  
York University, History, Toronto, Canada

### World War I and the Environment: Extracting Global Natural Resources

**Organizer:** Richard Tucker, University of Michigan, Ann Arbor, United States

#### 14:00 – 14:05
**Introduction**  
Richard Tucker, University of Michigan, Ann Arbor, United States

#### 14:05 – 14:25 **A223**  
**A Baneful Harvest: Agriculture and the Arming of Nations in the First World War**  
Tait Keller  
Rhodes College, History, Memphis, United States

#### 14:25 – 14:45 **A224**  
**Caffeine, the Indispensable Stimulant: Tea and Coffee Production for the War**  
Richard P. Tucker  
University of Michigan, School of Natural Resources and Environment, Ann Arbor, United States

#### 14:45 – 15:05 **A225**  
**Enter Petroleum: The War and the Debut of Oil on the Global State**  
Dan Tamir  
University of Zurich, Zurich, Switzerland

#### 15:05 – 15:15
**Commentary**  
Roger Chickering, Georgetown University, Washington, United States

### Foodscapes in Early Modern Europe and India

**Organizer:** Domink Collet, Heidelberg University, Heidelberg  
**Chair:** Manfred Jakubowski-Tiessen, University of Goettingen, Göttingen

#### 14:00 – 14:05
**Introduction**  
Manfred Jakubowski-Tiessen, University of Goettingen, Göttingen

#### 14:05 – 14:25 **A226**  
**Famine Foodscapes during the Global Famine of 1770-72**  
Domink Collet  
Heidelberg University, Heidelberg Center for the Environment, Heidelberg, Germany
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker(s)</th>
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<tr>
<td>14:25 – 14:45</td>
<td>A227</td>
<td>Pomona's Gifts: Enlightened Debates about Fruit and Vegetable Gardening, 1750-1800</td>
<td>Denise Philipps, University of Tennessee, Department of History, Knoxville, United States</td>
</tr>
<tr>
<td>14:45 – 15:05</td>
<td>A228</td>
<td>Ruling by Hunger? The East India Company and the Bengal Famine of 1770-1772</td>
<td>Dario Kaidel, Heidelberg University, South Asia Institute, Heidelberg, Germany</td>
</tr>
<tr>
<td>15:05 – 15:25</td>
<td>A229</td>
<td>'Natural Disasters in North-East India: Famines in Mizoram since 19th Century'</td>
<td>Jaagdish L. Dawar, Mizoram University, History &amp; Ethnography, Aizawl, India</td>
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<tr>
<td>14:00 – 15:30</td>
<td>C1-03 (CFPG)</td>
<td>Accepted panel</td>
<td>Reconsidering Urban Environment: A Comparative Historical Perspective of Europe and Asia</td>
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<tr>
<td>14:00 – 14:05</td>
<td></td>
<td>Introduction</td>
<td>Mariagrazia D’Emilio, CNR - Consiglio Nazionale delle Ricerche, Tito Scalo, Italy</td>
</tr>
<tr>
<td>14:05 – 14:25</td>
<td>A230</td>
<td>Urbanization and Medication: The Changing Pattern of Illness under Fast Urbanization in West Taiwan</td>
<td>Michael Shi-Yung Liu, Academia Sinica, Institute of Taiwan History, Taipei, Taiwan, Republic of China</td>
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<tr>
<td>14:45 – 15:05</td>
<td>A232</td>
<td>Urbanization, Social Awkwardness and Environmental Crisis in Italy (1946-1992)</td>
<td>Federico Paolini, Seconda Università di Napoli, Dipartimento di Lettere e Beni Culturali, Santa Maria Capua Vetere, Italy</td>
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<tr>
<td>15:05 – 15:25</td>
<td>A233</td>
<td>Urban Environmental Problems in Taiwan and Fujian: A Comparison from Historical Perspective</td>
<td>Ts’ui-Jung Liu, Academia Sinica, Institute of Taiwan History, Taipei, Taiwan, Republic of China</td>
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<tr>
<td>14:00 – 15:30</td>
<td>CO-30 (CFPG)</td>
<td>Accepted panel</td>
<td>Agro-ecological Transitions in Advanced Organic and Industrialized Farm Systems</td>
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<td>14:00 – 14:05</td>
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<td>Introduction</td>
<td>Geoff Cunfer, University of Saskatchewan, Saskatoon, Canada</td>
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<tr>
<td>14:25 – 14:45</td>
<td>A235</td>
<td>Agriculture and Livestock in the Bogota Plateau (Colombia), 18th Century: Land Use and Wetland Management</td>
<td>Katherine Giselle Mora Pacheco, National University of Columbia, History, Bogota, Colombia</td>
</tr>
<tr>
<td>14:45 – 15:05</td>
<td>A236</td>
<td>Sugarcane and the Industrialization of Agriculture: A Socio-ecological Transition in the Cauca River Valley (Colombia)</td>
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Patrick Chassé  
University of Saskatchewan, Saskatoon, Canada |

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</table>
| 14:00 – 15:30 | CO-29 (CFPG) Accepted panel  
Energy Resources Becoming: Development Dreams, Sound Ecologies and Visions of a Hydrocarbon Frontier  
Organizer: Matt Dyce, The University of Winnipeg, Winnipeg, Canada  
Chair: Jonathan Peyton, University of Manitoba, Winnipeg, Canada |
| 14:00 – 14:05 | Introduction  
Jonathan Peyton, University of Manitoba, Winnipeg, Canada |
| 14:05 – 14:25 | Engineering a New Hydrocarbon Frontier: The Western LNG Project and the Problem of Scale  
Jonathan Peyton  
University of Manitoba, Geography, Winnipeg, Canada |
| 14:25 – 14:45 | Technologies of Vision in Late-twentieth Century Canada  
Matt Dyce  
The University of Winnipeg, Department of Geography, Winnipeg, Canada |
| 14:45 – 15:05 | Strategic Metals in a Historical Perspective: Exploring a Concept  
Hanna Vikström  
Royal Institute of Technology, Division of History of Science, Technology and Environment, Stockholm, Sweden |
Max Ritts  
University of British Columbia, Geography, Vancouver, Canada |

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<tr>
<th>Time</th>
<th>Event</th>
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| 15:30 – 16:00 | CFPG Foyer  
Social event  
Coffee Break — CFPG |

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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</table>
| 16:00 – 17:30 | SmAUD (VFMA) Roundtable  
Creating a lasting legacy from WCEH 2014: Environmental histories of the Portuguese world  
There is a recent appeal for an Environmental History and Humanities network in the Portuguese Academy. The WCEH organization has been the perfect opportunity to exchange perspectives among scholars. This round table aims to promote this interdisciplinary area from a humanities point of view. Panelists include scholars and editors, assembled to provide an overview of the engagement of several researchers from different disciplinary areas and departments as well as to outline steps forward. Hopefully the Portuguese Academic environmental history network will be launch from there, promoting cooperation beyond personal informal contacts to institutional support  
Estelita Vaz: Contribution of the School of Sciences to an environmental legacy in Portugal.  
Luís Espinha da Silveira: Supporting Environmental History: roots and involvement.  
Cristina Joanz e Arnaldo de Melo – Reveal crossed perspectives in landscapes development—the opportunity to a publishing disclosing.  
Patrick Kupper – The Porto Summer School as an experienced ESEH project.  
Mauro Agnoletti: Publishing Environmental History: an epistemological take off from the Guimarães/Portugal Congress.  
Inês Amorim – Creating a Portuguese Network of Environmental History and Humanities. |
16:00 – 17:30  
CO-02 (CFPG)  
Accepted panel  
**Botanical Exchange, Garden-making, and Identity in Australia and New Zealand**  
Organizer: Ruth Morgan, Monash University, Melbourne, Australia  
Chair: James Beattie, University of Waikato, Hamilton, New Zealand  

16:00 – 16:05  
Introduction  
James Beattie, University of Waikato, Hamilton, New Zealand  

16:05 – 16:25  
**A242**  
Planting Colonial Roots: Medicinal Plants in Settler Medical Culture, New Zealand, 1850-1920  
Joanna Bishop  
University of Waikato, History, Hamilton, New Zealand  

16:25 – 16:45  
**A243**  
Manipulating History: The Natural Australian Plant Garden, 1945-1985  
Christina Dyson  
University of Melbourne, Melbourne, Australia  

16:45 – 17:05  
**A244**  
Waterscapes of the West: Exploring Water and Garden History in Australia’s West  
Ruth Morgan  
Monash University, Melbourne, Australia  

17:05 – 17:25  
**A245**  
When Did Weeds Become Bad?  
Joslin L. Moore  
Royal Botanic Gardens Melbourne, ARCU, Melbourne, Australia

16:00 – 17:30  
CO-03 (CFPG)  
Accepted panel  
**The Skin of Commerce: The Role of Plastic Packaging in the Construction of Food Security, Waste and Consumer Activism**  
Chair: Gay Hawkins, University of Queensland, Brisbane, Australia  

16:00 – 16:05  
Introduction  
Gay Hawkins, University of Queensland, Brisbane, Australia  

16:05 – 16:25  
**A246**  
Made to Be Wasted: Plastics and the History of Disposability  
Gay Hawkins  
University of Queensland, Centre for Critical and Cultural Studies, Brisbane, Australia  

16:25 – 16:45  
**A247**  
‘Oceans of Plastic’: How Did Microscopic Marine Debris Become a Matter of Global Concern?  
Baptiste Monsaigeon  
Université Paris 1 Panthéon-Sorbonne, Paris, France  

16:45 – 17:05  
**A248**  
Regulatory and Industry Responses to the Health and Environmental Effects of PVC  
Warwick Pearse  
Queensland University of Technology, Public Health and Health Services, Brisbane, Australia

16:00 – 17:30  
CO-04 (CFPG)  
Roundtable  
**Inside Out: Placing Latin American and Caribbean Environmental History in Global Contexts**  
Organizer: Claudia Leal, Universidad de los Andes, Bogotá, Colombia  
Chair: Christof Mauch, Rachel Carson Center for Environment and Society, Munich  

16:00 – 17:30  
**A249**  
Inside Out: Placing Latin American and Caribbean Environmental History in Global Contexts  
Claudia Leal¹, Christof Mauch², Jane Carruthers³, John R. McNeill⁴, John Soluri⁵, José Augusto Pádua⁶
16:00 – 17:30
CO-05 (CFPG)
Composed panel

**Urban Nature III**
Chair: Kathleen Brosnan, University of Oklahoma, Norman, United States

16:00 – 16:05
Introduction
Kathleen Brosnan, University of Oklahoma, Norman, United States

16:05 – 16:25 **A250**
The Modernity of André Le Notre (1613-1700)
Georges Farhat1,2,3
1University of Toronto, Daniels Faculty of Architecture, Landscape and Design, Toronto, Canada,
2University of Toronto, Art Department, Toronto, Canada,
3ENSA Versailles, Laboratoire de l’ENSA-Versailles, Versailles, France

16:25 – 16:45 **A251**
London’s Ghost Acres, 1800-1919: An Advanced Digital History Approach
Jim Clifford
University of Saskatchewan, History, Saskatoon, Canada

16:45 – 17:05 **A252**
Globalization, Migration and City Development in Nigeria-Ibadan Example
Olusoji S. Oyeranmi1,2
1University of South Africa, History, Pretoria, South Africa,
2Olabisi Onabanjo University, History and Diplomatic Studies, Ago Iwoye, Nigeria

16:00 – 17:30
C1-05 (CFPG)
Composed panel

**Environmentalism in Action**
Chair: Bo Poulsen, Aalborg University, Aalborg, Denmark

16:00 – 16:05
Introduction
Bo Poulsen, Aalborg University, Aalborg, Denmark

16:05 – 16:25 **A253**
Seals, Musk-Oxen and Whales: Hunting and its Regulation in the Global Arctic
Karen Oslund
Towson University, History, Towson, United States

16:25 – 16:45 **A254**
José Luiz A. Franco, José A. Drummond
Universidade de Brasilia, Brasilia, Brazil

16:45 – 17:05 **A255**
Simone Schleper
Maastricht University, Department of History, Maastricht, Netherlands

16:00 – 17:30
C1-01 (CFPG)
Accepted panel

**Food from Nature: Traditional Edible Wild Plants**
Organizer: Timo Myllyntaus, University of Turku, School of History, Turku, Finland
Chair: Ulrike Plath, Tallinn University, Institute of History, Tallinn, Estonia

16:00 – 16:05
Introduction
Ulrike Plath, Tallinn University, Institute of History, Tallinn, Estonia

16:05 – 16:25 **A256**
Search for Substitute Food: Experimenting Edible Wild Plants for the Periods of Food Shortages in Preindustrial Finland
Timo Myllyntaus  
University of Turku, School of History, Turku, Finland

16:25 – 16:45 A257  
Studies on the Native Sami Use of Scots Pine Inner Bark and Garden Angelica Revealing Past Human Resource Patterns  
Anna-Maria Rautio  
Swedish University of Agricultural Sciences, Forest Ecology and Management, Umeå, Sweden

16:45 – 17:05 A258  
From the Need to Acknowledged Choice: Changes in the Use of Wild Edible Plants in Estonia within the Last Two Centuries  
Raivo Kalle¹, Renata Sõukand²  
¹University of Life Science, Tartu, Estonia, ²Estonian Literary Museum, Tartu, Estonia

17:05 – 17:25 A259  
Changes in the Use of Wild Food Plants in Poland since the Mid-19th Century  
Łukasz Luczaj  
University of Rzeszów, Institute of Applied Biotechnology and Basic Sciences, Dept. of Botany and Biotechnology of Econoic Plants, Kolbuszowa, Poland

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16:00 – 17:30  
C1-03 (CFPG)  
Accepted panel

De-centering China: The Southwest as the Core in Globalizing China  
Organizer: Shu-Min Huang, Academia Sinica, Taipei, Taiwan, Republic of China  
Chair: Shao-Hua Liu, Academia Sinica, Taipei, Taiwan, Republic of China

16:00 – 16:05  
Introduction  
Shao-Hua Liu, Academia Sinica, Taipei, Taiwan, Republic of China

16:05 – 16:25 A260  
Lashihai: Changing Environmental Protection of an Alpine Lake and Wetland  
Shu-Min Huang  
Academia Sinica, Institute of Ethnology, Taipei, Taiwan, Republic of China

16:25 – 16:45 A261  
Development Schemes and Road Building in the China Southwest since 1949  
Yongming Zhou  
University of Wisconsin, Madison, United States

16:45 – 17:05 A262  
Leprosy and Socialist Hygienic Modernity in Southwest China  
Shao-Hua Liu  
Academia Sinica, Institute of Ethnology, Taipei, Taiwan, Republic of China

17:05 – 17:25 A263  
Impacts of the Development of Eco-cultural Tourism on Interethnic Relationship in Zang-Yi Corridor: The Case of Lugu Lake Located between Sichuan and Yunnan Provinces of China  
Gang Chen  
Yunnan University of Finance and Economics, Center of Social and Behavior Research, Kunming, China

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16:00 – 17:30  
CO-30 (CFPG)  
Accepted panel

Agro-ecological Legacies of International Development; 1945-1990  
Organizer: Jenny Leigh Smith, Georgia Institute of Technology, Atlanta, United States  
Chair: Thomas Robertson, Worcester Polytechnic Institute, Worcester, United States

16:00 – 16:05  
Introduction  
Thomas Robertson, Worcester Polytechnic Institute, Worcester, United States

16:05 – 16:25 A264  
The Goose Laying the Golden Eggs: The Environmental Origins of Post-War Lebanon  
Graham Pitts  
Georgetown University, History, Washington, DC, United States

16:25 – 16:45 A265  
Indonesianized by Americans! Modernity, Nationhood and Agro-ecological Change on Java and Lombok, 1965-1970  
Jenny Leigh Smith  
Georgia Institute of Technology, Atlanta, United States
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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| 16:45 – 17:05 | **A266** Modernization Ideals, Inertia and Change in Urban Water Development in the Decolonized Africa  
David Nilsson  
KTH Royal Institute of Technology, Division of History of Science, Stockholm, Sweden |
| 17:05 – 17:15 | Commentary  
Paul Josephson, Colby College, Colby, United States |
| 16:00 – 17:30 | **CO-29 (CFPG)** Composed panel  
**Writing Environmental Histories**  
Chair: Libby Robin, Australian National University, Canberra, Australia |
| 16:00 – 16:05 | Introduction  
Libby Robin, Australian National University, Canberra, Australia |
| 16:05 – 16:25 | **A267** Beyond Colonialism: Towards a New Environmental History of India  
Arivalagan M. Pandian  
Madras Institute of Development Studies, Chennai, India |
| 16:25 – 16:45 | **A268** Notes from the Edges: Environmental History Writing in Greece  
Vaso Seirinidou  
University of Athens, History and Archaeology, Athens, Greece |
| 16:45 – 17:05 | **A269** Mapping Australia with Words. Environmental Information in 19th Century British Maps of Australia  
Johanna E. Skurnik  
University of Turku, General History, Turku, Finland |
| 17:05 – 17:25 | **A270** Place as a Research Methodology: Notes from the Field  
Merle M.M. Massie  
University of Ottawa, Geography, Ottawa, Canada |
| 17:30 – 19:30 | SmAUD (VFMA) Roundtable  
**U Minho Roundtable: A Green City: Impossible dream or necessity?**  
This session brings together colleagues including representatives from several faculties in the University of Minho (UM) to discuss local and environmental issues – one of the aims of WCEH. Speakers include:  
Moderator: Paula Nogueira  
Roundtable discussants: Dr Domingos Bragança, Mayor of Guimarães; Mauro Agnoletti (University of Florence); Ligia Pinto (Economics, UM); Renato Henriques (Earth Sciences, UM); Rui Baptista (local secondary schools); José Cardoso Teixeira (responsible for restoration of the Couros area, as Civil Engineer, Engineering, UM). |
| 17:30 – 19:00 | **CO-20 (CFPG)** Association meeting  
**Environment & History Editorial Board Meeting** |
| 17:30 – 19:00 | **CO-19 (CFPG)** Association meeting  
**European Society for Environmental History (ESEH) Board Meeting** |
| 20:00 – 22:00 | Paço dos Duques de Bragança, Guimaraes  
Social event |
Congress Banquet
Additional payment required. Tickets at the registration desk

11.07.2014

08:45 – 10:15 CO-04 (CFPG) Accepted panel

The Limits of La Longue Durée: Earth System Science, Environmental Crisis and Braudelian Historiography in the Anthropocene
Organizer: Eric Paglia, Royal Institute of Technology, Stockholm, Sweden
Chair: Peder Roberts, KTH Royal Institute of Technology, Stockholm, Sweden

08:45 – 08:50
Introduction
Peder Roberts, KTH Royal Institute of Technology, Stockholm, Sweden

08:50 – 09:10 A271
Crisification and the Renaissance of Limits
Eric Paglia
Royal Institute of Technology, Stockholm, Sweden

09:10 – 09:30 A272
Cocooning Constraint: Models as Soft Modifiers of the Human Enterprise
Nina Wormbs
Royal Institute of Technology, Division of History of Science, Technology and Environment, Stockholm, Sweden

09:30 – 09:50 A273
Historians of the Future: Emerging Historiographies of the Anthropocene
Sverker Sörlin
Royal Institute of Technology, Division of History of Science, Technology and Environment, Stockholm, Sweden

09:50 – 10:00 Commentary
John McNeill, University of Georgetown, Washington D.C., United States

09:00 – 10:30 CO-02 (CFPG) Accepted panel

Energy and Agro-ecosystems I
Organizer: Geoff Cunfer, University of Saskatchewan, Saskatoon, Canada
Chair: Fridolin Krausmann, Alpen Adria University Klagenfurt, Vienna, Austria

09:00 – 09:05
Introduction
Fridolin Krausmann, Alpen Adria University Klagenfurt, Vienna, Austria

09:05 – 09:25 A274
Drivers, Paths and Consequences of the End of Organic Farm Systems in Catalonia and Mallorca (Spain): An Energy Analysis Linked to Land-use Changes from the Mid-19th to Mid-20th Centuries
Elena Galan del Castillo1, Enric Tello1, Ines Marco2, Joan Marull2, Ivan Murray3, Onofre Fullana3, Elena Domene2, Carme Font2
1University of Barcelona, Barcelona, Spain, 2Universidad Autónoma de Barcelona, Barcelona, Spain, 3Universitat de les Illes Balears, Mallorca, Spain

09:25 – 09:45 A275
The Return on Investment (EROI) in Spanish Agro-ecosystems from the 19th Century to the Present
Gloria Guzman1, Roberto Garcia Ruiz2, Juan Infante Amate1, David Soto Fernandez1, Eduardo Aguilera Fernandez1, Antonio Cid Escudero1, Manuel Gonzalez de Molina1
1Universidad Pablo de Olavide, Seville, Spain, 2Universidad de Granada, Granada, Spain

09:45 – 10:05 A276
Fossil Corridors: Canals, Fertilizers and Yorkshire Agriculture, 1775-1830
Dave Zybarberg
York University, Toronto, Canada
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<tr>
<th>Time</th>
<th>Session Code</th>
<th>Title</th>
<th>Authors</th>
<th>Affiliations</th>
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<tr>
<td>10:05 – 10:25</td>
<td>A277</td>
<td>Changing Energy and Nutrient Flows in Agroecosystems in France over the Last 200 Years</td>
<td>Petros Chatzimpiros</td>
<td>University Paris Diderot, Paris, France</td>
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<td>09:00 – 10:30</td>
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<td>CO-03 (CFPG) Accepted panel</td>
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<td><strong>River, Region, Watershed: Scales in the Environmental History of Water Systems</strong></td>
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<td>Organizer: Giacomo Parrinello, Louisiana State University, Baton Rouge, United States</td>
<td>Chair: Craig Colten, Louisiana State University, Baton Rouge, United States</td>
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<td>09:00 – 09:05</td>
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<td><strong>Introduction</strong></td>
<td>Craig Colten, Louisiana State University, Baton Rouge, United States</td>
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<td>09:05 – 09:25</td>
<td>A278</td>
<td><strong>Scales and Narratives in the Environmental History of the Po River</strong></td>
<td>Giacomo Parrinello</td>
<td>Louisiana State University, Baton Rouge, United States</td>
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<td>09:25 – 09:45</td>
<td>A279</td>
<td><strong>Framing the Fluvial Landscape: Revisiting the Regional Scale</strong></td>
<td>Craig E. Colten</td>
<td>Louisiana State University, Baton Rouge, United States</td>
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<td>09:45 – 10:05</td>
<td>A280</td>
<td><strong>Environmental History on the Watershed Scale: Lake Superior</strong></td>
<td>Nancy Langston</td>
<td>Michigan Technological University, Department of Social Sciences, Houghton MI, United States</td>
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<tr>
<td>10:05 – 10:25</td>
<td>A281</td>
<td><strong>Perspectives of Scale: The Unpredictable Water Levels of Lake Vänern (Sweden)</strong></td>
<td>Eva Jakobsson</td>
<td>University of Stavanger, Stavanger, Norway</td>
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<td>09:00 – 10:30</td>
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<td>CO-05 (CFPG) Accepted panel</td>
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<td><strong>Before the Disasters? Environmental Histories of Marine Oil Pollution after World War Two</strong></td>
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<td>Organizer: Simo Laakkonen, University of Turku, Pori, Finland</td>
<td>Chair: Poul Holm, Trinity College, Dublin, Ireland</td>
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<td>09:00 – 09:05</td>
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<td><strong>Introduction</strong></td>
<td>Poul Holm, Trinity College, Dublin, Ireland</td>
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<tr>
<td>09:05 – 09:25</td>
<td>A282</td>
<td><strong>Civic Action and Coastal Oil Pollution in Sweden Prior to 1977</strong></td>
<td>Simo Laakkonen</td>
<td>University of Turku, Landscape Studies, Pori, Finland</td>
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<tr>
<td>09:25 – 09:45</td>
<td>A283</td>
<td><strong>Marine oil Accidents and Spills in Finnish Television 1958-1969</strong></td>
<td>Ottoaleksi Tähkäpää</td>
<td>University of Turku, Pori, Finland</td>
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<tr>
<td>09:45 – 10:05</td>
<td>A284</td>
<td><strong>Aspects of Marine Oil Pollution in the USSR</strong></td>
<td>Alla Bolotova</td>
<td>Independent Scholar, Saint Petersburg, Russian Federation</td>
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<tr>
<td>10:05 – 10:25</td>
<td>A285</td>
<td><strong>Towards the First International Convention against Marine Oil Pollution</strong></td>
<td>Anna-Katharina Woebse</td>
<td>Independent Scholar, Bremen, Germany</td>
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<td>09:00 – 10:30</td>
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<td>C1-05 (CFPG) Composed panel</td>
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<td></td>
<td><strong>Artistic Representations of Nature</strong></td>
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<td>Chair: Jon Mathieu, Universität Luzern Frohburgstrasse 3 CH-6002 Luzern, Luzern, Switzerland</td>
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<td>Jon Mathieu, Universität Luzern Frohburgstrasse 3 CH-6002 Luzern, Luzern, Switzerland</td>
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<td>09:05 – 09:25</td>
<td>A286</td>
<td>Nature’s Idealized Portrayals: Canadian National Parks Branch and the Construction of the National Park Ideal in Promotional Brochures</td>
<td>Paula Saari, University of Helsinki, Department of Philosophy, History, Culture and Art Studies, Helsinki, Finland</td>
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<td>09:25 – 09:45</td>
<td>A287</td>
<td>The Environmental Dimensions of Modern Consciousness: Lewis Mumford, Everyday Trauma and the Art of Rediscovery</td>
<td>Aaron Sachs&lt;sup&gt;1,2&lt;/sup&gt;</td>
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<td>1Cornell University, History, Ithaca, United States, 2Charles Warren Center, Harvard University, Cambridge, United States</td>
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<td>09:45 – 10:05</td>
<td>A288</td>
<td>Picturing Human/Non-human Relations: Contemporary Art’s Aesthetics of Entanglement</td>
<td>Emily Scott</td>
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<td>Swiss Federal Institute of Technology, Institute for the History and Theory of Architecture, Zurich, Switzerland</td>
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<td>10:05 – 10:25</td>
<td>A289</td>
<td>The Imagination of Global Environmental Disaster in Recent Eco-Thrillers</td>
<td>Mirjam Gebauer</td>
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<td>Aalborg University, Institut for Kultur og Globale Studier, Aalborg Ø, Denmark</td>
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<td>09:00 – 10:30</td>
<td>C1-01 (CFPG)</td>
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<td>09:00 – 09:05</td>
<td>Introduction</td>
<td></td>
<td>Rudolf Brázdil, Masaryk University, Brno, Czech Republic</td>
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<td>09:05 – 09:25</td>
<td>A290</td>
<td>Hydro-climate History of the Czech Lands Reconstructed from Tree-rings, Documentary Sources and Instrumental Measurements since AD 1500</td>
<td>Petr Dobrovolný&lt;sup&gt;1&lt;/sup&gt;, Rudolf Brázdil&lt;sup&gt;1&lt;/sup&gt;, Michal Rybníček&lt;sup&gt;2&lt;/sup&gt;, Tomáš Kolář&lt;sup&gt;2&lt;/sup&gt;, Hubert Valášek&lt;sup&gt;3&lt;/sup&gt;, Oldřich Kotyza&lt;sup&gt;4&lt;/sup&gt;</td>
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<td>1Masaryk University, Dept. of Geography, Brno, Czech Republic, 2Global Change Research Centre AS CR, Brno, Czech Republic, 3Regional Museum, Litoměřice, Czech Republic, 4Regional Museum, Litoměřice, Czech Republic</td>
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<td>09:25 – 09:45</td>
<td>A291</td>
<td>Climate and Hydrometeorological Extremes Derived from Documentary Evidence in the Czech Lands for the 16th Century</td>
<td>Ladislava Řezníčková&lt;sup&gt;1,2&lt;/sup&gt;, Rudolf Brázdil&lt;sup&gt;1,2&lt;/sup&gt;, Oldřich Kotyza&lt;sup&gt;3&lt;/sup&gt;, Petr Dobrovolný&lt;sup&gt;1,2&lt;/sup&gt;, Hubert Valášek&lt;sup&gt;4&lt;/sup&gt;</td>
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<td>09:45 – 10:05</td>
<td>A292</td>
<td>400-year of Meteorological and Hydrological Extremes in Southern Moravia, Czech Republic, Based on Taxation Records</td>
<td>Rudolf Brázdil&lt;sup&gt;1,2&lt;/sup&gt;, Hubert Valášek&lt;sup&gt;3&lt;/sup&gt;, Kateřina Chromá&lt;sup&gt;2&lt;/sup&gt;, Lukáš Dolák&lt;sup&gt;4&lt;/sup&gt;</td>
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<td>10:05 – 10:15</td>
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<td>Commentary</td>
<td>Christian Pfister, University of Bern, Bern, Switzerland</td>
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<td>09:00 – 10:30</td>
<td>C1-03 (CFPG)</td>
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<td>09:00 – 09:05</td>
<td>Introduction</td>
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<td>09:05 – 09:25</td>
<td>A293</td>
<td>Fires on the Hills, Fires in the Forests: Peri-urban and Wildland Fire Regimes in Mediterranean-type Ecosystems and Environmental History</td>
<td>Jack Hayes, Kwantlen Polytechnic University, Surrey, Canada</td>
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<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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<tr>
<td>09:00 – 09:05</td>
<td><strong>Introduction</strong></td>
<td></td>
<td>Jack Hayes</td>
<td>Kwantlen Polytechnic University, Surrey, Canada</td>
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<tr>
<td>09:05 – 09:25</td>
<td>A293</td>
<td>Shandong Fire Regimes: Patterns of Fire and Human Behavior in Eastern China</td>
<td>Jack P. Hayes</td>
<td>Kwantlen Polytechnic University, Department of History &amp; Asian Studies, Surrey, Canada</td>
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<tr>
<td>09:25 – 09:45</td>
<td>A294</td>
<td>LA is Burning! LA is Burning! Urban Development, Public Policy, and Wildland Fire in Southern California, 1912 – 2014</td>
<td>Char Miller</td>
<td>Pomona College, Environmental Analysis Program, Claremont, United States</td>
</tr>
<tr>
<td>09:45 – 10:05</td>
<td>A295</td>
<td>Recent Fire Environmental History in the Mediterranean</td>
<td>Mario G. Pereira</td>
<td>University of Trás-os-Montes e Alto Douro, Centre for Research and Technology of Agro-Environment and Biological Sciences (CITAB), Vila Real, Portugal</td>
</tr>
<tr>
<td>10:05 – 10:25</td>
<td>A296</td>
<td>Science, Politics and Ideology between Two Wildfires in Israel’s Carmel Forest</td>
<td>Daniel Orenstein</td>
<td>Technion - Israel Institute of Technology, Faculty of Architecture and Town Planning, Haifa, Israel</td>
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<tr>
<td>09:00 – 10:30</td>
<td><strong>CO-30 (CFPG)</strong></td>
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<td><strong>Disaster and Risk</strong></td>
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<tr>
<td>09:00 – 09:05</td>
<td><strong>Introduction</strong></td>
<td></td>
<td>Philip Brown</td>
<td>The Ohio State University, Columbus, United States</td>
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<tr>
<td>09:05 – 09:25</td>
<td>A297</td>
<td>Floods, Worms and Cattle Plague: Continuity and Change during a “Period of Disaster” in the Netherlands</td>
<td>Adam Sundberg</td>
<td>University of Kansas, History, Lawrence, United States</td>
</tr>
<tr>
<td>09:25 – 09:45</td>
<td>A298</td>
<td>Historical Geography of Torrent Control in Alpine Regions of Europe, 18th-20th Century</td>
<td>Andreas Dix</td>
<td>University of Bamberg, Historical Geography, Institute of Geography, Bamberg, Germany</td>
</tr>
<tr>
<td>09:45 – 10:05</td>
<td>A299</td>
<td>Managing Risks: The Development of Transportation Insurance Services and Attitudes towards Environmental and Man-made Hazards in the 19th Century Russia</td>
<td>Aleksandra Bekasova^1,2</td>
<td>^1European University at St. Petersburg, Department of History, St. Petersburg, Russian Federation, ^2National Research University Higher School of Economics, Department of History, St. Petersburg, Russian Federation</td>
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<tr>
<td>10:05 – 10:25</td>
<td>A300</td>
<td>Insurance as Adaptation? Hurricane Betsy and the Evolution of the National Flood Insurance Program in the United States, 1965-2005</td>
<td>Eleonora Rohland</td>
<td>Institute for Advanced Study in the Humanities, Climate &amp; Culture, Essen, Germany</td>
</tr>
<tr>
<td>09:00 – 10:30</td>
<td><strong>CO-29 (CFPG)</strong></td>
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<td></td>
<td><strong>A Challenge for Environmental History: Constructive Engaging with Multiple Disciplinary Research on Environmental Challenges</strong></td>
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<tr>
<td>09:00 – 09:05</td>
<td><strong>Introduction</strong></td>
<td></td>
<td>Simon Pooley</td>
<td>Imperial College London, Ascot, United Kingdom</td>
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<tr>
<td>09:05 – 09:25</td>
<td>A301</td>
<td>The Whole Shebang: Big History and the Future of Environmental Humanities</td>
<td>Lisa H. Sideris</td>
<td>Indiana University, Bloomington, United States</td>
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<td>Time</td>
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<td>09:25 – 09:45</td>
<td>A302</td>
<td>Interdisciplinary Research and Upland Environmental Change in St. Lucia, West Indies</td>
<td>Bradley B. Walters</td>
<td>Mount Allison University, Sackville, Canada</td>
</tr>
<tr>
<td>09:45 – 10:05</td>
<td>A303</td>
<td>Crossing Intellectual and Professional Frontiers: Historians and the Challenge of Multidisciplinary Research Projects</td>
<td>Ronald E. Doel</td>
<td>Florida State University, Tallahassee, United States</td>
</tr>
<tr>
<td>10:05 – 10:25</td>
<td>A304</td>
<td>Historians Are from Venus, Ecologists Are from Mars? The Role of History in Multiple Disciplinary Research on Environmental Challenges</td>
<td>Simon Pooley</td>
<td>Imperial College London, Imperial College Conservation Science, Ascot, United Kingdom</td>
</tr>
<tr>
<td>09:00 – 10:30</td>
<td>CO-31</td>
<td>“Socio-natural Sites” as an Analytical Tool in Water-related Environmental History</td>
<td>Michael Toyka-Seid, Technische Universität Darmstadt, Darmstadt</td>
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</tr>
<tr>
<td>09:05 – 09:25</td>
<td>A305</td>
<td>“Sugar Water”: Transforming Landscapes in Late 19th Century Brunswick</td>
<td>Agnes Kneiz</td>
<td>Renmin University of China, Beijing, China</td>
</tr>
<tr>
<td>09:25 – 09:45</td>
<td>A306</td>
<td>Vienna and the Danube: The Merits and Downsides of Looking at City-river Interactions Conceptually</td>
<td>Martin Schmidt¹, Verena Winiwarter²</td>
<td>¹Alpen-Adria-Universität Klagenfurt, Social Ecology, Wien, Austria, ²Alpen Adria University Klagenfurt, Interdisciplinary Research and Education, Wien, Austria</td>
</tr>
<tr>
<td>09:45 – 10:05</td>
<td>A307</td>
<td>Small Urban Waters as Socio-natural Sites: Visible Water in the Environmental History of Mainz and Wiesbaden</td>
<td>Michael Toyka-Seid</td>
<td>Technische Universität Darmstadt, History Department, Darmstadt, Germany</td>
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<tr>
<td>10:05 – 10:15</td>
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<td>Commentary</td>
<td>Maurits Ertsen</td>
<td>Delft University of Technology, Delft, Netherlands</td>
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<td>10:30 – 11:00</td>
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<td>Coffee Break — CFPG</td>
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<td>11:00 – 12:30</td>
<td>SmAUD</td>
<td>Poster Session</td>
<td>Chair: Graeme Wynn, University of British Columbia, Vancouver, Canada</td>
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<tr>
<td>11:00 – 11:02</td>
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<td>Introduction</td>
<td>Graeme Wynn, University of British Columbia, Vancouver, Canada</td>
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<tr>
<td>11:02 – 11:05</td>
<td>A308</td>
<td>The Gleno’s Dam Catastrophe as Apocalypse. Environmental History, Narratives and Poetics of the First Alpine Technological Disaster (Lombardy / Italy – First of December 1923)</td>
<td>Roberto Albanese</td>
<td>Green Man Institute, Monza, Italy</td>
</tr>
<tr>
<td>11:05 – 11:08</td>
<td>A309</td>
<td>A Double Landscape Shaped by a Century of Logging Industry and Resort Development in Prahova Valley and the Surrounding Mountains</td>
<td>Alina Huzui-Stoiculescu¹², Robert Stoiculescu¹, Ileana Patru-Stupariu¹, Adrian Nicolae³</td>
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</tbody>
</table>
The Role of Waste Pickers in the Environmental History: The Pickers’ Experience in the Gramacho Dump at Duque de Caxias – RJ – Brazil
Rosa Maria C. Alvarenga
Centro de Ação Comunitária, Environmental Education, Rio de Janeiro, Brazil

Local Environmental Knowledge and Cultural Landscape Dynamics: Aristolochia rotunda L. (Ligurian Apennines – Italy)
Raffaella Bruzzone¹, Roberta Cevasco²
¹University of Genova, LASA, Genova, Italy, ²Università del Piemonte Orientale, CAST, Alessandria, Italy

Density of Watermills’ Location within the Lower Vistula River Basin (Poland) Before the Industrial Revolution
Dariusz Brykala
Polish Academy of Sciences, Institute of Geography and Spatial Organization, Torun, Poland

UK National Grid: Mapping Environmental History
Kayt S. Button
University of East Anglia, History, Norwich, United Kingdom

The Sonic Natures of Bill Gunn
Laura J. Cameron¹, Matthew R. Rogalsky²
¹Queen’s University, Geography, Kingston, Canada, ²Queen’s University, Music, Kingston, Canada

Interpreting the Environmental History of the Ohio River: A Study of Public Parks
Laurel L. Cornell
Indiana University, Sociology, Studio Art, EALC, Bloomington, United States

At the Borders of Empires: Environment and Marginality in the Mediterranean Croatia
Borna Fuerst-Bjeliš, Marin Cvitanović
University of Zagreb, Zagreb, Croatia

Late Holocene Human Impact on the Landscape in the Cabreira Mountain and Upper Terva Valley, Northern Portugal
Carla Ferreira¹, Gill Plunkett¹, Luis Fontes²
¹The Queen’s University Belfast, School of Geography, Archaeology and Palaeoecology, Belfast, United Kingdom, ²Universidade do Minho, Braga, Portugal

Extinct Ponds in the Czech Republic
Renata Pavelková Chmelová, Jindřich Frajer
Palacky University, Faculty of Science, Department of Geography, Olomouc, Czech Republic

Where the Wild Things Weren’t: the Re-wilding of Ligurian Culinary Landscapes, 1800-2012
Robert A. Hearn
Universita degli Studi di Genova, Laboratorio di Archeologia e Storia Ambientale, Genova, Italy

Environmental History in Action: The Public Lands History Center at Colorado State University
Adrian Howkins
Colorado State University, Fort Collins, United States

Reconstruction of Spring and Flood Irrigation System in Northern China from Inscriptions on the Water Conservancy and Water Trade
Shinobu Iguro
Waseda University, Institute for Advanced Study, Tokyo, Japan
11:47 – 11:50  A323  Play and Place: Procedural Landscapes and Simulated Nature in Computer Games  
Finn Arne Jørgensen  
Umeå University, Department of Historical, Philosophical, and Religious Studies, Umeå, Sweden

Ulrich Koppitz  
Heinrich-Heine-Univ. Düsseldorf, Medical History Library, Düsseldorf, Germany

Elena Kuligina  
European University at Saint Petersburg, History, Saint Petersburg, Russian Federation

11:56 – 11:59  A326  "The Dinner Party" – A Celebration of Nature’s Abundance and a Recognition of our Mutual Dependence  
Kevin Lair¹, Elizabeth A. Walden²  
¹Indiana University, IUCA+D/AMID, Columbus, United States, ²Bryant University, Smithfield, United States

11:59 – 12:02  A327  The Management of Organic Waste Products in Marseilles City in the Late 19th Century: A Little Known Aspect of the Cleansing of the Mediterranean Metropolis  
Nicolas Maughan  
University of Aix-Marseille, LATP, UMR-CNRS 7353, Marseilles, France

12:02 – 12:05  A328  Impact of WW II and Russian Occupation on the Forest Resources of the Military Training Area Döllersheim/Allentsteig (Austria)  
Sofie Mittas  
Alpen Adria University Klagenfurt, IFF, Vienna, Austria

12:05 – 12:08  A329  Persistence and Change in the Environmental and Agricultural History of Burgundy, France  
Seth Murray¹, Elizabeth A. Jones¹, Scott Madry², Amanda Tickner³  
¹North Carolina State University, International Studies, Raleigh, United States, ²University of North Carolina, Research Laboratories of Archaeology, Chapel Hill, United States, ³University of North Carolina, School of Information and Library Sciences, Chapel Hill, United States

12:08 – 12:11  A330  Tracking Abrupt Environmental Change through a Lens of History  
Prateep K. Nayak  
University of Waterloo, Faculty of Environment, Waterloo, Canada

12:11 – 12:14  A331  A Central-European Perspective on the Learning-through-the-Past Paradigm in Disaster Studies  
Pavel Raska¹, Vilem Zabransky²  
¹Jan Evangelista Purkyne University, Department of Geography, Usti nad Labem, Czech Republic, ²Jan Evangelista Purkyne University, Department of History, Usti nad Labem, Czech Republic

12:14 – 12:17  A332  Brazil’s Era of Epidemics, 1850-1910  
Ian W. Read  
Soka University of America, International Studies, Aliso Viejo, United States

12:17 – 12:20  A333  Conserving Subterranean Heritage: Exploring the Cultural History of Lead Mining Soughs in the Derbyshire Peak District  
Carry van Lieshout  
University of Nottingham, Geography, Nottingham, United Kingdom

12:20 – 12:23  A334  Sources for an Environmental History of Sri Lanka  
Anna E. Winterbottom¹,²  
¹McGill University, Indian Ocean World Centre (History), Montreal, Canada, ²University of Sussex, Centre for World Environmental History, Falmer, United Kingdom

11:00 – 12:30  CO-02 (CFPG)  
Accepted panel  

**Energy and Agro-ecosystems II**  
Organizer: Geoff Cunfer, University of Saskatchewan, Saskatoon, Canada  
Chair: Stefania Gallini, National University of Colombia, Bogota, Colombia

11:00 – 11:05  Introduction  
Stefania Gallini, National University of Colombia, Bogota, Colombia
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<td>Alpen Adria University Klagenfurt, Vienna, Austria</td>
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<tr>
<td>11:25 – 11:45</td>
<td>A336</td>
<td>Landscape Patterns and Energy Use: A Proposal for Measuring Complexity in Internal Agro-ecosystem Processes</td>
<td>Carme Font Moragon¹, Joan Marull¹, Enric Tello², Elena Galan del Castillo²</td>
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<td>¹Universidad Autónoma de Barcelona, Barcelona, Spain, ²University of Barcelona, Barcelona, Spain</td>
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<tr>
<td>11:45 – 12:05</td>
<td>A337</td>
<td>Changing Energy Profiles of Agro-ecosystems through Socio-ecological Transitions from Traditional Organic to Industrial Farm Systems</td>
<td>Enric Tello</td>
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<td>University of Barcelona, Barcelona, Spain</td>
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<td>11:00 – 11:05</td>
<td>CO-03</td>
<td>America’s Best Idea?: Americans and the Global Spread of National Parks in the Twentieth Century</td>
<td>Thomas Robertson, Worcester Polytechnic Institute, Worcester, United States</td>
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<td>Chair: Ian Tyrell, University of New South Wales, Sydney, Australia</td>
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<td>11:05 – 11:25</td>
<td>A338</td>
<td>The Export of National Parks in an Age of American Empire, 1898-1940</td>
<td>Ian Tyrell</td>
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<td>University of New South Wales, Sydney, Australia</td>
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<td>11:25 – 11:45</td>
<td>A339</td>
<td>The Advent of International Space: Parks along the Periphery of Canada, Mexico, and the United States</td>
<td>Neel Baumgardner</td>
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<td>Southern Methodist University (SMU), Clements Center for Southwest Studies, Dalles, United States</td>
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<td>11:45 – 12:05</td>
<td>A340</td>
<td>Parks, Poverty and Power: Russell Train and the Politics of Preservation in Post-colonial Africa</td>
<td>Stephen Macekura</td>
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<td>University of Virginia (UVA), Institute for Advanced Studies in Culture, Charlottesville, United States</td>
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<td>12:05 – 12:15</td>
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<td>Commentary</td>
<td>Thomas Robertson, Worcester Polytechnic Institute, Worcester, United States</td>
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<td>11:00 – 11:05</td>
<td>CO-04</td>
<td>When a Tree is not a Tree</td>
<td>Ellen Arnold, Ohio Wesleyan University, Delaware, United States</td>
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<tr>
<td>11:05 – 11:25</td>
<td>A341</td>
<td>Trees – Re-visioning a National Symbol within the Israeli-Palestinian Conflict</td>
<td>Edna Gorney</td>
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<td>Haifa University, Women and Gender Studies Program, Haifa, Israel</td>
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<td>11:25 – 11:45</td>
<td>A342</td>
<td>Trees and Monuments: Environmentalism and Historical Preservation in Late Imperial Russia (1830s-1917)</td>
<td>Ekaterina Pravilova</td>
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<td>Princeton University, Department of History, Princeton, United States</td>
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<td>11:45 – 12:05</td>
<td>A343</td>
<td>Forests &amp; the Conception of 'National Economy': A Reversal of Trend from the Late Ottoman Empire to the Early Turkish Republic</td>
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</table>
Global environmental concern before and after Stockholm.
Organizer: Jan-Henrik Meyer, University of Munich, Munich
Chair: Frank Zelko, University of Vermont, Burlington, VT, United States

"Doomsayings" or “Scientific Modeling”: Scenarios of Global Collapse
Iris Borowy
RWTH Aachen University, Institut für Geschichte, Theorie und Ethik der Medizin, Aachen, Germany

Environmental History and the Challenge of the Global. Conceptualizing International Organizations and Environmental Protection
Wolfram Kaiser, Jan-Henrik Meyer
1. University of Portsmouth, School of Social, Historical and Literary Studies, Portsmouth, United Kingdom, 2. University of Munich, Rachel Carson Center for Environment and Society, Munich, Germany

In the Wake of Stockholm. International Organizations and the Emergence of a European Environmental Policy in the 1970s
Jan-Henrik Meyer1,2
1. University of Munich, Rachel Carson Center for Environment and Society, Munich, Germany, 2. Aarhus Universitet, Institute for Culture and Society, Aarhus, Denmark

Protecting the Southern Ocean Ecosystem: The Environmental Protection Agenda of Antarctic Diplomacy and Science
Alessandro Antonello
Australian National University, School of History, Research School of Social Sciences, Canberra, Australia

Towards an Iconic Turn in Environmental History (?) – How Pictures Influence our Perceptions of Natural Disasters and Climate Change
Organizer: Christian Rohr, University of Bern, Bern, Switzerland
Chair: Matt Dyce, The University of Winnipeg, Winnipeg, Canada

Snapping Memories: Analyzing Early Photographs of Natural Disasters with Serial Iconographical Methods
Christian Rohr
University of Bern, Institute of History, Bern, Switzerland

How the Blue Marble Made History
Silke Vetter-Schultheiss
Darmstadt University of Technology, Department of History, Darmstadt, Germany

Spirits from Ashes. The 1906 San Francisco Great Earthquake and Fire in Images
Jacob Birken
University of Heidelberg, Heidelberg, Germany
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| 12:30 – 16:00| Vila Flor Exhibition space  
Poster Session  
**Poster display** |
| 12:30 – 14:00| Venues TBA  
Social event  
**Lunch** |
| 14:00 – 15:30| CO-02 (CFPG)  
Accepted panel  
**Water, Infrastructure and Rule; Regional and Historical Perspectives**  
Organizer: Peter Mollinga, SOAS University of London, London, United Kingdom  
Chair: Julia Obertreis, University of Erlangen-Nürnberg, Erlangen |
| 14:00 – 14:05| **Introduction**  
Julia Obertreis, University of Erlangen-Nürnberg, Erlangen |
| 14:05 – 14:25| **A351**  
Canals, Complexity and Governance: A Historical Perspective on Large Scale Irrigation Design in India and Uzbekistan  
Peter P. Mollinga¹, Gert Jan Veldwisch²  
¹SOAS University of London, Development Studies, London, United Kingdom, ²Wageningen University, Water Resources Management, Wageningen, Netherlands |
| 14:25 – 14:45| **A352**  
Networks of Power – Irrigation and Politics in Soviet Uzbekistan, 1930s to 1980s  
Julia Obertreis  
University of Erlangen-Nürnberg, History, Erlangen, Germany |
| 14:45 – 15:05| **A353**  
Water Saving and the Politics of Urban Infrastructures in Twentieth Century Berlin  
Timothy Moss  
Institute for Regional Development and Structural Planning (IRIS), Erkner, Germany |
| 15:05 – 15:15| **Commentary**  
Christine Bichsel, University of Fribourg, Fribourg, Switzerland |
| 14:00 – 15:30| CO-03 (CFPG)  
Composed panel  
**Water and Agency**  
Chair: Ellen Arnold, Ohio Wesleyan University, Delaware, United States |
| 14:00 – 14:05| **Introduction**  
Ellen Arnold, Ohio Wesleyan University, Delaware, United States |
| 14:05 – 14:25| **A354**  
Colonial State Responses to Water Scarcity in Southwestern Matabeleland, Southern Rhodesia, 1890- 1972  
Muchaparara Musemwa  
University of the Witwatersrand, History, Johannesburg, South Africa |
| 14:25 – 14:45| **A355**  
Rethinking Hydropolitics: Water and Environmental Governance in Post-colonial Zimbabwe (1990-2013)  
Mark - Nyandoro  
University of Zimbabwe, Economic History, Harare, Zimbabwe |
| 14:45 – 15:05| **A356**  
River Morphology, Colonialism and Society in Mid-Gangetic Basin, South Asia  
Vipul Singh  
University of Delhi, Department of History, New Delhi, India |
### 15:05 – 15:25 A357

**'A Tale of Two Rivers' Nature Discourses in 1970s Scandinavia**  
Ole Kallelid  
University of Stavanger, Department of Languages and Cultural Studies, Stavanger, Norway

### 14:00 – 15:30

**CO-04 (CFPG)**  
Accepted panel

**Urban Farming throughout History – Part 1: More than Shovels, Henhouses and Seed: Urban Farming as a Promoter for Structural and Cultural Change from the Middle Ages to the 20th Century**  
Organizer: Daniel Burkhard, University of Berne, Berne, Switzerland  
Chair: Christian Rohr, University of Bern, Bern, Switzerland

### 14:00 – 14:05

**Introduction**  
Christian Rohr, University of Bern, Bern, Switzerland

### 14:05 – 14:25 A358

1. **Foul Fowl: The Challenges of Keeping Birds in Medieval Urban Spaces**  
Dolly Jorgensen  
Umeå University, Department of Ecology & Environmental Science, Umeå, Sweden

### 14:25 – 14:45 A359

2. **Cabbage, Beans and Apples: Agricultural Production within the City Walls in the Western Part of the Swiss Confederacy during the Late Middle Ages and the Early Modern Period**  
Chantal Camenisch  
University of Berne, History, Bern, Switzerland

### 14:45 – 15:05 A360

3. **From Subsistence to the Right to the City: Historical Approach to the Moral, Political and Urban Values Associated to Food Production in Cities in the United States**  
Sandrine Baudry  
Institut National de la Recherche Agronomique (INRA), Paris, France

### 15:05 – 15:25 A361

4. **Land Allotment to the Working Classes**  
Liesbeth van de Grift  
Radboud University Nijmegen, Political History and German Studies, Nijmegen, Netherlands

### 14:00 – 15:30

**CO-05 (CFPG)**  
Composed panel

**Global Perspectives on the Environment**  
Chair: Julia Lajus, National Research University Higher School of Economics, St. Petersburg, Russian Federation

### 14:00 – 14:05

**Introduction**  
Julia Lajus, National Research University Higher School of Economics, St. Petersburg, Russian Federation

### 14:05 – 14:25 A362

Shoko Mizuno  
Kyushu Sangyo University, Faculty of Economics, Fukuoka, Japan

### 14:25 – 14:45 A363

**Putting Global Advice in its Place Ecological Experts as “Rooted Cosmopolitans”: The Case of the United Nations Environmental Programme (1972-1992)**  
Hans Schouwenburg  
Maastricht University, History, Maastricht, Netherlands

### 14:45 – 15:05 A364

**From an Imperial Borders and Iron Curtain to UNESCO’s Biosphere Reserve “Mura-Drava-Danube”**  
Hrvoje Petric  
University of Zagreb, History, Zagreb, Croatia

### 15:05 – 15:25 A365

**Earth Imagery: From Data to Environment**  
Johan G. Gärdebo  
Royal Institute of Technology, KTH Environmental Humanities Lab, Uppsala, Sweden
### Route Ways and Exploration

**Organizer:** Tatjana Jackson, Russian Academy of Sciences, Moscow, Russian Federation  
**Chair:** Irina Konovalova, Russian Academy of Sciences, Moscow, Russian Federation

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<tr>
<td>14:00 – 14:05</td>
<td></td>
<td><strong>Introduction</strong></td>
<td>Irina Konovalova, Russian Academy of Sciences, Moscow, Russian Federation</td>
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<td>14:05 – 14:25</td>
<td>A366</td>
<td>Trade Routes in the Northern Black Sea Region in Antiquity</td>
<td>Alexandr V. Podossinov, Russian Academy of Sciences, Institute of World History, Moscow, Russia</td>
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<tr>
<td>14:25 – 14:45</td>
<td>A367</td>
<td>Route Data as a Tool of Describing the World in Islamic Geography of the Ninth and Tenth Centuries</td>
<td>Irina Konovalova, Russian Academy of Sciences, Institute of World History, Moscow, Russian Federation</td>
<td></td>
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<tr>
<td>14:45 – 15:05</td>
<td>A368</td>
<td>Ways (Vegar) of Medieval Scandinavians</td>
<td>Tatjana N. Jackson, Russian Academy of Sciences, Institute of World History, Moscow, Russia</td>
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<tr>
<td>15:05 – 15:25</td>
<td>A369</td>
<td>The Way as a Representation of Moral and Ethical Transformations in the Icelandic Sagas</td>
<td>Galina Glazyrina, Russian Academy of Sciences, Institute of World History, Moscow, Russian Federation</td>
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### The Social Value of Environmental History in Risk Perception, Collective Memory and Social Learning.

**Organizer:** Mario Freitas, Universidade do Estado de Santa Catarina, Florianópolis, Brazil  
**Chair:** Francisco Oliveira, Universidade do Estado de Santa Catarina, Florianópolis, Brazil

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<tr>
<th>Time</th>
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<th>Speaker</th>
<th>Institution</th>
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<tr>
<td>14:00 – 14:05</td>
<td></td>
<td><strong>Introduction</strong></td>
<td>Francisco Oliveira, Universidade do Estado de Santa Catarina, Florianópolis, Brazil</td>
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<tr>
<td>14:05 – 14:25</td>
<td>A370</td>
<td>Geographic Information Systems, Environmental History and Communitarian Memories</td>
<td>Francisco H. Oliveira, Universidade do Estado de Santa Catarina, Geografia, Florianópolis, Brazil</td>
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<tr>
<td>14:25 – 14:45</td>
<td>A371</td>
<td>The Construction of Collective Memory as a Tool for Disaster Risk Reduction</td>
<td>Sarah M. C. Cartagena, Universidade do Estado de Santa Catarina, Geografia, Florianópolis, Brazil</td>
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<tr>
<td>14:45 – 15:05</td>
<td>A372</td>
<td>The Historical and Educational Dimension of Communitarian Risk Management Plans</td>
<td>Mario J.C. Freitas, Universidade do Estado de Santa Catarina, Geografia, Florianópolis, Brazil</td>
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<tr>
<td>15:05 – 15:25</td>
<td>A373</td>
<td>Stories, Memories and the Struggle over South Moresby, Haida Gwaii</td>
<td>Alexandra Vlachos, University of Bern, Bern, Switzerland</td>
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### Bioregional Studies of Deforestation and Land Use Change

**Chair:** Tom Dunlap, Texas A&M University, United States

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<th>Time</th>
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<tr>
<td>14:00 – 15:30</td>
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<td><strong>Introduction</strong></td>
<td>Tom Dunlap, Texas A&amp;M University, United States</td>
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<td>Time</td>
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<td>14:05 – 14:25</td>
<td>A374</td>
<td>Vegetation Analysis as a Source of Historic Information in the Case of Madeira Island, Portugal</td>
<td>Sandra Kiesow, Klaus Dierssen</td>
<td>Kiel University, Institute of Ecosystem Research, Kiel, Germany</td>
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<td>14:25 – 14:45</td>
<td>A375</td>
<td>The Relationship with the Forest and the Habsburg Resource Policy in Eighteenth-century Transylvania</td>
<td>Dorin-Ioan Rus</td>
<td>Karl Franzens Universität Graz, Institut für Geschichte, Graz, Austria</td>
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<td>14:45 – 15:05</td>
<td>A376</td>
<td>Development and Environmental Crisis of the Forest Exploitation in the Gran Chaco, Argentina (1900-1950)</td>
<td>Adrian G. Zarrilli</td>
<td>Universidad Nacional de Quilmes/CONICET, Centro de Estudios de la Argentina Rural, Bernal, Argentina</td>
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<td>15:05 – 15:25</td>
<td>A377</td>
<td>Timber Extraction, Changing Pattern of Land Use and Deforestation – A Colonial Legacy of Darjeeling in the Himalayas</td>
<td>Karubaki Datta</td>
<td>North Bengal University, Centre for Himalayan Studies, Siliguri, India</td>
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<td>14:00 – 15:30</td>
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<td>CO-30 (CFPG) Accepted panel</td>
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<td><strong>Recording, Visualising and Disseminating Cultural Memories of Extreme Weather</strong></td>
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<td>Organizer: Alexander Hall, University of Nottingham, Nottingham, United Kingdom</td>
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<td>Chair: Georgina Endfield, University of Nottingham, Nottingham, United Kingdom</td>
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<td>14:00 – 14:05</td>
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<td>Introduction</td>
<td>Georgina Endfield, University of Nottingham, Nottingham, United Kingdom</td>
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<td>14:05 – 14:25</td>
<td>A378</td>
<td>Snow Scenes: Exploring the Role of Place in Weather Memories</td>
<td>Alexander F. Hall</td>
<td>University of Nottingham, School of Geography, Nottingham, United Kingdom</td>
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<td>14:25 – 14:45</td>
<td>A379</td>
<td>The Snows of Yesteryear: Engaging Audiences through Performance</td>
<td>Cerys A. Jones</td>
<td>Aberystwyth University, Geography and Earth Sciences, Aberystwyth, United Kingdom</td>
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<td>14:45 – 15:05</td>
<td>A380</td>
<td>The Weather Memory Bank: An Experiment in Collecting British Weather Memories</td>
<td>Georgina H. Endfield(^1), Simon Naylor(^2)</td>
<td>University of Nottingham, School of Geography, Nottingham, United Kingdom, University of Glasgow, School of Geographical and Earth Sciences, Glasgow, United Kingdom</td>
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<td>15:05 – 15:25</td>
<td>A381</td>
<td>Weather Walks: Gordon Manley and the North Pennines</td>
<td>Lucy Veale</td>
<td>University of Nottingham, School of Geography, Nottingham, United Kingdom</td>
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<td>14:00 – 15:30</td>
<td>CO-29</td>
<td>CO-29 (CFPG) Accepted panel</td>
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<td><strong>Ebb and Flow: Utah’s Great Salt Lake in Motion</strong></td>
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<td>Organizer: Jeffrey Nichols, Westminster College, Salt Lake City, United States</td>
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<td>14:00 – 14:05</td>
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<td>Introduction</td>
<td>Jeffrey Nichols, Westminster College, Salt Lake City, United States</td>
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<td>14:05 – 14:25</td>
<td>A382</td>
<td>No Lasting Resorts: The Shifting Shoreline of Great Salt Lake</td>
<td>Jeffrey Nichols</td>
<td>Westminster College, History, Salt Lake City, United States</td>
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<td>14:25 – 14:45</td>
<td>A383</td>
<td>The Bottom of the Food Chain: Flowing Nutrients and Pollutants in Great Salt Lake</td>
<td>Jaimi Butler(^1,2), Bonnie Baxter(^2,3)</td>
<td>Westminster College, Salt Lake City, United States, Great Salt Lake Institute, Salt Lake City, United States, Westminster College, Biology, Salt Lake City, United States</td>
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14:45 – 15:05  A384  Wings: Birds on Great Salt Lake
Judith Rogers\textsuperscript{1,2}
\textsuperscript{1}Westminster College, Salt Lake City, United States, \textsuperscript{2}Great Salt Lake Institute, Salt Lake City, United States

Brent Olson\textsuperscript{1,2}
\textsuperscript{1}Westminster College, Environmental Studies, Salt Lake City, United States, \textsuperscript{2}Great Salt Lake Institute, Salt Lake City, United States

14:00 – 15:30  CO-31 (CFPG)
Composed panel

Agricultural Land Use
Chair: Mahong Bao, Peking University, China

14:00 – 14:05
Introduction
Mahong Bao, Peking University, China

14:05 – 14:25  A386  The Rise and the Decline of Desert Agriculture in Southern Israel in Late Antiquity: Human Achievement or Climatic Change
Rehav Rubin
Hebrew University, Geography, Jerusalem, Israel

14:25 – 14:45  A387  Medieval Cultural Landscapes: Interaction and Subsistence in the North Atlantic Region
Eva Panagiotakopulu
University of Edinburgh, School of GeoSciences, Edinburgh, United Kingdom

14:45 – 15:05  A388  The Hacienda La Concepción in the Valley of Chota – Mira, Ecuador after the Expulsion of the Society of Jesus
Petra Machold
University of Klagenfurt, Centre for Environmental History, Vienna, Austria

15:05 – 15:25  A389  Cartographic Modeling of Peasant Land Use in the XVIII c. Russia
Dmitry A. Khitrov\textsuperscript{1}, Daniil N. Kozlov\textsuperscript{2}, Alexandr I. Glukhov\textsuperscript{2}, Alexey A. Golubinsky\textsuperscript{3}
\textsuperscript{1}Lomonosov Moscow State University, History, Moscow, Russian Federation, \textsuperscript{2}Lomonosov Moscow State University, Geography, Moscow, Russian Federation, \textsuperscript{3}Russian State Archive of Ancient Acts, Moscow, Russian Federation

15:30 – 16:00  CFPG Foyer
Social event

Coffee Break — CFPG

16:00 – 17:30  CO-02 (CFPG)
Composed panel

Energy and Water in Agricultural Systems
Chair: Stefania Gallini, National University of Colombia, Bogota, Colombia

16:00 – 16:05
Introduction
Stefania Gallini, National University of Colombia, Bogota, Colombia

16:05 – 16:25  A390  Energy Flows of Czech Agriculture and an Assessment of Self Sufficiency in Food Provision from 19th Century to the Present
Petra Grešlová, Pavel Chromý, Vit Jančák
Charles University in Prague, Prague, Czech Republic

16:25 – 16:45  A391  Policies for Land Management and Rational Use of Water in XX Century Puglia
Maria Gabriella Rienzo
University of Foggia, Economics, Foggia, Italy
Geoff Cunfer
University of Saskatchewan, Saskatoon, Canada

16:00 – 17:05  Introduction
Ellen Arnold, Ohio Wesleyan University, Delaware, United States

16:00 – 17:30  CO-03 (CFPG) Accepted panel
Rivers and Societies in Past, Present and Future: Transitions of the Upper Danube since the 19th Century
Organizer: Gertrud Haidvogl, University of Natural Resources and Life Sciences, Vienna, Wien, Austria
Chair: Ellen Arnold, Ohio Wesleyan University, Delaware, United States

16:00 – 16:05  Introduction
Ellen Arnold, Ohio Wesleyan University, Delaware, United States

16:05 – 16:25  A393 Enough Wood for City and River? Vienna's Wood Resources in Dynamic Danube Floodplains
Severin Hohensinner
University of Natural Resources & Life Sciences Vienna (BOKU), Institute of Hydrobiology & Aquatic Ecosystem Management, Vienna, Austria

16:25 – 16:45  A394 Fuelling the City: The Changing Role of the Danube for Meeting Vienna’s Wood Demand
Sylvia Gierlinger, Stephan Brabec
Alpen Adria University Klagenfurt, Faculty for Interdisciplinary Studies (IFF), Institute of Social Ecology, Vienna, Austria

16:45 – 17:05  A395 Societal and Climate Impacts on the Fish Community of the Salzach Catchment in the Late 19th and 20th Century: Lessons for the Future
Didier Pont 1, Gertrud Haidvogl2
1National Research Institute of Sciences and Technology for Environment and Agriculture (IRSTEA), Centre d’Antony, UR HBAN, Antony, France, 2University of Natural Resources & Life Sciences Vienna (BOKU), Institute of Hydrobiology & Aquatic Ecosystem Management, Vienna, Austria

17:05 – 17:15  Commentary
Uwe Lübken, LMU, Munich

16:00 – 17:30  CO-04 (CFPG) Accepted panel
Urban Farming throughout History II: Pervious City Walls? Urban Farming from Antiquity to the 20th Century
Organizer: Chantal Camenisch, University of Berne, Bern, Switzerland
Chair: Liesbeth van de Grift, Radboud University Nijmegen, Nijmegen, Netherlands

16:00 – 16:05  Introduction
Liesbeth van de Grift, Radboud University Nijmegen, Nijmegen, Netherlands

16:05 – 16:25  A396 Urban Farming and the Creation of Resilience: The Case of Imperial Pompeii
Justine Walter
University of Leipzig, Leipzig, Germany

16:25 – 16:45  A397 From the City to the Dacha: Socio-cultural Factors behind the Creation of St. Petersburg’s Dacha Belt (19th/Early 20th Century Russia)
Olga Malinova-Tzifeta
St. Petersburg University of Foreign Economic Affairs, Economics and Law, St. Petersburg, Russian Federation

16:45 – 17:05  A398 Harvesting Nostalgia: A Historical Look at the Farm Park Concept and its Conflicting Function in Breaking Down and Strengthening the Barrier between Urban and Rural Life in North America
Jessica De Witt
University of Saskatchewan, Saskatoon, Canada
17:05 – 17:25  A399  Consumption and Food Production in Crisis Time: Swiss Consumption Co-operations as Farmers at the End of World War I  
Daniel Burkhard  
University of Berne, Economic, Social and Enironmental History, Berne, Switzerland

16:00 – 17:30  CO-05 (CFPG)  
Accepted panel  
**Hunting, Identity and Ecology**  
Organizer: Mark Hersey, Mississippi State University, Mississippi State, United States  
Chair: Elliott Gorn, Loyola University Chicago, Chicago, United States

16:00 – 16:05  Introduction  
Elliott Gorn, Loyola University Chicago, Chicago, United States

Mikko Saikku  
University of Helsinki, Helsinki, Finland

Mark D. Hersey  
Mississippi State University, History, Mississippi State, United States

16:45 – 17:05  A402  Theatres of Interaction' and 'Arenas of Conflict': Investigating the Comparative Animal Geographies of Wolves (Canis lupus) and Wild Boar (Sus scrofa) in Northwest Italy  
Robert A. Hearn  
Universita degli Studi di Genova, Laboratorio di Archeologia e Storia Ambientale, Genova, Italy

16:00 – 17:30  C1-05 (CFPG)  
Accepted panel  
**Historical Studies of Ecology and Ecological Studies of History: Case Studies from Western North America**  
Organizer: Bill Waiser, University of Saskatchewan, Saskatoon, Canada  
Chair: Ted Binnema, University of Northern British Columbia, Prince George, Canada

16:00 – 16:05  Introduction  
Ted Binnema, University of Northern British Columbia, Prince George, Canada

16:05 – 16:25  A403  The 1876 North-West Territories Bison Protection Ordinance  
Bill Waiser  
University of Saskatchewan, Saskatoon, Canada

16:25 – 16:45  A404  East Meets the West: Networks of Ecologists at the International Congress of Arts and Science, 1904  
Jennifer Jozic  
University of Saskatchewan, Saskatoon, Canada

16:45 – 17:05  A405  When Salmon Ate Moose: Exploring the Reasons for the Absence of Moose (and Bison) in North-Western North America, 1793-1900  
Ted Binnema  
University of Northern British Columbia, Prince George, Canada

16:00 – 17:30  C1-01 (CFPG)  
Accepted panel  
**People out of Place: Old and New Histories from Colonised Landscapes**  
Chair: Dolly Jörgensen, Umeå University, Umeå, Sweden

16:00 – 16:05  Introduction  
Dolly Jörgensen, Umeå University, Umeå, Sweden
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<th>Panel</th>
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<th>Speaker(s)</th>
<th>Institution(s)</th>
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<tr>
<td>16:00 – 16:25</td>
<td>A406</td>
<td>People of the Flume: Adapting for Fire in South-Eastern Australia</td>
<td>Christine Hansen</td>
<td>University of Gothenburg, Gothenburg, Sweden</td>
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<tr>
<td>16:25 – 16:45</td>
<td>A407</td>
<td>Smooth Brome: History, Policy and Place-making in the Post-industrial Prairie</td>
<td>Elizabeth Walden&lt;sup&gt;1&lt;/sup&gt;, Kevin Lair&lt;sup&gt;2&lt;/sup&gt;</td>
<td>&lt;sup&gt;1&lt;/sup&gt;Bryant University, English and Cultural Studies, Smithfield, United States, &lt;sup&gt;2&lt;/sup&gt;Indiana University, Center for Art and Design (Columbus), Bloomington, United States</td>
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<td>16:00 – 17:30</td>
<td>C1-03</td>
<td>Accepted panel</td>
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<td>16:00 – 16:05</td>
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<td>Introduction</td>
<td>Ben Bradley, University of Toronto, Toronto, Canada</td>
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<td>16:05 – 16:25</td>
<td>A409</td>
<td>Development and Environment in the Cold War Himalaya: Nepal’s Chitwan National Park</td>
<td>Tom Robertson</td>
<td>Worcester Polytechnic Institute (WPI), Worcester, United States</td>
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<tr>
<td>16:25 – 16:45</td>
<td>A410</td>
<td>What is at Play around New Environmental Borders Surrounding National Parks: Kaziranga National Park in Assam, India</td>
<td>Joelle Smadja</td>
<td>CNRS - Le Centre National de la Recherche Scientifique, Centre for Himalayan Studies, Paris, France</td>
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<td>16:45 – 17:05</td>
<td>A411</td>
<td>In the Shadow of the Nanda Devi: Himalayan Nature in the Context of the Ecological Nationalism of the Cold War</td>
<td>Sarah Benabou</td>
<td>CNRS - Le Centre National de la Recherche Scientifique, Centre Alexandre Koyré, Paris, France</td>
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<td>16:00 – 17:30</td>
<td>CO-30</td>
<td>Accepted panel</td>
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<td>16:00 – 16:05</td>
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<td>Introduction</td>
<td>Kathryn Morse, Middlebury College, Middlebury, United States</td>
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<td>16:05 – 16:25</td>
<td>A412</td>
<td>Reclaiming Ground: Earth Art as Cultural Critique</td>
<td>Marsha Weisiger</td>
<td>University of Oregon, History, Eugene, United States</td>
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<td>16:25 – 16:45</td>
<td>A413</td>
<td>Seeing Green: Visual Media and the Making of American Environmentalism</td>
<td>Finis Dunaway</td>
<td>Trent University, History, Peterborough, Canada</td>
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<td>16:45 – 17:05</td>
<td>A414</td>
<td>Beyond Migrant Mother: Visual Sources and Late New Deal/Farm Security Administration Rural Rehabilitation Programs</td>
<td>Kathryn Morse</td>
<td>Middlebury College, History, Middlebury, United States</td>
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<td>16:00 – 17:30</td>
<td><strong>CO-29 (CFPG)</strong> Accepted panel</td>
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<td><strong>The Power of Birds: How Crows, Ducks, and Geese Shape History, Culture and the Land</strong></td>
<td>Organizer: Timothy LeCain, Montana State University, Bozeman, United States</td>
<td>Chair: Libby Robin, Australian National University, Canberra, Australia</td>
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<td>16:00 – 16:05</td>
<td><strong>Introduction</strong></td>
<td>Libby Robin, Australian National University, Canberra, Australia</td>
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<td>16:05 – 16:25</td>
<td><strong>A415 Inheriting the past in a Multispecies World: Spectral Crows and Conservation in Haunted Landscapes</strong></td>
<td>Thom van Dooren, University of New South Wales, New South Wales, Australia</td>
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<td>16:25 – 16:45</td>
<td><strong>A416 Remaking Wetlands: Ducks and Rice Fields in the Murrumbidgee River Region, Australia</strong></td>
<td>Emily O’Gorman, Macquarie University, Sydney, Australia</td>
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<td>16:45 – 17:05</td>
<td><strong>A417 Snow Geese Culture and the Meaning of a Toxic Mine Lake</strong></td>
<td>Timothy J. LeCain, Montana State University, History, Bozeman, United States</td>
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<td>17:05 – 17:15</td>
<td><strong>Commentary</strong></td>
<td>Libby Robin, Australian National University, Canberra, Australia</td>
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<td>16:00 – 17:30</td>
<td><strong>CO-31 (CFPG)</strong> Accepted panel</td>
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<td><strong>One Landscape, Many Perspectives: An Interdisciplinary Approach to Long-term Woodland Dynamics</strong></td>
<td>Organizer: Péter Szabó, Institute of Botany, Academy of Sciences of the Czech Republic, Brno, Czech Republic</td>
<td>Chair: Martin Schmid, University of Klagenfurt, Vienna, Austria</td>
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<td>16:00 – 16:05</td>
<td><strong>Introduction</strong></td>
<td>Martin Schmid, University of Klagenfurt, Vienna, Austria</td>
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<td>16:05 – 16:25</td>
<td><strong>A418 A Novel Perspective in The Usage of Written Historical Evidence for Vegetation Reconstruction</strong></td>
<td>Péter Szabó, Institute of Botany, Academy of Sciences of the Czech Republic, Department of Vegetation Ecology, Brno, Czech Republic</td>
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<td>16:25 – 16:45</td>
<td><strong>A419 Forest Herbaceous Vegetation: A Key to Long-term Changes in Forest Biodiversity</strong></td>
<td>Radim Hédl, Institute of Botany of the Academy of Sciences of the Czech Republic, Department of Vegetation Ecology, Brno, Czech Republic</td>
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<td>16:45 – 17:05</td>
<td><strong>A420 Comparing Past Quantitative Land-cover Estimates with Data on Human Impact and Climate Provide New Insights into Human-landscape Interactions</strong></td>
<td>Petr Kuneš, Charles University, Benátská 2, Praha, Czech Republic, 1Institute of Botany, Academy of Sciences of the Czech Republic, Department of Vegetation Ecology, Brno, Czech Republic, 2Charles University, Prague, Czech Republic, 3Institute of Botany, Academy of Sciences of the Czech Republic, Department of Vegetation Ecology, Brno, Czech Republic, 4Constantine the Philosopher University, Nitra, Slovakia</td>
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<td>18:00 – 19:15</td>
<td><strong>MA (VFGA)</strong> Plenary session</td>
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<td><strong>WCEH Plenary (Mandy Martin-Australia) Peopling Landscapes through Art</strong></td>
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<td>To be followed by a port wine tasting at the entrance to the Auditorium (CCFV)</td>
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<td>Chair: Jane Carruthers, University of South Africa, Johannesburg, South Africa</td>
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<td>Chair: Graeme Wynn, University of British Columbia, Vancouver, Canada</td>
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<td>Graeme Wynn, University of British Columbia, Vancouver, Canada</td>
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<td>Jane Carruthers, University of South Africa, Johannesburg, South Africa</td>
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<td>18:10 – 19:00</td>
<td>Peopling Landscapes through Art</td>
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<td>Mandy Martin, Fenner School, Canberra, Australia</td>
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<tr>
<td>09:00 – 10:30</td>
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<td>CO-02 (CFPG)</td>
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<td></td>
<td>Environmental Conflicts in Mining, Quarrying and Metallurgical Industries in the Iberian Peninsula (19th and 20th Century): Pollution and Popular Protest</td>
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<td>Organizer: Paulo Guimarães, University of Évora, Evora, Portugal</td>
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<td>Chair: Juan Diego Pérez Cebada, University of Huelva, Huelva, Spain</td>
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<td>09:00 – 09:05</td>
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<td>Juan Diego Pérez Cebada, University of Huelva, Huelva, Spain</td>
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<td>09:05 – 09:25</td>
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<td>The (Re) Production of Anti-mining Repertoires of Contention – The Case of Popular Protest against Tin Dredging in Rural Portugal (1914-1974)</td>
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<td>Pedro Gabriel M. Silva</td>
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<td>University of Tras-os-Montes e Alto Douro, Departamento de Economia, Sociologia e Gestão, Vila Real, Portugal</td>
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<td>09:25 – 09:45</td>
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<td>Deforestation in the Spanish Mining Boom (19th c.). The Case of Lead Mining (*)</td>
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<td>Andrés Sánchez Picón</td>
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<td>University of Almería, Departamento de Economía y Empresa, Almería, Spain</td>
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<td>09:45 – 10:05</td>
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<td>Pollution, Interests and Conflicts in the Wolfram Mining Subsector (Portugal, 20th Century)</td>
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<td>João Paulo A. Nunes</td>
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<td>Universidade de Coimbra, History, Coimbra, Portugal</td>
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<td>10:05 – 10:25</td>
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<td>Ecological Disaster in Portmán (Spain): Mining versus Environment (*)</td>
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<td>Miguel Á. Pérez de Perceval Verde1, Miguel Á. López-Morell1, Antonio Escudero Gutiérrez2</td>
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<td>1University of Murcia, Departamento de Economía Aplicada, Murcia, Spain, 2University of Alicante, Departamento de Análisis Económico Aplicado, Alicante, Spain</td>
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<td>CO-03 (CFPG)</td>
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<td></td>
<td>The Politics and Contingencies of Resource Management in Canada</td>
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<td>Organizer: Tina Loo, University of British Columbia, Vancouver, Canada</td>
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<td>09:00 – 09:05</td>
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<td>Tina Loo, University of British Columbia, Vancouver, Canada</td>
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<td>09:05 – 09:25</td>
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<td>Lobster Wars in the 1930s: Informal and Formal Management Strategies</td>
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<td>Suzanne Morton</td>
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<td>McGill University, History, Montreal, Canada</td>
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<td>09:25 – 09:45</td>
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<td>Modernization, Environmental Change and Native Resource Rights in the Canadian Maritimes, 1945-1975</td>
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<td>William Parenteau1, James L. Kenny2</td>
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09:45 – 10:05  A427  Conserving Barren Ground Caribou: The Evolution and Meanings of Co-management in Northern Canada
Tina Loo
University of British Columbia, History, Vancouver, Canada

Dean Bavington
Memorial University of Newfoundland, Geography, St. John’s, Canada

09:00 – 10:30  CO-04 (CFPG)
Accepted panel

Nature’s Energy: Electricity, Conservation and Development
Organizer: Christopher Jones, Arizona State University, Tempe, United States
Chair: David Nye, University of Southern Denmark, Odense, Denmark

09:00 – 09:05  Introduction
David Nye, University of Southern Denmark, Odense, Denmark

Christopher F. Jones
Arizona State University, Tempe, United States

Julie Cohn
Center for Public History, University of Houston, Houston, United States

09:45 – 10:05  A431  Hydropower and the Struggle between Private Wealth and Public Welfare in Northwest North America
Paul Hirt
Arizona State University, Tempe, United States

10:05 – 10:25  A432  The Role of Dams in State-making in Contemporary Southwest China
Bryan Tilt
Oregon State University, Department of Anthropology, Corvallis, United States

09:00 – 10:30  CO-05 (CFPG)
Composed panel

Environment and Identity
Chair: Stefania Gallini, National University of Colombia, Bogota, Colombia

09:00 – 09:05  Introduction
Stefania Gallini, National University of Colombia, Bogota, Colombia

09:05 – 09:25  A433  The Development of Environmental Thinking and its Effect on the Cultural and Biological Values Associated to Cultural Landscapes from the 19th to the 20th Century
Mauro Agnoletti
University of Florence, GESAAF, Florence, Italy

09:25 – 09:45  A434  Nuclear Pasts and Fracking Futures in South West England
Jill Payne
University of East Anglia, History, Norwich, United Kingdom

09:45 – 10:05  A435  Local(ist) Nostalgias of Nature and Racialized Landscapes in Contemporary Turkey
Eda Acala
Queen’s University, Department of Geography, Kingston, Canada

10:05 – 10:25  A436  From Trapalanda to Hidroaysén. Territory and Nation in the Cultural History of the Lanscape Figures of the Aysén Region
09:00 – 10:30  
C1-05 (CFPG)  
Accepted panel  
**America’s Environmental History through Chinese Eyes**  
Organizer: Xueqin Mei, Tsinghua University, Beijing, China  
Chair: Dai Gao, Peking University, Beijing, China  

09:00 – 09:05  
Introduction  
Dai Gao, Peking University, Beijing, China  

09:05 – 09:25  
A437  
**A Historical Study of Waste Disposal in the Ocean in the United States, 1870s-1930s**  
Mao Da  
Beijing Normal University, School of Chemistry, Beijing, China  

09:25 – 09:45  
A438  
**On the Historical Process of Response to Dust Lung Disease in the United States During the 20th Century**  
Lili Chen  
Sichuan International Studies University, Social Science Department, Chongqing, China  

09:45 – 10:05  
A439  
**The History and Implications of Subtherapeutic Use of Antibiotics in Cattle Raising Industry of the United States**  
Shi Pang  
Yunnan University of Finance and Economics, History Department, Kunming, China  

10:05 – 10:15  
Commentary  
Donald Worster, University of Kansas, Lawrence, United States  

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09:00 – 10:30  
C1-01 (CFPG)  
Accepted panel  
**Historical Roots of the Dutch Sustainability Challenge, 1850-2010 – Energy, Food, Methodological and Material Dimensions**  
Organizer: Lilianne Laan, Technical University of Eindhoven, Eindhoven, Netherlands  

09:00 – 09:05  
Introduction  
Lilianne Laan, Technical University of Eindhoven, Eindhoven, Netherlands  

09:05 – 09:25  
A440  
**Dutch Long-Term Energetic CO2 Emissions**  
Rick Holsgens, Ben Gales  
RUG, Economic History, Groningen, Netherlands  

09:25 – 09:45  
A441  
**Changes in Material Flows of the Dutch Economy 1910-2010 and the Roots of Dutch Sustainability Challenges**  
Frank Notten¹, Frank Veraart²  
¹Statistics Netherlands, National Accounts, Den Haag, Netherlands, ²Technical University of Eindhoven, School of Innovation Sciences, Eindhoven, Netherlands  

09:45 – 10:05  
A442  
**Sustainability before the Hype: The Troubles of the 1850 Dutch Food System Seen by Contemporaries**  
Lilianne Laan, Harry Lintsen  
Technical University of Eindhoven, School of Innovation Sciences, Eindhoven, Netherlands  

10:05 – 10:15  
Commentary  
Verena Winiwarter, Alpen-Adria-Universität Klagenfurt-Wien-Graz, Klagenfurt, Austria  

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09:00 – 10:30  
C1-03 (CFPG)  
Accepted panel  
**Firewood in the Transition to Industrial Economies**
Organizer: Juan Infante Amate, Universidad Pablo de Olavide, Seville, Spain
Chair: Paul Warde, University of East Anglia, Norwich, United Kingdom

**09:00 – 09:05**

**Introduction**
Paul Warde, University of East Anglia, Norwich, United Kingdom

**09:05 – 09:25 A443**

**Firewood and Charcoal Consumption in Madrid during 18th Century and its Effects on Forest Landscapes**
Javier Hernando Ortego1, Gonzalo Madrazo García de Lomana2
1Autonomous University of Madrid, Madrid, Spain, 2Complutense University of Madrid, Madrid, Spain

**09:25 – 09:45 A444**

**Re-assessing Fuel Supplies in Early Modern England**
Tom Williamson
University of East Anglia, Norwich, United Kingdom

**09:45 – 10:05 A445**

**The Mediterranean Way. The Role of Firewood in the Transition to Industrial Economies (19th – 20th Century)**
Juan Infante-Amate, David Soto Fernández, Manuel González de Molina
University Pablo de Olavide, Seville, Spain

**10:05 – 10:25 A446**

**Wood Consumption and Energy Transition: An International Comparison**
Paul Warde1, Iñaki Iriarte-Goñi2
1University of East Anglia, Norwich, United Kingdom, 2University of Zaragoza, Zaragoza, Spain

**09:00 – 10:30 CO-30 (CFPG)**
Accepted panel

**Changing Coastlines. The Impacts of Human Activities in Coastal Zones**
Organizer: Joana Gaspar de Freitas, IELT - Instituto de Estudos de Literatura Tradicional, Faculdade de Ciências Sociais e Humanas, Universidade Nova de Lisboa, Lisbon, Portugal
Chair: João Alveirinho Dias, CIMA - Centro de Investigação Marinha e Ambiental, Universidade do Algarve, Faro, Portugal

**09:00 – 09:05**

**Introduction**
João Alveirinho Dias, CIMA - Centro de Investigação Marinha e Ambiental, Universidade do Algarve, Faro, Portugal

**09:05 – 09:25 A447**

**Vegetation in the Portuguese Coastal Interface in a Broad Diachronic Perspective. Case Studies from the West Coast, near the Aveiro Lagoon**
Maria Rosário Bastos1, Olegário Pereira2, Sérgio Rodrigues3, João Pedro Tereso4, João Pedro Ribeiro5
1Universidade Aberta & Cepese – Centro da População Economia e Sociedade, Porto, Portugal, 2Faculdade de Letras da Universidade do Porto, Porto, Portugal, 3CEAUP - Centro de Estudos Arqueológicos das Universidades de Coimbra e do Porto, Faculdade de Letras, Universidade do Porto, Porto, Portugal, 4CIBIO - Research Center in Biodiversity and Genetic Resources, Universidade do Porto, Porto, Portugal, 5UNIARQ - Faculdade de Letras, Universidade de Lisboa, Lisbon, Portugal

**09:25 – 09:45 A448**

**Human Increase and the Decline of the Osprey (Pandion haliaetus) on the Portuguese Coast during the 20th Century. A Case Study on the Loss of Biodiversity?**
Luís Cancela da Fonseca1,2, Luis Palma3
1CTA - Centro de Ciências e Tecnologias da Água, Universidade do Algarve, Faro, Portugal, 2Laboratório Marítimo da Guia/Centro de Oceanografia, Universidade de Lisboa, Lisbon, Portugal, 3CIBIO – Centro de Investigação em Biodiversidade e Recursos Genéticos, Vairão, Portugal

**09:45 – 10:05 A449**

**A Historical View on Coastal Erosion. The Case of Furadouro (Portugal)**
Joana Gaspar de Freitas4, João Alveirinho Dias2
4IELT - Instituto de Estudos de Literatura Tradicional, Faculdade de Ciências Sociais e Humanas, Universidade Nova de Lisboa, Lisbon, Portugal, 2CIMA - Centro de Investigação Marinha e Ambiental, Universidade do Algarve, Faro, Portugal

**10:05 – 10:15 Commentary**
João Alveirinho Dias, CIMA - Centro de Investigação Marinha e Ambiental, Universidade do Algarve, Faro, Portugal
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<td>09:00 – 10:30</td>
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<td><strong>Contested Environments of Central Europe The Case of Bohemia</strong></td>
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<td>Organizer: Pavel Chromý, Charles University in Prague, Faculty of Science, Prague, Czech Republic</td>
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<td>Chair: Eva Semotanová, Academy of Sciences of the Czech Republic, Prague, Czech Republic</td>
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<td>09:00 – 09:05</td>
<td>Introduction Eva Semotanová, Academy of Sciences of the Czech Republic, Prague, Czech Republic</td>
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<td>09:05 – 09:25</td>
<td>A450 <strong>Recreational Landscapes: Rural Landscapes for the Urban Population? The Example of Czechia from the Beginning of Industrial Society to the Present</strong> Dana Fialová Charles University in Prague, Dept. of Social Geography and Regional Development, Prague, Czech Republic</td>
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<td>09:25 – 09:45</td>
<td>A451 <strong>Nature, Environment and Identity: The Case of the Bohemian-Bavarian Forest</strong> Jana Piňosová University of Bonn, Faculty of Arts, Department of Eastern European History, Bonn, Germany</td>
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<td>09:45 – 10:05</td>
<td>A452 <strong>Perception and Representation of Landscape and Natural Heritage in Areas with Intensively Changed Landscapes: The Case of North-Western Bohemia (In the Second Half of the Twentieth Century)</strong> Miroslav Šifta, Pavel Chromý Charles University in Prague, Faculty of Science, Dept. of Social Geography and Regional Development, Prague, Czech Republic</td>
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<td>10:05 – 10:15</td>
<td>Commentary Pavel Chromý, Charles University in Prague, Faculty of Science, Prague, Czech Republic</td>
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<td>10:30 – 11:00</td>
<td>CFPG Foyer Social event</td>
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<td><strong>Coffee Break —CFPG</strong></td>
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<td>11:00 – 12:30</td>
<td>CO-02 (CFPG) Accepted panel</td>
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<td><strong>Environmental Conflicts in Mining, Quarrying and Metallurgical Industries in the Iberian Peninsula (19th and 20th Century): The Role of Institutions</strong></td>
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<td>Organizer: Pedro Gabriel Silva, University of Tras-os-Montes e Alto Douro, Vila Real, Portugal</td>
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<td>Chair: Andrés Picón, University of Almería, Almería, Spain</td>
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<td>11:00 – 11:05</td>
<td>Introduction Andrés Picón, University of Almería, Almería, Spain</td>
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<td>11:25 – 11:45</td>
<td>A454 <strong>Towards a Rhetoric of Pollution: An Introductory Analysis of Discourse in Spanish Mining Pollution Conflicts at the Turn of the 19th Century</strong> Patricia Garrido Camacho¹, Juan D. Pérez Cebada²,³ ¹University of Huelva, Huelva, Spain, ²University of Huelva, Economía, Huelva, Spain, ³Proyecto de Investigación 'La Minería y su Contribución al Desarrollo Económico, Social y Territorial de España (1700-2000). Impacto Territorial y Legado Patrimonial' (HAR2010-21941-C03-03), Huelva, Spain</td>
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<td>11:45 – 12:05</td>
<td>A455 <strong>An Adversarial Relationship: Industry and Environment in the River Ave Basin</strong> José M. Lopes Cordeiro, Francisco Silva Costa Universidade do Minho, History, Braga, Portugal</td>
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Using Legislation and Expertise to Solve the Conflicts between Industrial Development and Environment in the Cities: The Case of Lisbon in the 19th Century
Ana C. Matos
University of Évora, Department of History, Evora, Portugal
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<tr>
<td>11:05 – 11:25</td>
<td>A463</td>
<td><strong>Toxic Transports and Mobile Metal: Mercury Routes in the Early Modern Atlantic World</strong>&lt;br&gt;Laura Hollsten&lt;br&gt;Åbo Akademi University, Turku, Finland</td>
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<td>11:25 – 11:45</td>
<td>A464</td>
<td><strong>“The Boys at Bionetics, Beltsville and Bethesda”: Citizen-activist Circuits Protest Agent Orange Herbicides</strong>&lt;br&gt;Amy Hay&lt;br&gt;University of Texas Pan American, Texas, United States</td>
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<td>11:45 – 12:05</td>
<td>A465</td>
<td><strong>Tracking Transnational Movements: PCBs, Knowledge and Global Environmental Health Activism</strong>&lt;br&gt;Ellen G. Spears&lt;br&gt;University of Alabama, New College/American Studies, Tuscaloosa, United States</td>
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<tr>
<td>11:00 – 12:30</td>
<td>C1-05</td>
<td><strong>Marine Cultural Environments</strong>&lt;br&gt;Composed panel&lt;br&gt;Chair: Poul Holm, Trinity College, Dublin, Ireland</td>
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<td><strong>Introduction</strong>&lt;br&gt;Poul Holm, Trinity College, Dublin, Ireland</td>
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<td>11:05 – 11:25</td>
<td>A466</td>
<td><strong>France's Coastal Fisheries (1680-1850): The Development of a Renewable Resource Regulated Exploitation – in Spite of the Fears</strong>&lt;br&gt;Marc Pavé&lt;br&gt;CNRS, Centre National de la Recherche Scientifique, Observatoire Hommes-Milieux, Cayenne, French Guiana</td>
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<td>11:25 – 11:45</td>
<td>A467</td>
<td><strong>From Portugal to the Overseas: Human Adaptations to Similar Marine Environments and the Early Modern Exploitation of Large Whales</strong>&lt;br&gt;Vera Jordão¹, Nina Vieira², Andreia Pereira³, Cristina Brito²&lt;br&gt;¹Escola de Mar, Tec Labs - FCUL, Lisboa, Portugal, ²CHAM (Centre for Overseas History), Lisboa, Portugal, ³Escola de Mar, Lisboa, Portugal</td>
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<td>11:45 – 12:05</td>
<td>A468</td>
<td><strong>Big Fishes, Birds and Others Signs: Observation of Nature During Portuguese Discoveries between 15th and 17th Centuries</strong>&lt;br&gt;Cristina I.D.C. Picanço&lt;br&gt;FCUL, CIUHCT, Lisboa, Portugal</td>
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<td>11:00 – 12:30</td>
<td>C1-01</td>
<td><strong>Protecting Nature in Communist and Post-communist Nations</strong>&lt;br&gt;Accepted panel&lt;br&gt;Organizer: Donald Worster, University of Kansas, Lawrence, United States</td>
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<td><strong>Introduction</strong>&lt;br&gt;Donald Worster, University of Kansas, Lawrence, United States</td>
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<td>11:05 – 11:25</td>
<td>A469</td>
<td><strong>Besieged Nature Reserves: The Transformation of Nature Conservation in Post-communist China</strong>&lt;br&gt;Shen Hou&lt;br&gt;Renmin University of China, School of History, Beijing, China</td>
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<td>11:25 – 11:45</td>
<td>A470</td>
<td><strong>From Alexander von Humboldt to Ecotourism: The Evolution of Nature Conservation and National Parks in Cuba</strong>&lt;br&gt;Sterling Evans&lt;br&gt;University of Oklahoma, History, Norman, United States</td>
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<td>11:45 – 12:05</td>
<td>A471</td>
<td><strong>From Tsarist to Soviet Nature Conservation: The Life and Times of the Barguzin Nature Preserve</strong>&lt;br&gt;Nicholas Breyfogle&lt;br&gt;Ohio State University, Columbus, United States</td>
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<td>11:00 – 12:00</td>
<td>(<strong>Fascist and Pseudo-fascist Regimes and Nature. A Global Perspective</strong>&lt;br&gt;Organizer: Santiago Gorostiza, Centro de Estudos Sociais, Coimbra, Portugal&lt;br&gt;Chair: Felipe Milanez, Centro de Estudos Sociais, Coimbra, Portugal)</td>
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<td>11:00 – 11:05</td>
<td><strong>Introduction</strong>&lt;br&gt;Felipe Milanez, Centro de Estudos Sociais, Coimbra, Portugal</td>
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<td>11:05 – 11:25</td>
<td>A472 «Italy Will Be Unrecognisable!» Fascism, Reclamation and Propaganda on the International Stage&lt;br&gt;Wilko Graf von Hardenberg¹, Marco Armiero²&lt;br&gt;¹University of Wisconsin – Madison, History, Wisconsin, United States, ²KTH Royal Institute of Technology, Stockholm, Sweden</td>
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<td>11:45 – 12:05</td>
<td>A474 The Organic Territory: The Vargas Regime and the Environmental Legislation Boom in Brazil, 1930-1945&lt;br&gt;Federico Freitas&lt;br&gt;Stanford University, Stanford, United States</td>
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<td>12:05 – 12:25</td>
<td>A475 The Nature of Japanese Fascism: Ideology and Practice&lt;br&gt;Julia Adeney Thomas&lt;br&gt;University of Notre Dame, Notre Dame, United States</td>
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<td>11:00 – 13:15</td>
<td>CFPG Foyer&lt;br&gt;Plenary session&lt;br&gt;Closing Ceremony</td>
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14:00 – 20:00
Venues TBA
Open
Field Trips Porto or National Park