

Yaella DEPIETRI

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EDUCATION

January 2015	PhD in Environmental Sciences	
	Institut de Ciència i Tecnologia Ambientals (ICTA), Universitat Autònoma de Barcelona (UAB)	Barcelona, Spain
	United Nations University, Institute for Environment and Human Security (UNU-EHS)	Bonn, Germany
	<i>Thesis title:</i> Ecosystem services in practice: well-being and vulnerability of two European urban areas	
	Granted with <i>Excellent Cum Laude</i> and International mention	
September 2006	2nd year Master's in Sustainable Development and Mediterranean Environments	
	Université de Perpignan	Perpignan, France
	<i>Thesis title:</i> "Decision Support Systems (DSS) for Integrated Water Resources Management (IWRM)"	
July 2005	1st year Master's in Oceanography	
	Centre d'Océanologie de Marseille, Faculté des Sciences – Luminy, Université de la Méditerranée, Aix-Marseille II	Marseille, France
	<i>Main subjects covered:</i> Biogeochemical Oceanography, Chemistry, Marine Ecology, Environmental Economics, Statistics	
October 2003	Bachelor's in Environmental Sciences	
	Faculty of Sciences, Ca' Foscari University of Venice	Venice, Italy
	<i>Thesis title:</i> "Contribution to the study of the functioning of a Mediterranean coastal ecosystem (the Bay of Toulon, France)"	

TRAINING COURSES

15-26 June 2009	Marie Curie THEMES Summer School	
	"Integrated analysis of complex, adaptive systems"	
	University of Sussex	Brighton, UK
18-24 May 2007	SENSE Summer School	
	"Understanding Global Environmental Change: Processes, Compartments and Interactions"	
	Research School for the Socio-Economic and Natural Sciences of the Environment (SENSE)	The Netherlands
02-04 April 2007	JRC Training Course	
	"Science communication to non-scientists"	
	EC – Directorate-General, Joint Research Centre (JRC)	Ispra, Italy

WORK EXPERIENCE

- Oct 2012-Jun 2013 **Visiting researcher - Fondazione Eni Enrico Mattei (FEEM)** Venice, Italy
Research subjects: Ecosystem Services, Urban Areas, Disaster Risk Reduction, Vulnerability Assessment
- Apr 2006-Apr 2008 **Junior researcher – FEEM** Venice, Italy
Activities: research and project management within the following EU funded projects:
Nostrum-DSS (Network on gOvernance, Science and Technology for sustainable water ResoUrce management in the Mediterranean. The role of Dss tools)
Harmoni-CA (Harmonised modelling tools for integrated basin management)
BrahmaTwinn (Twinning European and South Asian River basins to enhance capacity and implement adaptive integrated water resources management approaches)
- Mar 2004-June 2004 **Intern - School of Arts and Sciences, Australian Catholic University of Sydney** Sydney, Australia
Research subject: Study of the current extent and rate of imposex development in a local gastropod species (*Morula marginalba*) in the Sydney Harbour, Australia
- Mar 2003-June 2003 **Intern - Laboratoire d'étude des Echanges Particulaires aux Interfaces (LEPI), Université de Toulon et du Var** Toulon, France
Research subject: Study of the zoo-planktonic community of the Toulon Bay, France
- Oct 2002-Feb 2003 **Intern - Water Resources Authorities-Venice Lagoon** Venice, Italy
Activities: survey on the Italian Water Legislation, presentations in conferences and seminars

TEACHING EXPERIENCE

“Resilience and vulnerability of social ecological systems with an emphasis on environmental components”. PhD UNU-EHS block course: Role of vulnerability in risk management programme, 31 March–5 April 2008, Bonn, Germany

FELLOWSHIPS

- 2009 **Three years Doctoral Fellowship** at the United Nations University, Institute for environment and human security (UNU-EHS), Bonn, Germany
- 2009 **Marie Curie Fellowship** to participate in the 4th THEMES Summer school - Integrated analysis of complex, adaptive systems, University of Sussex Brighton, UK
- 2003 **Four months Erasmus Mundus Fellowship** spent at the Université de Toulon et du Var, Toulon, France

SKILLS

Languages

Italian and French: mother tongue

	<u>Listening</u>	<u>Reading</u>	<u>Speaking</u>	<u>Writing</u>
English	Proficient user	Proficient user	Proficient user	Proficient user
Spanish	Proficient user	Proficient user	Independent user	Basic user
German	Independent user	Basic user	Basic user	Basic user

Computer

Good command of Windows Office, ArcGIS 9.3, Atlas.ti, Creative Thinker

Artistic

Photography - Skills improved through leisure activities and two courses: “Camera Craft I” at the Australian Centre for Photography of Sydney, Australia (2004); and “Learning how to see” at the Spéos Paris Photographic Institute, France (2008)

Other

PADI Open Water Scuba Diver certification - Obtained at the “Deep Sea Divers Den” in Cairns, Australia (2004)

PUBLICATIONS

Depietri, Y., Kallis, G., Baró, F. (draft). The political ecology of peri-urban ecosystem services for city well-being: the case of Barcelona and the Collserola Natural Park. To be submitted to the Journal of Ecological Economics;

Welle, T., Depietri, Y., Angignard, M., Birkmann, J., Renaud, F., Greiving, S., 2014. Vulnerability Assessment to Heat Waves, Floods, and Earthquakes Using the MOVE Framework: Test Case Cologne, Germany, in: Alexander, D., Birkmann, J., Kienberger, S. (Eds.), Assessment of Vulnerability to Natural Hazards: A European Perspective. Elsevier, San Diego, CA, pp. 91–124;

Depietri, Y., Guadagno, L., and Breil M. (2013). Urban watershed services for improved ecosystem management and risk reduction, assessment methods and policy instruments: state of the art. FEEM Working Paper 101.2013, Milan Italy;

Depietri, Y., Welle, T., Renaud, F. G. (2013). Social Vulnerability assessment of the Cologne urban area (Germany) to heat waves: links to ecosystem services. International Journal of Disaster Risk Reduction, 6: 98-117;

Guadagno, L., Depietri, Y. and Fra-Paleo, U. (2013). Urban disaster risk reduction and ecosystem services. In Renaud, F. G., Sudmeier-Rieux, K., and Estrella, M.: The Role of Ecosystems in Disaster Risk Reduction. UNU-Press, Tokyo, 389-415;

Depietri, Y., Renaud, F. G., and Kallis, G. (2012). Heat waves and floods in urban areas: a policy-oriented review of ecosystem services. Sustainability Science, 7 (1):95-107;

Depietri, Y., and Estrella, M. (2011) Managing watersheds for urban resilience. Partnership for Environment and Disaster Risk Reductions (PEDRR) Policy Brief, pp 14;

Giupponi C., Mysiak J., Depietri Y., Tamaro M. (2011) Decision Support Systems for water resources management: current state and guidelines for tool development in Vanrolleghem P.A. (Ed.), Decision Support for Water Framework Directive Implementation, IWA Publishing, Vol. 3, pp. 107-202;

Depietri, Y. and Giupponi, C. (2008) “Science-Policy Communication: experiences of the Nostrum-DSS project in the Mediterranean Region”. Working Papers of the Department of Economics, Ca’ Foscari University of Venice, No. 38/WP/2008, ISSN 1827-3580;

Giupponi, C., Depietri, Y., Camera, R., Crimi, J., Sgobbi A. (2007) “The NOSTRUM-DSS Guidelines for improved development and adoption of Decision Support Systems in Integrated Water Resources Management in the Mediterranean Basin” OPTIONS Méditerranéennes Series B: Studies and Research Number 56, 239-248.

CONFERENCES AND WORKSHOPS

Depietri, Y. (2013). Vulnerability assessment of urban areas to hydro-meteorological hazards in Europe: links to ecosystem services. ICTA (UAB) Seminars, Barcelona, Spain, 20th November 2013;

Depietri, Y., Welle, T., Renaud, F. G. (2013). Social vulnerability assessment of the Cologne urban area (Germany): links to ecosystem services. FEEM Seminars, Venice, Italy, 21st February 2012;

Depietri, Y., Rajeswari Swaminathan, D., Blätgen, T. R., Welle, T., Renaud, F. (2012). Socio-ecological

vulnerability assessment of the Cologne urban area to heat waves. Geoinformatics Forum Salzburg. GIScience & Technology, Learning with GIS, Salzburg, Austria, 3-6 July 2012;

Depietri, Y., Welle, T., Blätgen, T. R., Rajeswari Swaminathan, D., Renaud, F. G. (2011). Social-ecological vulnerability assessment of the Cologne urban area to heat waves. Seminar and workshop: Synthesizing different perspectives on the value of urban ecosystem services, University of Lodz, Poland, 15-16 July 2011;

Mysiak, J., Giupponi, C., Depietri Y., Colombini, G. (2008). A note on attitudes towards and expectation from the Decision Support Systems. iEMSs 2008: International Congress on Environmental Modelling and Software Integrating Sciences and Information Technology for Environmental Assessment and Decision Making 4th Biennial Meeting of iEMSs, M. Sánchez-Marrè, J. Béjar, J. Comas, A. Rizzoli and G. Guariso (Eds.) International Environmental Modelling and Software Society (iEMSs), Universitat Politècnica de Catalunya, Barcelona, 7-10 July 2008;

Depietri, Y. and Giupponi, C. (2007) "Science-Policy Communication: experiences of the Nostrum-DSS project in the Mediterranean Region". Proceedings of the International Conference on Adaptive and Integrated Water Management. Coping with complexity and Uncertainty (CAIWA 2007), Basel, Switzerland, 12-15 November 2007;

Depietri Y., Sgobbi A. (2007) "Brahmatwinn Capacity Building Workshop on the NetSyMoD approach, Problem Analysis and Creative System Modelling phases", Phuentsholing, Bhutan, 24-25 October 2007;

Depietri, Y., Giupponi, C., Crimi, J., Sgobbi, A. (2007). "DSS Guidelines for the Mediterranean Area Nostrum-DSS Coordination Action". Final Conference of the Harmoni-CA project: European Research Input to River Basin Management, Brussels, Belgium, 25 -27 September 2007;

Giupponi, C., Mysiak, J., Depietri, Y. (2007). "Harmoni-CA Report - Decision Support Systems for water resources management: current state and guidelines for tool development". The "Harmoni-CA product review meeting", Cologne, Germany, 1 March 2007;

Giupponi, C., Camera, R., Depietri, Y., Crimi, J., Sgobbi, A. (2006). "The NOSTRUM-DSS Guidelines for improved development and adoption of Decision Support Systems in Integrated Water Resources Management in the Mediterranean Basin". Proceeding of the 3rd International Conference on the "Water Resources in the Mediterranean Basin" (WATMED3), Tripoli, Lebanon, 1-3 November, 2006;

Depietri, Y., Mysiak, J., Giupponi, C. (2006). "Report on practical application and development of Decision Support Tools in water management". Conference proceedings of the "EUROPE-INBO 2006. 4th European Conference on the implementation of the Water Framework Directive", Megève, France 20-22 September 2006.