

# JULIETTE FINZI HART

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## EDUCATION

- 2000 - 2007 Doctor of Philosophy in Ocean Sciences, University of Southern California, Los Angeles, CA
- 2002 - 2004 Graduate Certificate in Environmental Sciences, Policy and Engineering: Sustainable Cities, University of Southern California, Los Angeles, CA
- 1992 - 1996 Bachelor of Arts in Art History, Columbia University, New York, NY

## FELLOWSHIPS

- 2006 - 2007 Fellow, John A. Knauss Marine Policy Fellowship, Washington, DC
- 2004 - 2005 Fellow, The Tyler Prize for Environmental Achievement, USC, Los Angeles, CA
- 2002 - 2004 Fellow, National Science Foundation: Sustainable Cities, USC, Los Angeles, CA

## PROFESSIONAL EMPLOYMENT

- 2013 – present Founder | Principal Researcher  
Thalassa Research & Consulting, LLC  
*Provide marine and climate science for public and private entities.*
- 2007 - present Assistant Professor (Research), Marine Environmental Biology Program, University of Southern California, Los Angeles, CA |  
Regional Research and Planning Specialist, University of Southern California Sea Grant Program, Los Angeles, CA  
*Lead on sea level rise adaptation planning for the City of L.A.; lead investigator on statewide coastal climate adaptation needs assessment survey; communications specialist conducting outreach of Sea Grant funded research and co-editor of USC Sea Grant's quarterly mini-journal (Urban Mariner).*
- 2006 – 2007 Assistant Professor (Research), Department of Geography, University of Southern California, Los Angeles, CA  
*Research on sustainable tourism; developed Integrated Island Management Plan and Visitor Management Framework for Catalina Island Conservancy.*
- 2000 – 2006 Doctoral Graduate Student, University of Southern California, Marine Environmental Biology Program, Los Angeles, CA  
*Research on open ocean carbon and nitrogen cycling; phytoplankton production/irradiance studies; study of intracellular carbon and nitrogen cycling within phytoplankton utilizing nanoSIMS.*
- 1999 - 2000 Research Assistant, Scripps Institution of Oceanography, UCSD, San Diego, CA  
*Research on feeding dynamics of coastal zooplankton.*

- 1997 - 1999            Research Assistant, Center for Coastal Studies, Provincetown, MA, USA  
*Research on North Atlantic right whale feeding and habitat; zooplankton studies along eastern seaboard of U.S.*
- 1996 - 1997            Art Consultant, Kate Chertavian Fine Art, London, UK  
*Assisted Modern British art dealer; assisted in curating gallery shows highlighting current Cornwall painters; managed art installations for David Bowie.*

### **PEER-REVIEWED PUBLICATIONS**

**Finzi-Hart, J.A.**, A. Subramaniam, J.A. Burns, D.G. Capone (*in revision*) *Photophysiological Parameters in Natural Populations of Trichodesmium in the Subtropical N. Atlantic and N. Pacific*. To be resubmitted to Aquatic Microbial Ecology.

**Finzi Hart, J.A.**, A. Kustka, D.G. Capone (*in revision*) *The Effect of Fe- and P-Limitation on the Photophysiological Parameters  $P_{max}$  and  $\alpha$  in Trichodesmium IMS101*. To be resubmitted to Aquatic Microbial Ecology.

**Finzi-Hart, J.A.**, J. Pett-Ridge, P.K. Weber, R. Popa, S. J. Fallon, T. Gunderson, I. D. Hutcheon, K.H. Neelson, and D.G. Capone (2009) *Fixation and fate of C and N in the cyanobacterium Trichodesmium using nanometer-scale secondary ion mass spectrometry*. Proceedings of the National Academy of Sciences USA 106:6345-6350.

R. Popa, P.K. Weber, J. Pett-Ridge, **J. A. Finzi**, S. J. Fallon, I.D. Hutcheon, K.H. Neelson and D.G. Capone (2007) *Carbon and nitrogen fixation and metabolite exchange in and between individual cells of Anabaena oscillarioides*. International Society for Microbial Ecology Journal 1:354 –360.

**Finzi, J.A.** (2007) *Photophysiological parameters for CO<sub>2</sub> and N<sub>2</sub> fixation of Trichodesmium spp. in natural populations and in culture nutrient limitation experiments*. Ph.D. Dissertation.

### **PUBLICATIONS AND REPORTS**

P. M. Grifman, **Finzi Hart, J. A.**, J. Ladwig, M. Schulhof (*in revision*) *Sea Level Rise Vulnerability Study for the City of Los Angeles*. USC Sea Grant Technical Report, USCSG-TR-02-2012.

**Finzi Hart, J.A.**, P. Grifman, S. Moser, A. Abeles, M. Myers, S. Schlosser, J. Ekstrom (2012) *Rising to the Challenge: Results of the 2011 Climate Adaptation Needs Assessment Survey*. USC Sea Grant Technical Report, USCSG-TR-01-2012.

**Finzi Hart, J.A.**, C. de la Rosa (2009) *Catalina Island Integrated Management Plan and Visitor Management Framework*.

**Finzi, J.A.** (2004) *Tourism, the Environment and Sustainability: Perspectives in Jalcomulco, Ver.. In: A Case Study of Sustainability: Jalcomulco, Veracruz* ([www.usc.edu/dept/geography/ESPE/documents/publications\\_jalcomulco\\_report.pdf](http://www.usc.edu/dept/geography/ESPE/documents/publications_jalcomulco_report.pdf)).

**Finzi, J.A** and C.A. Mayo (1999) *Preliminary description of zooplankton composition in North*

*Atlantic right whale (Eubalaena glacialis) habitats on the Scotian Shelf.* Report to NEFSC/NMFS.