

Fiorenza Micheli
Curriculum Vitae

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My research focuses on the processes and interactions shaping coastal marine communities and incorporating this understanding in the management and conservation of marine ecosystems. A primary focus of my research program has been in how disturbance and interactions between species underlie the organization, spatial variation, and temporal change in marine communities. In addition to addressing these basic ecological questions, my research seeks to apply community ecology to increase our understanding of human impacts on the marine environment and to design conservation and restoration strategies. Examples include quantifying the joint effects of increased nutrient loading, fishing, and climate change on marine ecosystems and incorporating our understanding of diversity patterns, species interactions, habitat-species linkages, and patterns of human use of natural resources in the design and evaluation of marine reserve networks and marine zoning.

To date, I have authored or co-authored 100 peer-reviewed publications (including 11 *Science* articles and letters, one of which as the sole author, 5 *Ecological Monographs*, 4 as first author, 3 *Proceedings of the National Academy of Science*, 5 *Ecological Applications*, 3 *Ecology Letters*, 2 *Conservation Biology*, 2 *Conservation Letters*, 1 *Annual Review of Ecology and Systematics*, and a monograph in *Advances in Marine Biology*), and several reports and general articles. I have given over 100 presentations at conferences, symposia and at academic institutions, including ~50 invited presentations and three lectures as the keynote speaker in international conferences. I have obtained grants from the US National Science Foundation, Environmental Protection Agency, NOAA, and private foundations, including funding for two multi-institutional and interdisciplinary projects from the highly competitive NSF – Biocomplexity in the Environment program. I have been invited to serve on a number of advisory committees, including the Science Advisory Committee for the WWF, the Mediterranean Group of IUCN's World Commission on Protected Areas - Marine (WCPA MMED), the Science Advisory Board of the National Center for Ecological Analysis and Synthesis (NCEAS), the Ecological Society of America committee for "Ecological Science, Education and Outreach in the First Decade of the 21st Century: An Assessment and Strategic Planning Effort", and the Monterey Bay National Marine Sanctuary Research Activity Panel. I am reviewer for a suite of International professional journals, including *Science*, *American Naturalist*, and *Ecology*, and editor for the journals *Conservation Biology* and *Theoretical Ecology*. I have been primary advisor or co-advisor for 40 postdoctoral researchers and graduate students, and ~ 50 undergraduates conducting research. Finally, I have conducted outreach activity both through community involvement and through interviews and articles in the media. In particular, my research was covered nationally and internationally by television, radio and newspapers, including CNN, New York Times, FOX news, the BBC, RAI, Corriere della Sera, and Sole 24 Ore.

Education:

- 1995 Ph.D. in Marine Sciences, University of North Carolina at Chapel Hill, USA (Advisor: Prof. Charles H. Peterson).
- 1988 University Degree in Natural Sciences, University of Florence, Italy (Advisor: Prof. Marco Vannini). *Magna cum laude* honorary mention.

Professional Experience:

- 2010- Full Professor, Department of Biology, Stanford University
- 2008-2009 Associate Professor, Department of Biology, Stanford University
- 2009-2011 Affiliated Faculty, Woods Institute for the Environment, Stanford University
- 2001-2007 Assistant Professor, Biological Sciences Department, Stanford University
- 1999-2000 Visiting Researcher, University of Pisa, Italy
- 1996-1998 Postdoctoral Researcher, National Center for Ecological Analysis and Synthesis, Santa Barbara, CA, USA
- 1995-1996 Postdoctoral Researcher, University of North Carolina at Chapel Hill, Institute of Marine Sciences, Morehead City, NC, USA
- 1991-1995 Research Assistant, University of North Carolina at Chapel Hill, Institute of Marine Sciences, Morehead City, NC, USA
- 1989-1990 Visiting Research Fellow, Australian Institute of Marine Science, Townsville, Australia

Fellowships, Awards and Honors:

- President of the Western Society of Naturalists, 2011.
- Pew Fellow in Marine Conservation, 2009-2011.
- Fellow of the California Academy of Sciences, Elected 2008.
- Chambers Fellow, 2008-2010.
- Alden H. and Winifred Brown Faculty Fellow, 2005-2006.
- Aldo Leopold Leadership Fellow, 2004.
- Hellman Faculty Scholar, Stanford University, 2003.
- Post-doctoral fellowship from the National Center for Ecological Analysis and Synthesis, Santa Barbara, CA, USA, “Joint effects of top-down and bottom-up forces on the structure and dynamics of estuarine and coastal marine communities: interactions between nutrient inputs and fisheries exploitation” (28 months), 1996-1998.
- Membership in The Frank Porter Graham Graduate and Professional Honorary Society, University of North Carolina at Chapel Hill, NC, USA. Since 1995.
- On-campus dissertation fellowship, The Graduate School, University of North Carolina at Chapel Hill, NC, USA, “Individual-based approach to the study of predator-prey interactions in marine soft bottoms: role of foraging behavior of predators in determining patterns of predation on benthic prey”, 1995.
- Sigma-Xi Grant-in-Aid, 1992.
- Fulbright scholarship for graduate studies in the United States. University of North Carolina at Chapel Hill, NC, USA, 1990-1991.
- Commonwealth Postgraduate Research Award, Australian Institute of Marine Science, Townsville, Australia, “Feeding ecology of mangrove crabs in North Eastern Australia” (12 months), 1989-1990.
- *Magna cum laude* graduate, University of Florence, Italy, 1988.

Current and past Research Grants:

- Participant (advisory board member) in EU-funded project COCONET “Towards Coast to Coast NETWORKS of marine protected areas (from the shore to the high and deep sea), coupled with sea-based wind energy potential”. F. Boero, U. of Salento, Italy, PI. 9,000,000 euros total. 5000 euros to F. Micheli. 2012-2015.
- Mediterranean Reserve Managers International Cooperative (MRMIC) Fellowship "Enhancing the capacity of Mediterranean marine protected areas (MPAs)". \$ 5,000. 2012.
- PI on grant from the Center for Ocean Solutions (COS), Monterey, CA, “Patterns, drivers and consequences of coastal hypoxia in the California Current Large marine ecosystems”. \$ 75,000. June 2011-2012.
- Co-PI on grant from the Center for Ocean Solutions (COS), Monterey, CA, “Social-Ecological Resilience in Small-Scale Fisheries”. \$ 75,000. April 2012-2013.
- Co-PI on grant from the Lenfest Ocean Program “Shark Abundance Baselines” (F. Ferretti, B. Worm, H. Lotze, and N. Dulvy, co-PIs). 2011-2014. \$ 284,000.
- Co-PI (with Andrea Saenz, Jorge Torre, and Luis Bourillon) on grant from the Walton Family Foundation “Building Ocean Resilience: an incentive based approach for marine conservation”. 2011-2012, \$ 150,000.
- Grant through the Woods Undergraduate Interdisciplinary Research (UIR) Program to mentor (with PhD student K. Kroeker) undergraduate Sabina Perkins in conducting research on “Assessing the impacts of ocean acidification in natural CO₂ vents”. \$5,600. Summer 2011.
- VPUE Faculty Grant for undergraduate research support, Stanford University (with PhD candidate D. Madigan) “Pelagic ecology of the Eastern Pacific using stable isotope, electronic tagging, and dietary analysis”. \$ 5,600. Supported Joseph Abelson, Summer 2010.
- Co-PI on the project “Center for Ocean Solutions: Monterey Bay Kelp Forest Carbon Observatory” (S. Monismith, PI). \$ 550,000. 2011-2013.
- Pew Fellowship in Marine Conservation. \$ 150,000. 2009-2011.
- US-Israel Binational Science Foundation “Planktivory and hydrodynamics in benthic communities” (Amatzia Genin, The Hebrew University, Jerusalem, Israel, Stephen Monismith, Stanford University, Jules Jaffe, University of California, San Diego, Jeffrey Koseff, Stanford University, and Fiorenza Micheli, Stanford University, co-PIs). 3 years. \$129,000. 2009-2012.
- Co-PI on Woods Institute for the Environment Environmental Venture Projects, Stanford University “Biophysical interactions in a near-shore kelp ecosystem: Observations and implications for monitoring and design of Marine Protected Areas” (with S. Monismith, PI, and M. Denny, co-PI). 2009-2011. \$ 195,156.
- PI on grant from the David and Lucile Packard Foundation Conservation & Science Program “Multi-species small-scale fisheries certification: extending certification principles beyond single species”. \$ 119,200. 2008-2011.
- Co-PI on grant from the Moore Foundation “Marine area-based management” (with M. Caldwell and D. Sivas, SU, Center for Ocean Solutions, and S. Palumbi, SU, Biology). \$ 500,000 total. 2008-2010.
- Chambers Fellowship, Stanford University. 2008-2010. \$ 75,000.
- PI on Woods Institute for the Environment Environmental Venture Projects, Stanford University “Understanding the effects of fishing on coral reef ecosystems: an interdisciplinary approach” (with R. Dunbar, D. Bird, D. McCauley, and W. Durham, co-PIs). 2008-2011. \$ 171,500.
- Co-PI (with Andrea Saenz, Jorge Torre, and Luis Bourillon, COBI, PIs) on grants from the Walton Family Foundation. Subwards from Comunidad y Biodiversidad (COBI): 2007-2008 “Strengthening Marine Conservation in the Gulf of California Region” \$65,000; extended for 2008-2009 \$122,600; 2009-2011 \$ 233,000.
- VPUE Faculty Grant for undergraduate research support, Stanford University (with PhD

- candidate R. Martone) “Environmental drivers of spatial variation in reproductive fitness of benthic marine herbivores”. 2007. \$4,000.
- Co-PI (with B. Halpern, K. Selkoe, and C. V. Kappel) on grant from The Moore Foundation “Ranking and mapping human threats and impacts to marine ecosystems in the California Current”. 2006-2008. \$190,616.
 - Co-PI on grant from the Lenfest Ocean Program (with B. Worm and R. Myers). 2006-2008. \$160,000.
 - Co-PI on grant from the Oak Foundation (with A. Rosenberg, E. Sala and R. Myers). 2006-2010. \$ 150,000.
 - Co-PI on grant from the National Center for Ecological Analysis and Synthesis (NCEAS), Santa Barbara, CA, “A synthetic approach to the science of ecosystem-based management” (with A. Rosenberg, UNH). \$ 119,000. 2005-2008.
 - Co-PI on grant from the National Center for Ecological Analysis and Synthesis (NCEAS), Santa Barbara, CA, “Putting ocean wilderness on the map: building a global atlas of ‘pristine’ marine environments” (with B. S. Halpern and H. S. Lenihan). \$ 17,500. 2004-2006.
 - Co-PI on grant from the EPA STAR program “Connectivity in Marine Seascapes: Predicting ecological and socioeconomic costs of climate change on coral reef ecosystems” (J. N. Sanchirico, PI). \$ 750,000. 2005-2009.
 - VPUE Faculty Grant for undergraduate research support, Stanford University “Responses of rocky-shore marine communities to human and natural disturbances: an experimental approach”. 3 months. \$ 4,500. 2004.
 - PI on grant from the National Science Foundation–Biocomplexity in the Environment, “Linking human and biophysical processes in coastal marine ecosystems of Baja California”. 4 years. \$1,600,000. 2004-2008. No-cost extension till September 2010.
 - PI on project “Monitoring the effectiveness of MPAs”, funded by the NOAA MPA center, Monterey, CA, through subcontract from the Monterey Bay Sanctuary Foundation. 1 year. \$ 20,000. 2004.
 - Co-PI on grant from the NOAA National Underwater research Program (NURP) “Cross-habitat community analysis of the effectiveness of a Bahamian marine reserve: contributing to regional understanding of biodiversity for MPA network design” (D. Brumbaugh P.I.), 2 years. \$ 50,000. 2004-2005.
 - PI on a Stanford University – Office of Technology and Licensing Research Incentive Award, “Decline of abalone populations in central California: will protection from humans allow recovery?” 15 months. \$ 23,000. 2002-2003.
 - PI on grant from the National Science Foundation Biocomplexity Program, “Linking human socioeconomic and marine ecosystem dynamics along the Pacific coast of Baja California, Mexico”. \$ 100,000. 2003-2005.
 - Co-PI on grant to the National Science Foundation Biocomplexity Program, “Coupled natural and human dynamics in coral reef ecosystems: the effects of marine reserve networks design and implementation on fisheries, biodiversity, and human communities” (D. Brumbaugh, P. I.). \$ 2,500,000 total. \$ 308,000 to F. Micheli. 2001-2007.
 - PI on grant proposal to the National Oceanic and Atmospheric Administration – NEERS Program, “The effects of the invasive reef-building polychaete, *Ficopomatus enigmaticus*, on the physical environment and biological community of Elkhorn Slough, CA” (graduate fellowship to K. Heiman). \$ 35,000. 2002-2004.
 - PI on grant from the National Geographic Society - Committee for Research and Exploration, “Fishing, trophic cascades, and the invasibility of marine communities”. 1999-2000. \$15,000.
 - PI on grant from the National Administration of the Tuscany Archipelago Reserve System, “The effects of marine reserves on coastal marine ecosystems of the Tuscany Archipelago”. 1999-2000. \$15,000.
 - Senior participant in grant from the National Science Foundation – Biological Oceanography

“Community development and structure at hydrothermal vents: life after recruitment” (L. S. Mullineaux, C. H. Peterson, and C. R. Fisher, P.I.s). 1997-2000.

- Senior participant in grant from the Division of Marine Fisheries, North Carolina, USA, “Effects of shellfish harvesting on clam and oyster production on shallow-water oyster reefs” (F. Micheli, author, H. S. Lenihan and R. A. Cummings, P.I.s) 1996-1997. \$27,000.
- Senior participant in grant from the Cooperative Institute of Fisheries Oceanography, “Integration of the intertidal oyster reef habitat into landscape-scale management of estuaries through understanding the mechanistic basis of keystone predator behavior” (F. Micheli, author, C. H. Peterson, P.I.) 1995-1996. \$29,000.
- Senior participant in grant from the National Oceanic and Atmospheric Administration Oyster Disease Research Project, “Experimental analysis of the influence of hydrodynamics and oceanographics on parasitic infection in oysters” (H. S. Lenihan and F. Micheli, co-authors, C. H. Peterson, P.I.) (12 months). 1995. \$75,000.

Research Interests:

Community ecology; marine ecology; marine conservation; species interactions and habitat-organism relationships in aquatic ecosystems; structure and dynamics of marine food webs; effects of multiple disturbances on populations and communities; marine protected areas; marine restoration; marine ecosystem-based management; species interactions in marine benthic and pelagic communities (rocky intertidal and subtidal habitat, coral reefs, temperate reefs, seagrass, salt marsh and mangrove habitats, intertidal and shallow soft sediments, coastal and offshore pelagic ecosystems, and deep-sea hydrothermal vents); species invasions in marine coastal ecosystems; behavioral ecology.

Research Experience:

Full, Associate and Assistant Professor, Hopkins Marine Station, Stanford University, Jan 2001-present

- Assessing the direct and indirect effects of ocean acidification on rocky reef communities. Lead: Kristy Kroeker, PhD candidate, Biology. In collaboration with Drs. M. C. Gambi and M. C. Buia, Zoological Station, Naples, Italy. 2008-2010. Funded through Chambers fellowship.
- Coastal hypoxia in the California Current region: patterns, mechanisms and consequences. Center for Ocean Solutions. 2011-2012.
- Social-ecological resilience of small-scale fisheries. Center for Ocean Solutions, 2012-2013, and Walton family Foundation, 2011-2013.
- Reconstructing shark baselines. Lenfest Ocean Program. 2011-2014.
- Assessing cumulative impacts from multiple stressors to Mediterranean coastal marine ecosystems. Pew Fellowship in Marine Conservation. 2009-2011.
- Biological-physical coupling in kelp forest ecosystems, in collaboration with S. Monismith, Mark Denny, postdocs Brock Woodson and Steve Litvin, and PhD students Kristen Honey and Ryan Monitz, 2009-2011.
- Effects of fishing on coral reef ecosystems. In collaboration with R. Dunbar, D. Bird, D. McCauley, H. Young and W. Durham. Woods Institute for the Environment, Environmental Venture Projects, Stanford University. 2008-2010
- Multi-species small-scale fisheries certification: extending certification principles beyond single species. In collaboration with S. Lluch Cota (CIBNOR, Mexico), R. Martone (UBC, Canada) and G. Shester (MBA). 2008-2010.
- Marine area-based management. Center for Ocean Solutions. In collaboration with M. Caldwell, D. Sivas, S. Palumbi and B. Halpern. 2008-2009.

- Effects of community-based marine reserves on marine ecosystems and fisheries. In collaboration with Andrea Saenz, COBI, and Giulio De Leo and Marisa Rossetto, U. of Parma, Italy. Isla Natividad, Mexico. 2007-2013.
- Temporal change in pelagic foodwebs and cascading effects of fishing. In collaboration with B. Worm and R. Myers (Dalhousie University, Canada). Lenfest Ocean Program. 2006-2008.
- Recovery Scenarios for the Northwestern Mediterranean Marine Ecosystem: motivating policy action on an ecosystem basis. In collaboration with A. Rosenberg, E. Sala and H. Lotze. Oak Foundation. 2007-2010.
- Patterns and processes of rocky-shore community variation along natural and anthropogenic gradients of disturbance. Stanford University set-up funds and VPUE Faculty Grant for undergraduate research support, Stanford University. Projects conducted in collaboration with graduate and undergraduate students in the lab, as an opportunity for both student training and research. 2001-present.
- Persistence and recovery of depleted marine invertebrates in marine reserves. Stanford University – Office of Technology and Licensing Research (F. Micheli, PI). 2002-2003. Monterey Bay Sanctuary Foundation. Projects conducted in collaboration with graduate and undergraduate students in the lab, as an opportunity for both student training and research. 2004-2006.
- Study of the function and design of marine reserve networks in the Bahamas. “Coupled natural and human dynamics in coral reef ecosystems: the effects of marine reserve networks design and implementation on fisheries, biodiversity, and human communities”, National Science Foundation Biocomplexity Program, (D. Brumbaugh, P. I.). 2002-2006. “Cross-habitat community analysis of the effectiveness of a Bahamian marine reserve: contributing to regional understanding of biodiversity for MPA network design” NOAA National Underwater research Program (D. Brumbaugh, P.I.). 2004-2005. “Connectivity in Marine Seascapes: Predicting ecological and socioeconomic costs of climate change on coral reef ecosystems” EPA STAR program (J. N. Sanchirico, PI). 2005-2008.
- Study of biophysical and socioeconomic coupled systems in small-scale fisheries of the Pacific coast of Baja California. “Linking human socioeconomic and marine ecosystem dynamics along the Pacific coast of Baja California, Mexico”. National Science Foundation Biocomplexity Program (F. Micheli, P. I.). 2002-2004, and 2004-2010.
- Design and evaluation of marine protected areas. Participant in working group on “Development of Tools for the Practical Design of Marine Reserves”, National Center for Ecological Analysis and Synthesis (NCEAS), Santa Barbara, CA (A. Hastings and L. Botsford, PIs). 2002-2004.
- Linkages between biodiversity and ecosystem functioning. Participant in working group on “Linking marine biodiversity to ecosystem functions and services”, National Center for Ecological Analysis and Synthesis (NCEAS), Santa Barbara, CA (B. Worm and E. Sala, PIs). 2003-2004.
- Global and regional analyses of anthropogenic threats to marine ecosystems. Co-PI in working group on “Putting ocean wilderness on the map: building a global atlas of ‘pristine’ marine environments”, National Center for Ecological Analysis and Synthesis (NCEAS), Santa Barbara, CA (with B. S. Halpern, K. Selkoe, and H. S. Lenihan P.I.s). 2005 and grant from The Moore Foundation “Ranking and mapping human threats and impacts to marine ecosystems in the California Current”. 2007-2008.
- Ecosystem-based management of marine ecosystems. Co-PI in working group on “A synthetic approach to the science of ecosystem-based management” (with A. Rosenberg), National Center for Ecological Analysis and Synthesis (NCEAS), Santa Barbara, CA. 2005-2006 and grant from the Oak Foundation “Recovery Scenarios for the Northwestern Mediterranean Marine Ecosystem: motivating policy action on an ecosystem basis”. 2007-

2008.

- Participant in working group on “Conservation Planning for Ecosystem Functioning: Testing Predictions of Ecological Effectiveness for Marine Predators” (D. Doak, J. Estes, T. Wootton, and T. Williams, PIs), National Center for Ecological Analysis and Synthesis (NCEAS), Santa Barbara, CA. 2005-2006.
- Collaborator on project based at the University of Lecce, Italy (F. Boero and S. Fraschetti) on site selection of marine protected area in southern Italy, and evaluations of effectiveness of Mediterranean MPAs, and the University of Parma and Istituto Politecnico di Milano, Italy (G. De Leo, M. Gatto) on developing models for evaluating fisheries effects of marine reserves. Cooperation agreements between the Stanford University and the Universities of Lecce and Parma, and Ist. Politecnico di Milano were approved in June 2002, and April 2005. Funds of the U. of Lecce and Parma are covering travel expenses for the participants to visit their home institutions twice/year.

Participant in the research program “Interreg Italy-Greece” (EU funded), coordinator: Prof. F. Boero, University of Lecce, Italy, Apr. 2000-Dec. 2000.

- “Canopy removal experiments in rocky shore habitats of northern and southern Italy”, Interreg Italy-Greece (F. Boero P.I.). 2000.
- “Marine Protected Areas: objectives, design and effectiveness”, Interreg Italy-Greece (F. Boero P.I.). 2000.

Visiting researcher, Dipartimento di Scienze dell’Uomo e dell’Ambiente, University of Pisa, Italy, Jan. 1999-Dec. 2000.

- “Establishing the effects of marine reserves on the coastal marine ecosystems of the Tuscany Archipelago”. National Administration of the Tuscany Archipelago Reserve System, (F. Micheli, P.I.). 1999-2000.
- “Fishing, trophic cascades, and the invasibility of marine communities”. National Geographic Society - Committee for Research and Exploration, (F. Micheli P.I.). 1999-2000.
- “Ecological studies of the rocky-shore communities of Giannutri Island”. National Administration of the Tuscany Archipelago Reserve System (F. Cinelli, and L. Benedetti-Cecchi, P.I.s). 1999.

Postdoctoral researcher, National Center for Ecological Analysis and Synthesis (NCEAS), Santa Barbara, CA, USA. Sept. 1996-Dec. 1998.

- “Developing the theory of marine reserves”. NCEAS (J. Lubchenco, P.I.). 1998-1999.
- “Joint effects of top-down and bottom-up forces on the structure and dynamics of estuarine and coastal marine communities: interactions between nutrient inputs and fisheries exploitation”. NCEAS postdoctoral fellowship (to F. Micheli). 1996-1998.
- “Intrinsic and extrinsic variability in community dynamics”. NCEAS (A. R. Ives and T. M. Frost, P.I.s). 1996-1997.
- “Community development and structure at hydrothermal vents: life after recruitment”. National Science Foundation (L. S. Mullineaux, C. H. Peterson, and C. R. Fisher, P.I.s). 1997-2000.

Postdoctoral researcher, University of North Carolina at Chapel Hill, NC, USA. Sept. 1995-Aug. 1996.

- “Effects of shellfish harvesting on clam and oyster production on shallow-water oyster reefs”. North Carolina Division of Marine Fisheries (F. Micheli, author, H. Lenihan and R. Cummings, P.I.s). 1996-1997.
- “Integration of the intertidal oyster reef habitat into landscape-scale management of estuaries through understanding the mechanistic basis of keystone predator behavior”. Cooperative

Institute of Fisheries Oceanography (C. H. Peterson P.I.). 1995-1996.

- “Roles of larval settlement, species interactions and physiological adaptation during colonization of hydrothermal vents”. National Science Foundation (L. S. Mullineaux, C. R. Fisher, and C. H. Peterson, P.I.s). 1994-1996.

Research assistant, Institute of Marine Sciences, University of North Carolina at Chapel Hill, NC, USA. June 1991-Aug. 1995.

- “Roles of larval settlement, species interactions and physiological adaptation during colonization of hydrothermal vents”. National Science Foundation (L. S. Mullineaux, C. R. Fisher, and C. H. Peterson, P.I.s). 1994-1996.
- “Experimental analysis of the influence of hydrodynamics and oceanographics on parasitic infection in oysters”. National Oceanic and Atmospheric Administration Oyster Disease Research Project (C. H. Peterson P.I.). 1995.
- “RESEED: Recruitment Experiment Study under Estuarine Energetic Dynamics”. National Oceanic and Atmospheric Administration through the Cooperative Institute of Fisheries Oceanography (C. H. Peterson, R. A. Luettich, R. B. Forward, and D. Rittschoff, P.I.s). 1993-1994.
- “Accelerating and evaluating the development of restored and created seagrass ecosystems”. National Oceanic and Atmospheric Administration Coastal Ocean Program (C.H. Peterson, W.G. Ambrose, M.S. Fonseca, G.W. Thayer, S. Bell, P.I.s). 1992-1993.
- “Bay scallop recruitment failure in North Carolina: a case of spawner limitation or environmental deterioration”. Environmental Protection Agency through the Water Resources Research Institute (C. H. Peterson P.I.), 1992-1993.
- “Relative habitat value of two seagrass species: implications for substitutions through global warming”. National Oceanic and Atmospheric Administration-National Estuarine Research Reserve System (C.H. Peterson P.I.). 1992-1993.
- “Shellfisheries enhancement study: bay scallop, oysters, and hard clams”. State Legislature of North Carolina through the Cooperative Institute of Fisheries Oceanography (C. H. Peterson P.I.). 1992-1995.
- “Interactions between the water column and benthic suspension feeders”. National Science Foundation (C. H. Peterson P.I.). Special creativity extension 1990-1993.
- “Feasibility of hard clam and oyster restocking”. State Legislature of North Carolina through the Division of Marine Fisheries (C. H. Peterson P.I.). 1990-1992.
- “Application of experimental ecology to the development of a *Mya* fishery”. Sea Grant College Program of the University of North Carolina-Chapel Hill (C. H. Peterson P.I.). 1990-1991.

Commonwealth postgraduate fellow, Australian Institute of Marine Sciences, Townsville, Queensland, Australia. March 1989-Feb. 1990.

- “Feeding ecology of mangrove crabs in North Eastern Australia”. Commonwealth Postgraduate Research Award (to F. Micheli). 1989-1990.

Research assistant, University of Florence, Department of Animal Biology and Genetics, Florence, Italy. May 1985-Feb. 1989.

- “Ecological and behavioral studies of river crabs and crayfish in central Italy”. 60 % and 40 % funds of the Italian Ministry of Public Education (M. Vannini P.I.). 1985-1989.
- “Behavioural ecology of decapod crustaceans in east African mangrove forests” (Kenya). 60 % and 40 % funds of the Italian Ministry of Public Education (M. Vannini P.I.). 1988.
- “Population ecology of river crabs in the Dead Sea area, Israel”. 60 % and 40 % funds of the Italian Ministry of Public Education (M. Vannini and F. Gherardi P.I.s). 1988.

Research Cruises:

- Participant in cruises organized jointly by Stanford University and the Sea Education Association, Woods Hole (*Stanford@SEA*). 5 weeks sailing from Hawaii to Palmyra atoll and the Line Islands (Kiribati). Instruction and advising of independent undergraduate research projects on coral reef and tidal flat ecology. 2003 and 2005.
- Participant in ATLANTIS II/DSV - ALVIN cruises (4) to the East Pacific Rise. 1994, 1995, 1998 and 1999. Ecology of deep-sea hydrothermal vents.
- Participant in RV SEWARD JOHNSON - JOHNSON SEA-LINK cruise (1) to the continental slope off Cape Hatteras, NC, USA. 1992. Deep-sea benthic ecology.
- Participant in Australian Institute of Marine Science (AIMS) cruises (3) to the Great Barrier Reef, Australia. 1989-1990. Coral reef ecology.

Publications:

1. Guidetti, P., and F. **Micheli**. *In press*. From arts to marine conservation: reply to Blanford and Stoehr. *FEE*.
2. Sala, E., E. Ballesteros, P. Dendrinis, A. Di Franco, F. Ferretti, D. Foley, S. Fraschetti, A. Friedlander, J. Garrabou, H. Güçlüsoy, P. Guidetti, B. S. Halpern, B. Hereu, A. A. Karamanlidis, Z. Kizilkaya, E. Macpherson, L. Mangialajo, S. Mariani, F. **Micheli**, A. Pais, K. Riser, A. Rosenberg, M. Sales, K. A. Selkoe, R. Starr, F. Tomas, and M. Zabala. *In press*. The structure of Mediterranean rocky reef ecosystems across environmental and human gradients, and conservation implications. *PLoS ONE*.
3. Martone, R. G., and F. **Micheli**. *In press*. Geographic variation in demography of a temperate reef invertebrate: The importance of considering variation in multiple vital rates. *Mar. Ecol. Prog. Ser.*
4. Hoffman, G. E., J. E. Smith, K. S. Johnson, U. Send, L. A. Levin, F. **Micheli**, A. Paytan, N. N. Price, B. Peterson, Y. Takeshita, P. G. Matson, E. Derse Crook, K. J. Kroeker, M. C. Gambi, E. B. Rivest, C. A. Frieder, P. C. Yu, and T. R. Martz. 2011. High-frequency dynamics of ocean pH: a multi-ecosystem comparison. *PLoS ONE* 6(12): e28983. doi:10.1371/journal.pone.0028983.
5. Greenley, A. P., A. Muguia-Vega, A. Saenz-Arroyo, L. Vazquez-Vera, and F. **Micheli**. 2011. New Tetranucleotide Microsatellite Loci in Pink Abalone (*Haliotis corrugata*) Isolated Via 454 pyrosequencing. *Conservation Genetics Resources*. DOI 10.1007/s12686-011-9521-5
6. McCauley, D. J., K. A. McLean, H. S. Young, J. Bauer, and F. **Micheli**. *In press*. Evaluating the performance of methods for estimating the abundance of rapidly declining coastal shark populations. *Ecol. Appl.*
7. Rossetto, M., G. A. De Leo, D. Bevacqua, and F. **Micheli**. *In press*. Allometric scaling of mortality rates with body mass in abalones. *Oecologia*.
8. Parravicini, V., A. Rovere, P. Vassallo, F. **Micheli**, M. Montefalcone, C. Morri, C. Paoli, G. Albertelli, M. Fabiano, and C. N. Bianchi. *In press*. Understanding relationships between conflicting human uses and ecosystem status: a geospatial modeling approach. *Ecological Indicators*.
9. Kroeker, K. J., F. **Micheli**, M. C. Gambi, and T. R. Martz. 2011. Divergent responses within a marine community to in-situ ocean acidification. *PNAS* 108: 14515-14520.
10. **Micheli**, F., and A. Guerry. *In press*. Ecosystem Services. Chapter for the *Encyclopedia of Theoretical Ecology* (A. Hastings and L. Gross, eds). University of California Press.
11. Guidetti, P., and F. **Micheli**. 2011. Ancient art serving marine conservation. *FEE* 9: 374. Featured in Discovery News <http://news.discovery.com/history/ancient-mosaics-marine-conservation-110913.html>

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13. Shester, G. and F. **Micheli**. 2011 Conservation challenges for small-scale fisheries: bycatch and habitat impacts of traps and gillnets. *Biological Conservation* 144: 1673-1681.
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Manuscripts submitted:

1. McCauley, D. J., E. Hoffman, H. S. Young, and F. **Micheli**. Night shifts: prey assemblages expand their temporal niches following reductions in predation risk. Submitted to *PLoS ONE*.
2. **Micheli**, F., and F. Niccolini. Success and pressure: responsible development of intensely used coastal areas. Submitted to *Ecology and Society*.
3. Menzel, S., C. Kappel, B. Broitman, F. **Micheli**, and A. Rosenberg. Linking human activity and ecological characteristics to inform ecosystem-based management. Submitted to *Aquatic Conservation*.
4. DeSalles, P. A., D. J. McCauley, H. S. Young, Y. P. Papastamatiou, M. H. Deakos, J. P. Gardner, D. W. Garton, J. D. Collen, and F. **Micheli**. Reliance of mobile species on sensitive habitats: a case study of manta rays and lagoons. Submitted to *Behav. Ecol.*
5. McCauley, D. J., P. DeSalles, H. S. Young, R. B. Dunbar, R. Dirzo, M. M. Mills, and F. **Micheli**. From wing to wing: the persistence of long interaction chains in less disturbed ecosystems. Submitted to *PLoS Biology*.
6. Kim, T. W., J. Barry, and F. **Micheli**. Decreased oxygen and pH levels during coastal upwelling affect survivorship and growth of the red abalone *Haliotis rufescens*. Submitted to *PNAS*.
7. Rossetto, M., F. **Micheli**, A Saenz-Arroyo, A Espinoza, and G. A. De Leo. Population dynamics and resilience of *Haliotis fulgens*: combining models and long-term data to

- assess recovery. Submitted to *Fisheries Research*.
8. McCauley, D. J., H. S. Young, R. B. Dunbar, J. Estes and F. **Micheli**. Assessing the effects of large mobile predators on ecosystem connectivity. *Ecol. Appl.* In review.
 9. Fujita, R., A. C. Markham, J. Lynham, F. **Micheli**, P. Feinberg, L. Bourillón, and A. Saenz-Arroyo. Ecomarkets For Conservation And Sustainable Development in the coastal zone. Submitted to *Biological Reviews*.
 10. Parravicini, V., F. **Micheli**, M. Montefalcone, C. Morri, M. Castellano, G. Albertelli, P. Povero, and C. Nike Bianchi. Conserving biodiversity in a human-dominated world: degradation of marine sessile communities within a protected area in a coastal zone with conflicting human uses. Submitted to *Cons. Biol.*

Manuscripts under revision:

1. **Micheli**, F., G. De Leo, G. G. Shester, R. G. Martone, S. Lluch-Cota, C. Butner, L. B. Crowder, R. Fujita, S. Gelcich, M. Jain, S. E. Lester, B. McCay, R. Pelc and A. Sáenz-Arroyo. Raising the bar: expanding incentives for improvement of seafood harvesting and production practices and outcomes. Accepted pending revisions in *FEE*.
2. McCay, B. J., F. **Micheli**, G. Ponce-Díaz, G. Murray, G. Shester, S. Ramirez-Sanchez, and W. Weisman. Community-based Concessions on the Pacific Coast of Mexico. Accepted pending revisions in *Marine Policy*.
3. **Micheli**, F., A. Saenz, A. Greenley, L. Vazquez, A. Espinoza, M. Rossetto, and G. De Leo. Marine reserves enhance resilience to climatic impacts. Accepted pending revisions in *PLoS ONE*.
4. **Micheli**, F., K. W. Heiman, C. V. Kappel, R. L. Martone, G. C. Osio, S. Sethi, S. Fraschetti A. O. Shelton, and J. M. Tanner. Combined impacts of natural and human disturbances on rocky shore communities. Being revised for re-submission.
5. Haupt, A. J., F. **Micheli**, and S. Palumbi. Dispersal at a Snail's Pace: Historical Processes Affect Contemporary Genetic Structure in the Exploited Wavy Top Snail (*Megastrea undosa*). Accepted pending revision in *Journal of Heredity*.
6. Kim, T. W., and F. **Micheli**. Decreased solar radiation and increased temperature combine to facilitate the spread of marine non-indigenous fouling species. Accepted pending revisions in *Biol. Invasions*.
7. McCauley, D. J., E. Power, D. W. Bird, R. B. Dunbar, W. H. Durham, F. **Micheli**, and H. Young. Conservation at the edges of the world. Being revised for re-submission.
8. Martone, R., F. **Micheli**, L. Gonzalez, S. Guzman del Proo, A. Haupt, and E. Serviere. Regional and local variation of kelp forest communities along central Baja California, Mexico. In revision for *MEPS*.
9. Kroeker, K. J., C. M. Crain, and F. **Micheli**. Deconstructing climate change: the cumulative effects and interactions of multiple climatic stressors. In revision for re-submission to *MEPS*.
10. De Leo, G., and F. **Micheli**. Marine protected areas reconcile conservation and fisheries objectives. Being revised for submission to *Ecological Applications*
11. **Micheli**, F., P. Mumby, D. Brumbaugh, K. Broad, C. Dahlgren, A. Harborne, K. Holmes, C. Kappel, S. Litvin, and J. Sanchirico. High vulnerability of diversity and function in Caribbean coral reef seascapes. Being revised for submission to *Ecology Letters*.
12. Heiman, K. W., and F. **Micheli**. Environmental predictors of estuarine species distribution and abundance: a comparison of natives and non-natives on hard substrates. Being revised for submission to *Biol. Invasions*.

Manuscripts in preparation:

1. Kroeker, K. J., F. **Micheli**, and M. C. Gambi. Community reorganization caused by ocean acidification. In prep.
2. Wood, C. L., F. **Micheli**, M. Fernandez, J. C. Castilla, J. and Carvajal. Marine protected areas facilitate parasite populations, but not necessarily parasite infrapopulations, among four fished host species of central Chile. In prep.
3. **Micheli**, F., C. Butner, G. De Leo, R. G. Martone and G. Shester. A risk-based framework for assessing the cumulative impact of multiple fisheries. In prep.
4. **Micheli**, F., S. Walbridge, B. Halpern, S. Ciriaco, L. Njkaer, G. Notarbartolo di Sciara, R. Lewinson. T. Agardy, and A. Rosenberg. The cumulative human impact on Mediterranean marine ecosystems. In prep. for *Cons. Lett.*
5. Saenz-Arroyo, A., F. **Micheli**, A. Greenley, A. Hernandez, and L. Vazquez. Shoals of hypoxic and corrosive waters jeopardize livelihoods of coastal communities in Baja California, México. In prep.
6. Madigan, D. J., A. B. Carlisle, H. Dewar, S. Y. Litvin, O. E. Snodgrass, F. **Micheli**, and B. A. Block. Stable isotope analysis of pelagic predators in the southern California Current. In prep.
7. McCauley, D. J., H. S. Young, R. Guevara, E. Power, R. B. Dunbar, D. W. Bird, W. H. Durham, G. J. Williams, and F. **Micheli**. Underwater elephants: functionally important species and the importance of ecosystem functioning. In prep. for *Am. Nat.*
8. Kerkez, I., F. **Micheli**, H. Possingham and N. Hayden. An inventory of de facto marine reserves in central California: A tool to plan, evaluate and implement marine conservation. In prep. for *Cons. Biol.*
9. Costello, C., D. Ovado, A. Rassweiler, R. Martone, and F. **Micheli**. When should fisheries be managed at a fine scale? In prep.
10. Haupt, A. J., C. B. Woodson, F. **Micheli**, and S. Palumbi. Subtle genetic structure in the commercially fished wart sea cucumber, *Parastichopus parvimensis*. In prep.
11. Haupt, A. J., F. **Micheli**, and S. Palumbi. Concordant phylogeographic patterns associated with major the headland of Cape Mendocino in northern California. In prep.
12. Martone R., F. **Micheli**, A. Bodini and G. Shester. Assessing cumulative impacts of multiple fisheries. In prep.
13. Weisman, W., R. Martone, F. **Micheli**, A. Haupt, M. Ramade, G. Ponce, S. Guzman del Proo, B. McCay, E. Serviere, and G. Murray. Emergence of spatial management of fisheries at the appropriate scale: An essay on Mexico's abalone fishery with comparisons to other abalone fisheries globally. In prep.
14. Litvin, S., F. **Micheli**, J. Dunne, and P. Mumby. Network structure, biodiversity and robustness of coral reef fish communities to loss of species and habitat complexity. In prep. for *Ecology Letters*.
15. Martone, R. G., F. **Micheli**, and R. Dunbar. Temperature influences on growth of a marine snail reconstructed from opercular growth bands. In prep.
16. Shester, G., S. Lluch Cota, and F. **Micheli**. Evaluating the Ecological Impacts of the Baja California Red Spiny Lobster (*Panulirus interruptus*) Fishery in the Context of an Eco-label. In prep. for *Ecological Applications*.
17. **Micheli**, F., et al. Promoting ecological, social and economic resilience to climate change: a view from coastal Baja California, Mexico. In prep.
18. **Micheli**, F., A. Rosenberg, C. Kappel, S. Menzel, et al. Implementing a Scientific Framework for Ecosystem Based Management Decision-making. In prep. for *Ecological Applications*.
19. **Micheli**, F., et al. Complex drivers of fisheries performance: environmental, social and economic feedbacks. In prep. for *Fish and Fisheries*.
20. **Micheli**, F., L. Gonzalez, S. Guzman del Proo, A. Haupt, R. Martone, B. McCay, E. Serviere, G. Shester, and W. Weisman. Productivity and diversity of assemblages and

- fisheries at the southern edge of giant kelp distribution in Baja California, Mexico. In prep. for *Ecological Applications*.
21. **Micheli**, F., K. W. Heiman, C. V. Kappel, R. L. Martone, S. Frascchetti, G. C. Osio, S. Sethi, A. O. Shelton, and M. J. Anderson. Natural variability and human influences on rocky shore communities. In prep. for *Aquatic Conservation*.
 22. Botsford, L.W., B. Halpern, D. Kaplan, F. **Micheli**, and R. R. Warner. Early transient response of populations to marine reserves: models and data. In prep. for *Ecological Applications*.
 23. Frascchetti, S., F. **Micheli**, A. Terlizzi, and F. Boero. Redefining conservation targets and criteria for the evaluation of Marine Protected Area efficacy. In prep. for *Ecological Applications*.

Reports and Non-refereed Articles

1. **Micheli**, F., A. Greenley, M. Rossetto, G. De Leo, A. Munguia, L. Vazquez, and A. Saenz Arroyo. Assessing the efficacy of no-take reserves in maintaining and recovering target populations and kelp forest communities in Isla Natividad, Mexico. Report to the Walton family Foundation. January 2012. 58 pages.
2. **Micheli**, F., and S. Lluch. Ecosystem-based fisheries management and certification. Final project report to the David and Lucile Packard Foundation Conservation & Science Program. November 2011. 65 pages.
3. Parravicini, V., A. Rovere, P. Vassallo, F. **Micheli**, M. Montefalcone, C. Morri, C. Paoli, G. Albertelli, M. Fabiano, and C. N. Bianchi. Understanding relationships between conflicting human uses and ecosystem status for management: a geospatial modeling approach. Proceedings of the Italian Society of Marine Biology Congress. May 2011, Olbia, Italy. P 31-33.
4. Volpi, C., M. Borri, F. **Micheli**, and G. Sartoni. BioMarT: Biodiversita' Marina in Toscana. Final Report to Regional Administration of Tuscany, Italy. May 2011.
5. Selkoe, K., B. Halpern, and F. **Micheli**. 2010. Pilot Study: Changing ecosystem state across a gradient of fishing and pollution impacts along the Mediterranean coast of Morocco. A report to the Antinea Foundation. 16 pages.
6. Rosenberg, A., F. **Micheli**, E. Sala, G. C. Osio, F. Ferretti, P. Guidetti, S. Frascchetti, and L. Mangialajo. Recovery Scenarios for the Northwestern Mediterranean Marine Ecosystem: motivating policy action on an ecosystem basis. Final Report to the Oak Foundation. Submitted November 2010. 32 pages.
7. Guidetti, P., E. Sala, E. Ballesteros, S. Bussotti, A. Di Franco, B. Hereu, E. MacPherson, F. **Micheli**, A. Pais, P.A. Panzalis, A. Rosenberg, and M. Zabala. Fish assemblages across the Mediterranean Sea and the effects of protection from fishing. Atti del Congresso della Societa' Italiana di Biologia Marina, 7-11 June 2010. Rapallo, Genova, Italy.
8. **Micheli**, F., and S. E. Lluch Cota. 2010. "Relación entre los procesos socioeconómicos y bio-físicos en ecosistemas costeros marinos de Baja California Sur, proyecto científico NSF (OCE-0410439)". Final report to the Federacion de Sociedades Cooperativas Pesqueras Baja California.
9. **Micheli**, F. 2010. "Assessing the efficacy of no-take reserves in maintaining and recovering target populations and kelp forest communities in Isla Natividad, Mexico". Progress report to the Walton Family Foundation.
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11. **Micheli**, F., G. Shester, and S. Lluch-Cota. 2008. Linking biophysical and socioeconomic

- processes in coastal marine ecosystems of Baja California, Mexico. Technical Report. (51 pp.) to the Federacion de Cooperativas Pesqueras Baja California Sur (FEDECOOP) and to the Marine Stewardship Council.
12. Contributing author in the booklet “*The Science of Marine Reserves*”. Partnership for Interdisciplinary Studies of the Coastal Ocean. 2007.
 13. Botsford, L.W., F. **Micheli**, and A. Parma. 2007. Biological and Ecological Considerations in the Design, Implementation and Success of MPAs. A report for the Food and Agriculture Organization, Rome, Italy. January 2006. FAO Fisheries Report No. 825. 50 pages.
 14. **Micheli**, F., K. Heiman, C. Kappel, M. Lynch, J. Martin, and R. Martone. Ecological impacts of human visitation of rocky shores. In *Ecosystem Observations – an annual publication of the Monterey Bay National Marine Sanctuary*. Invited article.
 15. Frascchetti, S., F. **Micheli**, A. Terlizzi, and F. Boero. 2005. Redefining conservation targets: response variables and efficacy criteria for Marine Protected Areas. Proceedings of the XIV S.It.E. Congress (Annual Meeting of the Ecological Society of Italy). 4-6 October 2004, Siena, Italy. Contributed article.
 16. **Micheli**, F. Human-dominated marine ecosystems: the need for ecological solutions. Proceedings of the XIV S.It.E. Congress (Annual Meeting of the Ecological Society of Italy). 4-6 October 2004, Siena, Italy. Invited article.
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 20. Agardy, T., F. Coleman, T. Davis, J. Day, P. Dayton, and F. **Micheli**. *Afrodite International Advisory Committee Consensus Report*. February 2003. 20 pages.
 21. Boero, F., F. Briand, and F. **Micheli**. 1999. Executive summary. CIESM (Commission Internationale pour l’Exploration Scientifique de la mer Mediterranee) Workshop Series No. 8 “Scientific design and monitoring of Mediterranean marine protected areas”, 21-24 October 1999, Porto Cesareo, Italy. Invited article.
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 23. **Micheli**, F., and C. H. Peterson. 1995. Relative habitat value of two seagrass species: implications of species substitutions for estuarine fisheries production. October 1995. Report to NOAA. 34 pages.

Abstracts and posters:

1. Kroeker, K., F. **Micheli**, and M.C. Gambi. Ocean acidification affects recruitment and competition in benthic communities surrounding natural CO₂ vents. WSN meeting, 10-13 November 2011, Vancouver, WA. Abstract.

2. Wood, C. L., and F. **Micheli**. Fishing out marine parasites? Marine reserves facilitate parasite populations among exploited host species of central Chile. WSN meeting, 10-13 November 2011, Vancouver, WA. Abstract.
3. Perkins, S.R., A. Peterson, C. L. Wood, and F. **Micheli**. How do humans affect the distribution of trematode parasites on Palmyra Atoll? Western Society of Naturalists Meeting, 10-13 November 2011, Vancouver, WA. Poster.
4. Kim, T. W., J. Barry, and F. **Micheli**. Acidified and lowly oxygenated water driven by upwelling along the west coast of California may affect the mortality and growth of the red abalone *Haliotis rufescens*. Beyond the Golden Gate Research Symposium. November 1, 2011, San Francisco, CA, USA. Poster.
5. Halpern, B.S., K. A. Selkoe, C. V. Kappel, and F. **Micheli**. Measuring and mapping ecosystem status of global high seas. IMCC, Vancouver, CA, May 2011. Abstract.
6. Frascchetti, S., F. **Micheli**, L. Mangialajo, B. Hereu, E. Ballesteros, and E. Sala. Changes in beta-diversity across the Mediterranean Sea. Italian Association for Limnology and Oceanography (AIOL), July 2011, Lecce, Italy. Abstract.
7. **Micheli**, F. Climatic Impacts and resilience of coastal ecosystems and fisheries. Italian Association for Limnology and Oceanography (AIOL), July 2011, Lecce, Italy. Abstract.
8. Madigan D., N. Jayasundara, L. Gardner, A. Carlisle, B. Block, and F. **Micheli**. Ecological Consequences of Being a Warm Fish. MOTE Symposium, 2011. Poster.
9. Airoidi, L., M. W. Beck, F. Bulleri, F. Ferrario, F. **Micheli**, and S. Perkol-Finkel. Conservation challenges in marine urban environments. World Conference on Marine Biodiversity, Aberdeen, Scotland, September 2011. Abstract.
10. Wood, C. L., F. **Micheli**, M. Fernandez , J. C. Castilla , J. Carvajal , B. Zgliczynski, and S. Sandin. Fishing out marine parasites? Impacts of fishing on the abundance and diversity of fish parasites. 2011 American Fisheries Society Annual Meeting, Seattle, WA. Invited presentation. Abstract.
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12. Kim, T., and F. **Micheli**. Both global dimming and warming may accelerate invasion of marine non-indigenous species. Western Society of Naturalists, Annual Meeting. November 2010, San Diego, CA, USA. Abstract.
13. Greenley, A. P, F. **Micheli**, A. Saenz-Arroyo, L. Vazquez, M. Rossetto, A. J. Haupt, and A. Hernandez. Marine Reserves Act as a Buffer Against Natural Mortality Events for Pink (*Haliotis corrugata*) and Green (*Haliotis fulgens*) Abalone in Baja California Sur, Mexico. Western Society of Naturalists, Annual Meeting. November 2010, San Diego, CA, USA. Abstract.
14. Parravicini, V., M. Montefalcone, A. Rovere, G. Albertelli, M. Fabiano, C. Morri, F. **Micheli**, and C. Nike Bianchi. Water quality does not correlate with habitat quality: habitat mapping and evaluation to assess management priorities of marine coastal ecosystems. Annual meeting of the Estuarine and Coastal Science Association, Figueira de Foz, Portugal, 14-18 September 2010. Abstract.
15. Guidetti, P., E. Sala, E. Ballesteros, S. Bussotti, A. Di Franco, B. Hereu, E. MacPherson, F. **Micheli**, A. Pais, P.A. Panzalis, A. Rosenberg, and M. Zabala. Fish assemblages across the Mediterranean Sea and the effects of protection from fishing. Congresso della Societa' Italiana di Biologia Marina, 7-11 June 2010. Rapallo, Genova, Italy. Article.
16. Kroeker, K. J., M. C. Gambi, and F. **Micheli**. Community-level and population-level changes in small mobile invertebrates in response to ocean acidification. Congresso della Societa' Italiana di Biologia Marina, 7-11 June 2010. Rapallo, Genova, Italy. Poster.

17. Sherrill, J., and F. **Micheli**. An introduction to wild-caught and farmed fisheries assessment schemes: relevance to aquatic animal medicine. International Conference on Aquatic Animal Medicine. San Diego, CA, May 2010. Abstract.
18. Haupt, A. J., W. T. Moller, F. **Micheli**, and S. R. Palumbi 2010. Assessing connectivity of a commercially important marine invertebrate with molecular markers. American Society of Limnology and Oceanography Ocean Sciences meeting, 22–26 February 2010, Portland, Oregon. Poster.
19. Wood, C. L., F. **Micheli**, M. Fernandez, J. C. Castilla, and J. Carvajal. Fishing out marine parasites? Rates of parasitism among exploited fishes and invertebrates along a fishing gradient on the central Chilean coast. ASLO Ocean Sciences Meeting, 22–26 February 2010, Portland, Oregon. Abstract
20. Kroeker, K. J., M. C. Gambi and F. **Micheli**. Community-level and population-level changes in small mobile invertebrates in response to ocean acidification. AGU Ocean Sciences Annual Meeting, 22–26 February 2010, Portland, Oregon. Abstract
21. DeSalles, P. A., Y. P. Papastamatiou, F. **Micheli**, and D. J. McCauley. Movement patterns and habitat preference of the giant manta ray, *manta birostris*, at a remote pacific atoll. Western Society of Naturalists, Annual Meeting. November 12-15, 2009, Monterey, CA, USA. Abstract.
22. Rossetto, M., G. A. De Leo, and F. **Micheli**. Accounting for plasticity in modeling individual growth of abalone. Western Society of Naturalists, Annual Meeting. November 12-15, 2009, Monterey, CA, USA. Abstract.
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25. **Micheli**, F., S. Walbridge, and B. Halpern. Cumulative human impacts on Mediterranean marine ecosystems and opportunities for maintaining ecosystems and ecosystem services. In prep.
26. Haupt, A. J., F. **Micheli**, S. R. Palumbi. Impacts of historical demography on genetic patterns of connectivity for a commercially fished gastropod. Western Society of Naturalists, Annual Meeting. November 12-15, 2009, Monterey, CA, USA. Abstract
27. Parravicini, V., F. **Micheli**, A. Peirano, F. Roghi, C. Morri, and C. Nike Bianchi. Assessing decadal-scale change in benthic community structure: an example from a NW Mediterranean coralligenous community. Western Society of Naturalists, Annual Meeting. November 12-15, 2009, Monterey, CA, USA. Abstract
28. Kerkez, I., and F. **Micheli**. Impacts of visitation on the structure of mussel beds (*Mytilus californianus*) in Central California: are there benefits of restricted access? Western Society of Naturalists, Annual Meeting. November 12-15, 2009, Monterey, CA, USA. Abstract (Poster).
29. Martone, R. G., F. **Micheli**, R. B. Dunbar, and E. B. Roark. Spatio-temporal variation in growth of *Megastraea undosa*: context-dependent effects of temperature. Western Society of Naturalists, Annual Meeting. November 12-15, 2009, Monterey, CA, USA. Abstract.
30. Kroeker, K. J., M. C. Gambi, and F. **Micheli**. Shifts in community structure of small mobile invertebrates to ocean acidification. Western Society of Naturalists, Annual Meeting. November 12-15, 2009, Monterey, CA, USA. Abstract.

31. Kim, T. W., and F. **Micheli**. The effect of temperature variability on larval recruitment and competition between invasive and native species in Elkhorn Slough, California. Bioinvasions Conference, Oregon, August 2009. Abstract.
32. Martone, R. G., F. **Micheli**, L. I. Gonzalez, S. A. Guzmán-del-Próo, A. J. Haupt, and E. Serviere-Zaragoza. Spatial patterns in subtidal community structure: regional vs. local scale variation. International Temperate Reef Symposium, Australia, January 2009. Abstract.
33. Frascchetti, S., A. Terlizzi, P. D'Ambrosio, G. Belmonte, A. Tursi, F. Mastrototaro, G. Costantino, P. Lembo, M. T. Spedicato, B. Calcinai, S. Puce, C. G. di Camillo, S. Bevilacqua, S. Bussotti, G. Guarnieri, P. Guidetti, F. Pizzolante, E. Vierucci, A. Ciccolella, F. **Micheli**, F. Terlizzi, T. De Pippo, and F. Boero. Diversità di habitat e popolamenti del medio e basso Adriatico: stato delle conoscenze e implicazioni nelle strategie di monitoraggio, gestione e conservazione. Congresso CONISMA, 4-8 November 2008, Lecce, Italy.
34. McCauley, D., D. Brumbagh, H. Lotze, E. Madin, L. Max, F. **Micheli**, D. Tittensor, B. Worm, and H. Young. Simulating overfishing in a near-pristine coral reef. International Coral reef Symposium, July 2008, Miami, Florida. Abstract.
35. Litvin, S., F. **Micheli**, J. Dunne, and P. Mumby. Network structure, biodiversity and robustness of coral reef fish communities to loss of species and habitat complexity. International Coral reef Symposium, July 2008, Miami, Florida. Abstract.
36. **Micheli**, F., B. Halpern, K. Selkoe, and C. Kappel. Global human impacts on marine ecosystems: implications for management and conservation. Annual meeting of the American Society for the Advancement of Science (AAAS), February 13-18, 2008, Boston, MA, USA. Abstract
37. **Micheli**, F. Trophic responses in marine reserves. Annual meeting of the American Society for the Advancement of Science (AAAS), February 13-18, 2008, Boston, MA, USA. Abstract
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40. Litvin, S., F. **Micheli**, and J. Dunne. Network structure, biodiversity and robustness of marine fish communities across the Bahamian archipelago. AFS meeting, 2-6 September 2007, San Francisco, CA, USA.
41. **Micheli**, F., L. Gonzalez, S. Guzmán del Próo, A. Haupt, R. Martone, E. Serviere, and G. Shester. Spatial variation in biological productivity and connectivity: implications for scales of management. AFS meeting, 2-6 September 2007, San Francisco, CA, USA.
42. **Micheli**, F. Cascading trophic interactions in low and high diversity reef ecosystems. Proceedings of the XVII S.It.E. Congress (Annual Meeting of the Ecological Society of Italy). 17-20 September 2007, Ancona, Italy. Abstract.
43. Frascchetti, S., A. Terlizzi, F. **Micheli**, and R. Danovaro. Linking biodiversity and ecosystem functioning under protection regimes. Proceedings of the XVII S.It.E. Congress (Annual Meeting of the Ecological Society of Italy). 17-20 September 2007, Ancona, Italy. Abstract.
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45. Litvin, S., J. Kellner, A. Hastings, H. Edwards, and F. **Micheli**. Multiple factors influencing species interactions in a coral reef ecosystem: implications for the dominant

- grazer, *Sparisoma viride*. Annual Meeting of the Ecological Society of America, San Jose, CA, August 2007. Abstract.
46. Martone, R. G., A. Haupt, and F. **Micheli**. Spatial scales of variability in temperate reef communities across gradients of upwelling intensity. Annual Meeting of the Ecological Society of America, San Jose, CA, August 2007. Abstract.
 47. Martone, R. G., F. **Micheli**, A. O. Shelton, S. M. Bushinsky, A. L. Chiu, A. J. Haupt, K. W. Heiman, C. V. Kappel, M. C. Lynch, and J. Watanabe. Persistence of depleted marine invertebrates in marine reserves of central California. Bay Area Conservation Symposium, San Francisco, 10 February 2007. Abstract.
 48. **Micheli**, F., C. Kappel, R. Martone, and A. Rosenberg. Marine ecosystem-based management: theory and practice. CalCOFI conference, Pacific Grove, CA, 4-6 December 2006. Abstract.
 49. Kappel, C. V., F. **Micheli**, and A. A. Rosenberg. Modeling ecosystem services to support marine ecosystem based management. International Congress "Ecosystem Services in the Neotropics", November 2006, Chile. Abstract.
 50. De Leo, G., and F. **Micheli**. Conciliare obiettivi conservazionistici con lo sviluppo della pesca: la soluzione vincente delle aree marine protette. V Convegno Nazionale CONISMA "Il mare: centralita' di interessi nel XXI secolo", 14-18 November 2006, Viareggio, Italy. Abstract.
 51. Baskett, M., F. **Micheli**, and S. Levin. Designing marine reserves for interacting species: Insights from theory. Annual Meetings of the Ecological Society of America (ESA) August 2006. Abstract.
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 53. **Micheli**, F., K. Heiman, C. Kappel, J. Martin, R. Martone, C. Osio, O. Shelton, and S. Sethi. Natural and human disturbance of rocky shore communities. Reproduction, Ecology, and Evolution in Marine Systems: A Meeting in Honor of Prof. John S. Pearse. June 10-11, 2006, University of California-Santa Cruz. Abstract.
 54. **Micheli**, F. Loss and recovery of diversity and ecosystem functioning in coastal marine ecosystems. Peter Yodzis Colloquium in Fundamental Ecology: "Biodiversity, Structure and Function", University of Guelph, Canada, May 17-18, 2006. Abstract.
 55. **Micheli**, F., P. J. Mumby, C. P. Dahlgren, A. R. Harborne, C. V. Kappel, D. R. Brumbaugh, K. E. Holmes, A. M. Hastings, J. Kellner, S. Y. Litvin, K. Broad, and J. N. Sanchirico. Conservation of Biodiversity and ecosystem function in coral reef seascapes. XX Meeting of the Society for conservation Biology, San Jose, CA, USA. 24-28 June 2006. Abstract.
 56. De Leo, G., F. **Micheli**, and R. Hilborn. Large, old females and the efficacy of marine protected areas. XX Meeting of the Society for conservation Biology, San Jose, CA, USA. 24-28 June 2006. Abstract.
 57. Kappel, C.V., F. **Micheli**, P. J. Mumby, A. R. Harborne, C. Dahlgren, K. E. Holmes, P. Kramer, and D. Brumbaugh. Seascape-level correlates of coral community structure. XX Meeting of the Society for conservation Biology, San Jose, CA, USA. 24-28 June 2006. Abstract.
 58. Halpern, B., K. Selkoe, M. Spalding, S. Walbridge, C. d'Agrosa, F. **Micheli**, C. Keppel, and H. Lenihan. Global threat analysis and impacts on marine ecosystems. XX Meeting of the Society for conservation Biology, San Jose, CA, USA. 24-28 June 2006. Abstract.
 59. **Micheli**, F., P. J. Mumby, C. P. Dahlgren, A. R. Harborne, C. V. Kappel, D. R. Brumbaugh, K. E. Holmes, A. M. Hastings, J. Kellner, S. Y. Litvin, K. Broad, J. N. Sanchirico, and P. Kramer. Conservation of Biodiversity and ecosystem function in coral

- reef seascapes. Meeting of the American Association for the advancement of Science, San Louis, MO, USA. 16-20 February 2006. Abstract for organized symposium (D. Brumbaugh and F. **Micheli**, co-organizers).
60. De Leo, G., F. **Micheli**, and R. Hilborn. Grandi riproduttori, spill-over, e Aree Marine Protette in marinerie regolate da un sistema di limiti alle catture totali (TAC). Proceedings of the XV S.It.E. Congress (Annual Meeting of the Ecological Society of Italy). 12-14 September 2005, Turin, Italy. Abstract.
 61. D'Ambrosio, P., F. **Micheli**, A. Terlizzi, S. Bussotti, and S. Frascchetti. Analisi spaziali e tecniche GIS per la pianificazione di un network di Aree Marine Protette. Proceedings of the XV S.It.E. Congress (Annual Meeting of the Ecological Society of Italy). 12-14 September 2005, Turin, Italy. Abstract.
 62. Mullineaux, L. S., N. Markus, F. **Micheli**, C. H. Peterson, and H. Lenihan. Imprint of past environmental conditions on structure of a deep-sea hydrothermal vent community. Third International Symposium on Hydrothermal Vent and Seep Biology. September 12 - 16, 2005. Scripps Institution of Oceanography, La Jolla, California, USA.
 63. Wagner, E., J. Ruesink, A. Trimble, H. Lenihan, J. E. Byers, F. **Micheli**, K. Heiman, and M. Kaye. Factors Predicting the Establishment of Introduced Oysters. International Marine Bioinvasions Conference (IMBC), August 2005, New Zealand. Abstract.
 64. Heiman, K., N. Vidargas, and F. **Micheli**. Invasive reefs as a structural habitat for introduced species. International Marine Bioinvasions Conference (IMBC), August 2005, New Zealand. Abstract.
 65. Halpern, B. S., K. A. Selkoe, F. **Micheli**, and H. S. Lenihan. Global threat analysis for marine ecosystems. International MPA Congress (IMPAC). October 2005, Australia. Abstract.
 66. **Micheli**, F., and B. S. Halpern. Recovery of trophic diversity and ecosystem functioning in marine protected areas. Joint Annual Meetings of the Ecological Society of America (ESA) and International Society for Ecology (INTECOL), Montreal, Canada, August 2005. Abstract.
 67. De Leo, G. A., F. **Micheli**, and R. Hilborn. The effect of spatial heterogeneity on optimal harvesting in a TAC regulated fishery. Joint Annual Meetings of the Ecological Society of America (ESA) and International Society for Ecology (INTECOL), Montreal, Canada, August 2005. Abstract.
 68. Kappel, C. V., F. **Micheli**, D. Brumbaugh, C. R. Dahlgren, A. R. Harborne, K. E. Holmes, and P. Mumby. Spatial scaling of diversity and rarity in coral and fish communities. Joint Annual Meetings of the Ecological Society of America (ESA) and International Society for Ecology (INTECOL), Montreal, Canada, August 2005. Abstract.
 69. D'Ambrosio, P., S. Frascchetti, A. Terlizzi, and F. **Micheli**. Utilizzo di metodi quantitative per la pianificazione di un network di aree marine protette. Convegno della Societa' Italiana di Biologia Marina. Abstract.
 70. Heiman, K., N. Vidargas, and F. **Micheli**. Invasive reefs as a structural habitat for introduced species. Annual Meeting of the Ecological Society of America, Portland, OR, August 2004. Abstract.
 71. **Micheli**, F., D. R. Brumbaugh, C. P. Dahlgren, A. R. Harborne, K. E. Holmes, C. V. Kappel, and P. J. Mumby. Variation in the structure and functional diversity of coral reef communities across Caribbean seascapes: implications for marine reserve network design. Annual Meeting of the Society for Conservation Biology. 30 July-1 August 2004, New York. Abstract.
 72. **Micheli**, F., C. Costello, L. Gonzalez, S. Guzman del Proo, S. Hernandez Vazquez, S. Lluch Cota, B. McCay, E. Morales Bojorquez, G. Ponce Diaz, M. Ramade Villanueva, and J. Wilson. Human and biophysical processes underlying the performance of small-scale fisheries in Baja California. Annual Meeting of the Society for Conservation

- Biology. 30 July-1 August 2004, New York. Abstract.
73. Brumbaugh, D. R., K. Broad, R. Cowen, C. P. Dahlgren, R. DeSalle, A. R. Harborne, A. Hastings, K. E. Holmes, C. V. Kappel, P. Kramer, U. Malvadkar, S. McLaughlin, J. McManus, F. **Micheli**, P. J. Mumby, D. B. Olson, S. R. Palumbi, J. N. Sanchirico, R. W. Stoffle, and L. Talaue-McManus. A seascape approach to studying and modeling networks of marine protected areas in coral reef ecosystems. Annual Meeting of the Society for Conservation Biology. 30 July-1 August 2004, New York. Abstract.
 74. Brumbaugh, D. R., and 19 others. Scaling-up to seascapes: studying the functions of MPA networks in the Bahamas. 10th International Coral Reef Symposium, Okinawa, Japan, 28 June-2 July 2004. Abstract.
 75. Kappel, C. V., F. **Micheli**, A. R. Harborne, P. J. Mumby, C. P. Dahlgren, K. E. Holmes, and D. Brumbaugh. Habitats as surrogates for biodiversity and the conservation of rare species. 10th International Coral Reef Symposium, Okinawa, Japan, 28 June-2 July 2004. Abstract.
 76. **Micheli**, F., B. S. Halpern, L. W. Botsford, and R. R. Warner. Trajectories of recovery in coral reef fish assemblages. 10th International Coral Reef Symposium, Okinawa, Japan, 28 June-2 July 2004. Abstract.
 77. Harborne, A. R., P. J. Mumby, C. Kappel, C. P. Dahlgren, F. **Micheli**, K. E. Holmes and D. Brumbaugh. Factors influencing alpha and beta-diversity of Caribbean reef seascapes. 10th International Coral Reef Symposium, Okinawa, Japan, 28 June-2 July 2004. Abstract
 78. Jackson, J. B. C., J. M. Pandolfi, N. Baron, R. H. Bradbury, H. M. Guzman, T. P. Hughes, C. V. Kappel, F. **Micheli**, J. C. Ogden, H. P. Possingham, and E. Sala. Are coral reefs on the slippery slope to slime? 10th International Coral Reef Symposium, Okinawa, Japan, 28 June-2 July 2004. Abstract
 79. Heiman, K. W., and F. **Micheli**. The role of human introduced hard substrates in invasive species distributions and within-system spread. Western Society of Naturalists annual conference 2003. Long Beach, CA. November 2003. Abstract.
 80. Heiman, K. W., and F. **Micheli**. The role of human introduced hard substrates in invasive species distributions and within-system spread. Estuarine Research Federation annual conference 2003. Seattle, WA. September 14-18th, 2003. Abstract.
 81. **Micheli**, F., K. W. Heiman, C. V. Kappel, and A. O. Shelton. Persistence and recovery of depleted marine invertebrates in marine reserves of central California. Annual Meeting of the Ecological Society of America, Savannah, GA, 3-8 August 2003. Abstract.
 82. Heiman, K. W., and F. **Micheli**. The impacts of the habitat-forming invasive tubeworm, *Ficopomatus enigmaticus*, in a heavily-invaded central California estuary. Annual Meeting of the Ecological Society of America, Savannah, GA, 3-8 August 2003. Abstract.
 83. Kappel, C., F. **Micheli**, K. Heiman, G. C. Osio, R. Sagarin, S. Sethi, and A. Shelton. Shifts in species dominance on rocky shores under human and natural disturbance regimes. Annual Meeting of the Ecological Society of America, Savannah, GA, 3-8 August 2003. Abstract.
 84. Heiman, K. W., and F. **Micheli**. Distribution and community effects of the invasive reef-building tube worm, *Ficopomatus enigmaticus*. Meeting of the Western Society of Naturalists. Monterey, CA. 8-11 November 2002. Poster presentation.
 85. **Micheli**, F., K. W. Heiman, C. V. Kappel, G. C. Osio, S. A. Sethi, and A. O. Shelton. Community interactions and large-scale variation on rocky shores revealed by marine reserves. Meeting of the Western Society of Naturalists. Monterey, CA. 8-11 November 2002. Abstract.
 86. **Micheli**, F. Conservation and management of multi-species marine assemblages: lessons from marine reserves. The Fourth William R. and Lenore Mote International Symposium in Fisheries Ecology: Confronting Tradeoffs in the Ecosystem Approach to Fisheries

- Management. Sarasota, Florida. 5-7 November 2002. Abstract.
87. Sagarin, R. S., and **Micheli** F. Betting on climate change: the case of the Nenana ice classic. Meeting of the Western Society of Naturalists. Ventura, CA, November 2001. Abstract.
 88. Mills, S. W., L. S. Mullineaux, C. H. Peterson, and F. **Micheli**. Species interactions during succession at hydrothermal vents. International Conference on Extreme Marine Environments. INFREMER, Brest, France, October 2001. Abstract.
 89. Frascchetti, S., A. Terlizzi, F. **Micheli**, L. Benedetti-Cecchi, and F. Boero. A proposal for measuring effectiveness in Marine Protected Areas. CIESM Congress, Monaco, September 2001. Abstract.
 90. **Micheli**, F. Management and conservation of multispecies marine assemblages. CIESM Congress, Monaco, September 2001. Abstract.
 91. **Micheli**, F., L. W. Botsford, K. McCann, P. Amarasekare, J. Bascompte, and L. Gerber. Incorporating species interactions in marine reserve design. Meeting of the Society for Conservation Biology, Hilo, Hawaii, July 2001. Abstract.
 92. Botsford L. W., A. Hastings, D. Lockwood, and F. **Micheli**. Uncertainty in dispersal patterns: a challenge for marine reserves. Second Symposium on Marine Conservation Biology, San Francisco, CA, June 2001. Abstract.
 93. Lenihan, H. S., L. Mullineaux, S. W. Mills, C. R. Fisher, C. H. Peterson, and F. **Micheli**. Species interactions in vent communities: evidence of larval settlement inhibition through suspension-feeding. Larval Biology, Dispersal and Gene Flow at Hydrothermal Vents: Results Symposium, May 20-22, 2001, Ogden, Utah. Abstract.
 94. **Micheli**, F., C. H. Peterson, L. S. Mullineaux, C. R. Fisher, S. W. Mills, G. Sancho, G. A. Johnson, and H. S. Lenihan. The role of predation in structuring communities at deep-sea hydrothermal vents. Larval Biology, Dispersal and Gene Flow at Hydrothermal Vents: Results Symposium, May 20-22, 2001, Ogden, Utah. Abstract.
 95. **Micheli**, F. Community structure along environmental gradients at hydrothermal vents. Larval biology and dispersal at hydrothermal vents. Larval Biology, Dispersal and Gene Flow at Hydrothermal Vents: Results Symposium, May 20-22, 2001, Ogden, Utah. Abstract.
 96. Benedetti-Cecchi, L., I. Bertocci, F. **Micheli**, T. Fosella, E. Maggi, and S. Vaselli. Effects of marine protected areas on assemblages of rocky shores in the northwest Mediterranean: a multiscale analysis of spatial and temporal patterns. European Marine Biology Symposium. Mallorca, Spain, September 2001. Abstract.
 97. Mullineaux, L. S., C. H. Peterson, S. W. Mills, and F. **Micheli**. 2001. Species interactions during succession at hydrothermal vents. Proceedings of The American Society of Limnology and Oceanography Ocean Sciences Meeting. February 2001, Santa Fe, NM, USA. Abstract.
 98. **Micheli**, F., L. Benedetti-Cecchi, S. Gambaccini, and F. Cinelli. 2000. Spatial variability of fish, invertebrates and algae: implications for the conservation of multispecies assemblages. Proceedings del 2o Convegno Nazionale delle Scienze del Mare "Fluttuazioni, Anomalie e Recupero", November 2000, Genova, Italia. Abstract.
 99. Frascchetti, S., L. Benedetti-Cecchi, F. **Micheli**, A. Terlizzi, and F. Boero. 2000. Marine Protected Areas: objectives, effectiveness and monitoring. Proceedings del 2o Convegno Nazionale delle Scienze del Mare "Fluttuazioni, Anomalie e Recupero", November 2000, Genova, Italia. Abstract.
 100. Benedetti-Cecchi L., F. **Micheli**, and I. Bertocci. 2000. Variabilità spaziale nelle modalità di distribuzione di alghe ed invertebrati di costa rocciosa ed implicazioni per i criteri di selezione di aree protette. Proceedings del 2o Convegno Nazionale delle Scienze del Mare 'Fluttuazioni, Anomalie e Recupero', November 2000, Genova, Italia. Poster presentation.

101. Boero, F., S. Fraschetti, A. Terlizzi, P. Guidetti, G. Fanelli, F. **Micheli**, G. Belmonte, S. Bussotti, and F. De Nitto. 2000. Variabilita' spazio-temporale delle comunita' bentoniche di fondo duro e della fauna ittica lungo le coste del Salento. Workshop on the preliminary results of the research program "Interreg Italy-Greece", 2o Convegno Nazionale delle Scienze del Mare "Fluttuazioni, Anomalie e Recupero", November 2000, Genova, Italia. Abstract.
102. Vannini, M., S. Cannicci, F. Dadouh-Guebas, S. Fratini, F. Gherardi, and F. **Micheli**. 2000. Homing ed orientamento nei decapodi delle mangrovie in 13 anni di ricerche in Kenya. Proceedings of the Annual Meeting of the Italian Society of Ethology (SIE). Pisa, Italy, October 2000. Abstract.
103. **Micheli**, F. 1999. Marine reserves: US experience in a Mediterranean context. CIESM (Commission Internationale pour l'Exploration Scientifique de la mer Mediterranee) Workshop Series No. 8 "Scientific design and monitoring of Mediterranean marine protected areas", 21-24 October 1999, Porto Cesareo, Italy. Abstract.
104. **Micheli**, F., L. Mullineaux, S. Mills, C. Peterson, G. Sancho, C. Fisher, and G. Johnson. 1998. Species interactions at hydrothermal vents: how predation structures communities in an extreme environment. Proceedings of the RIDGE Symposium (studies on the deep-sea hydrothermal vents of the East Pacific Rise), Santa Barbara, USA. Abstract.
105. **Micheli**, F. 1998. Joint effects of nutrient loading and food-web structure in estuarine and coastal marine communities: a meta-analysis of mesocosm experiments. Proceedings of the Annual Meeting of the Ecological Society of America, Baltimore MD, USA. Abstract.
106. **Micheli**, F. 1998. Effects of nutrient loading and food-web interactions on the structure and dynamics of marine communities. Proceedings of the joint Meeting of the American Society of Limnology and Oceanography and the Ecological Society of America, St. Louis, MI, USA. Abstract.
107. **Micheli**, F. 1997. Integration of the intertidal oyster reef habitat into landscape-scale management of estuaries. Proceedings of the Annual Meeting of the American Society for Limnology and Oceanography, Santa Fe', NM, USA. Abstract.
108. **Micheli**, F. and 15 others. 1997. Descriptors and correlates of community stability: long-term trends in zooplankton communities of manipulated and unmanipulated lakes. Proceedings of the Annual Meeting of the Ecological Society of America, Albuquerque, NM, USA. Abstract.
109. **Micheli**, F., C. H. Peterson, and J. Rivera. 1996. Relative habitat value of two seagrass species: implications of species substitutions through global warming. Proceedings of the Annual Meeting of the Marine Benthic Ecology Society, Columbia, USA. Abstract.
110. **Micheli**, F. 1996. Prey-patch and habitat use by blue crabs: effects of predator foraging behavior and higher-order interactions on patterns of prey mortality in marine soft bottoms. Proceedings of the Annual Meeting of the Ecological Society of America, Snowbird, UT, USA. Abstract.
111. **Micheli**, F. 1996. Review di "The Dynamic Nature of Ecosystems. Chaos and Order Entwined" di C. Pahl-Wostl (John Wiley & Sons, Chichester, UK, 1993). Bulletin of the Association of Southern Biologists 43: 27-28.
112. Mullineaux, L. S., C. H. Peterson, C. R. Fisher, F. **Micheli**, S. Mills, S. Kim, and E. Agenbroad. 1995. Roles of larval settlement, species interactions and physiological adaptation during colonization of hydrothermal vents. Proceedings of the Ocean Sciences Meeting, San Diego, CA, USA. Abstract.
113. **Micheli**, F. 1995. Effects of tidal elevation and habitat structural complexity on recruitment, growth, and mortality of bivalves in soft-sediment estuarine habitats. Proceedings of the Annual Meeting of the Marine Benthic Ecology Society, New Brunswick, NJ, USA. Abstract.

114. **Micheli**, F. 1994. Effects of risk of predation and intraspecific competition on predation patterns of the blue crab, *Callinectes sapidus*. Proceedings of the Annual Meeting of the Ecological Society of America, Knoxville, TN, USA. Abstract.
115. **Micheli**, F. 1994. Behavioral flexibility in prey selection by the blue crab, *Callinectes sapidus*. Proceedings of the Annual Meeting of the Marine Benthic Ecology Society, Mystic, CT, USA. Abstract.
116. **Micheli**, F. 1994. Use of an individual-based approach for managing estuarine shellfish resources. Proceedings of the Conference “Marine and Estuarine Shallow Water Science and Management in the Mid-Atlantic Region”, Atlantic City, NJ, USA. Poster presentation.
117. **Micheli**, F. 1993. Prey-patch choice of the blue crab, *Callinectes sapidus*. Proceedings of the Annual Meeting of the Marine Benthic Ecology Society, Mobile, USA. Abstract.
118. **Micheli**, F. 1992. Predation gradients in estuarine sedimentary shores. Proceedings of the Annual Meeting of the Marine Benthic Ecology Society, Newport, USA. Abstract.

Teaching:

Courses

- Teacher of *Marine Ecology* (172H, 5 units). Hopkins Marine Station, Stanford University. Spring 2001 and 2002. Winter 2004-2012. The course is designed to provide background on key concepts in ecology, and familiarize students with local marine ecosystems and the methods used in ecological studies of these ecosystems through weekly field labs.
- Teacher of *Synthesis in Ecology* (275H, 2 units), Hopkins Marine Station, winter 2009, 2010, and 2012. This graduate level course focuses on frameworks for and approaches to synthesizing and providing insight into large data sets, including meta-analysis and permutational multivariate analysis of variance. The course includes lectures and hands-on computer laboratory sessions.
- Co-teacher (all Hopkins Marine Station's faculty) of *Frontiers in Marine Biology* (BIOSCI 3, 1 unit), Stanford University, Department of Biological Sciences, fall 2002-2007, 2009-2011.
- Co-taught *Introduction to meta-analysis in ecology*, with Joachim Claudet and Craig Osenberg. Organized by Simonetta Frascchetti, University of Salento, Italy, 14-16 December 2010.
- Teacher of *Historical Ecology of the Mediterranean Sea* (OSPFL065, 2 units). Stanford Overseas Program in Florence, Italy. Spring 2010. This course provides students with a perspective on the history of human interactions with and impact on marine ecosystems, in order to have an in-depth understanding of the historical background of the relationship between people and nature. Students learn the insights emerging from historical ecological studies of marine species and ecosystems, with a particular focus on the Mediterranean region.
- Teacher of *The Future of Mediterranean marine ecosystems: human impacts and conservation strategies* (OSPFL064, 3 units), Stanford Overseas Program in Florence, Italy. Spring 2010. This course focuses on current and emerging environmental issues affecting marine ecosystems, with a particular focus on the Mediterranean Sea and coastal regions. Students learn about threats to Mediterranean marine ecosystems and to the services (or benefits) these provide to people, and about the rationale and efficacy of a suite of marine conservation and management strategies.
- Co-teacher (with M. Denny and G. Somero) of *Frontiers in Marine Biology* (3 units), Stanford University, fall 2008.
- Co-teacher in *Stanford@Sea*, a 10-week intensive course in oceanography, maritime studies,

marine conservation and nautical sciences, including 5 weeks at sea aboard of the research vessel Robert C. Seamens (182H, 16 units). Co-taught with B. Block (Biological Sciences), W. Gilly (Biological Sciences), and R. Dunbar (Earth Sciences). Spring 2003 and 2005.

- Co-teacher (with W. Gilly, C. Baxter, and S. Shillinglaw) of Holistic Biology: Monterey Bay and Sea of Cortez (184H, 16 units). Hopkins Marine Station, Stanford University. A 10-week intensive course in marine biology, marine conservation, history and literature, including a 4-week field component in Baja California, Mexico. Spring 2006.
- Co-teacher (with B. Block) of Marine Conservation Biology (182H, 3 units). Hopkins Marine Station, Stanford University. Spring 2006.
- Co-teacher (all Hopkins Marine Station's faculty) of Frontiers in Organismal Biology (BIOSCI 8, 1 unit), Stanford University, Department of Biological Sciences, fall 2003-2006.
- Co-teacher in Current Topics in Integrative and Organismal Biology (Bio306, graduate seminar, 1 unit), Stanford University, Fall 2002 and 2003, Winter 2005 and 2006, Fall 2006.
- Co-teacher (with J. Watanabe) of Ecology and Conservation Biology of rocky shores (6 units), Hopkins Marine Station, Stanford University, Summer 2002.
- Co-teacher (with G. Somero, M. Denny, J. Watanabe, and D. Epel) of Problems in Marine Ecology and Ecophysiology (6 units), Hopkins Marine Station, Stanford University. Spring 2002.
- Co-teacher of Invertebrate Zoology course, Department of Animal Biology and Genetics, University of Florence, Italy. Spring 2000.
- Teacher of Applied Ecology course, Department of Environmental Sciences, University of Pisa, Italy. Academic year 1999-2000.
- Co-teacher of Underwater Research course, International School for Scientific Diving, Elba Island, Italy. Summer 1999.
- Teaching Assistant for Invertebrate Zoology course, Department of Animal Biology and Genetics, University of Florence, Italy. 1987.

Guest Lectures

- Led field trip for Earth Systems 10, Hopkins Marine Station, January 2008 and November 2011.
- Lectured in *Ocean Policy* Course (graduate course organized by the Center for Ocean Solutions). Monterey, CA, 13 August 2011.
- Co-led discussion with E. Hadley in *Ethical Issues in Ecology and Evolutionary Biology* (BIOSCI 312). October 2011.
- Guest lecture for Stanford@Sea. Hopkins Marine Station, 26 April 2011.
- Lectures (2) for Marine Conservation course, University of Florence, Animal Biology, Florence, Italy, May 2010.
- Lectures (5) for Marine Biology course, University of Parma, Environmental Sciences, Parma, Italy, May 2009.
- Lecture for Marine Conservation course, University of Milan, Italy, May 2009.
- Co-led discussion with J. Roughgarden in *Ethical Issues in Ecology and Evolutionary Biology* (BIOSCI 312). October 2008.
- Lectured in Bio 302 (graduate seminar), SU, Biology, November 2008 and January 2010.
- Lectures (5) for Marine Biology course, University of Parma, Environmental Sciences, Parma, Italy, April 2008.
- Lectured for Earth Systems 10, Hopkins Marine Station, January 2008.
- Lectured for graduate course held at the Naples Zoological Station, Naples, Italy. December 2007.
- Lectured for graduate course held at the Politecnico di Milano. November 2007, Milan, Italy
- Lectured for Stanford@Sea, Hopkins Marine Station, April 2007.

- Lectured for graduate course held at the University of Lecce. December 2007, Lecce, Italy.
- Lectured for sophomore college (instructor: S. Thompson), Stanford University. September 2005, 2006, 2008.
- Lectured at the Monterey Institute for International Studies, Monterey, CA, October 2004.
- Lectured in Oceanic Biology (instructors: M. Denny and G. Somero). Hopkins Marine Station, February 2004, 2005, and 2009.
- Lectured in Advanced Oceanography (instructor: R. Dunbar, Stanford University), Hopkins Marine Station, Fall 2003.
- Led field trips for Introductory Ecology course (BIO 101, instructors: B. Bohannon, D. Ackerly, P. Vitousek, R. Dirzo), Stanford University, November 2003, 2004, 2005, 2007, 2010, and October 2006 and 2008.
- Lectured in BIO 2 “Current topics in biology”, Stanford University, Department of Biological Sciences, Fall 2003.
- Lectured in “Pathways from Research to Conservation” (185H, Instructor: J. Nelson, outreach coordinator for PISCO, HMS). Hopkins Marine Station, Winter 2003.
- Lectured in Ocean Policy and Conservation (instructor: J. Eagle, Fisheries Policy Program, Stanford University), Hopkins Marine Station, Fall 2002 and 2003.
- Lectured in Marine Conservation course, Antioch University, Santa Barbara, CA, USA, 1998.
- Lectured in Environmental Science course, School of Environmental Sciences and Management, University of California-Santa Barbara, CA, USA, 1997.
- Lectured in Environmental Science course, Appalachian State University, NC, USA, 1995.
- Lectured in Marine Ecology course, University of North Carolina at Chapel Hill, Ecology Department and Curriculum in Marine Sciences, NC, USA, 1995.
- Lectured in Biological Oceanography course, University of North Carolina at Chapel Hill, Institute of Marine Sciences, NC, USA, 1992.

Student Advising:

Postdoctoral advising

Raphael D. Sagarin, Biological Sciences, Stanford University, postdoctoral researcher, February 2001 – February 2002. Impacts of climate change on nearshore ecosystems. Currently Associate Director for Coastal and Ocean Policy, Nicholas Institute for Environmental Solutions, Duke University, NC, USA.

Stephen Y. Litvin, Biological Sciences, Stanford University, postdoctoral researcher, September 2005 – 2009. Food-web dynamics in coral reef ecosystems. 2009-present: kelp-forest ecology and monitoring.

Clement Dumont, Biological Sciences, Stanford University, postdoctoral researcher, July 2007 – June 2008. Efficacy of marine reserves and assessments of larval spill-over. Currently Assistant Professor at the University of Hong Kong.

Tae Won Kim, postdoctoral researcher on fellowship from the Korean Research Council, Nov. 2008-2011. Behavioral ecology of marine invertebrates. 2011-2013: MBARI postdoctoral fellow (co-advised with J. Barry, MBARI). Effects of acidification on different invertebrate life stages.

Rebecca L. G. Martone, postdoctoral researcher, April 2009-March 2010. Food-web analyses and modeling applied to multi-species fisheries management in small-scale fisheries of Baja California, Mexico.

Sarah Lee, Hopkins Marine Life Observatory postdoctoral researcher, October 2009-September 2011. Kelp forest ecology.

Francesco Ferretti, postdoctoral researcher, September 2011-August 2014. Global assessment of shark population status, and of the ecosystem-level effects of the decline of large sharks in

coastal and pelagic ecosystems. Supported by the Lenfest Foundation.

Graduate advising: Primary advisor

- Carrie V. Kappel, Biological Sciences, PhD student, September 2000 – December 2005.
Graduated December 2005. Currently postdoctoral researcher at the National Center for Ecological Analysis and Synthesis, Santa Barbara, CA.
- Kimberly W. Heiman, Biological Sciences, PhD student, September 2000 – April 2006.
Graduated June 2006. Currently lecturer at Muhlenberg College, Allentown, PA.
- Nathan Kraft, Biological Sciences, PhD student, September 2003 – September 2004 (transferred to D. Ackerly's lab at UC Berkeley).
- Geoff Shester, IPER PhD student, September 2003 – 2008. Graduated September 2008. Currently California Program Director for Oceana.
- Rebecca L. Goldman Martone, Biological Sciences, PhD student, September 2003 – March 2009.
Graduated March 2009. Currently postdoctoral researcher at the University of British Columbia.
- Alison Haupt, Biological Sciences, PhD student, September 2005 – 2011. Graduated March 2011.
Currently: policy fellow for the West Coast Governor Agreement Initiative. Based in Sacramento, CA.
- Douglas McCauley, Biological Sciences, PhD student, September 2005 - 2011. Graduated April 2011. Currently, postdoc at Stanford, supported by Woods Institute for the Environment.
- Kristen Honey, IPER PhD student, September 2006-present.
- Kristy Kroeker, Biological Sciences, PhD student, June 2007 - present.
- Chelsea Wood, Biological Sciences, PhD student, June 2008 - present.
- Daniel Madigan, Biological Sciences, PhD student, October 2008 - present.

Graduate advising: Co-advisor

- Paul Leary, Biological Sciences (primary advisor Mark Denny), PhD student, September 2011-
- Daniel Alfredo Rebollo (primary advisor Alonso Aguilar Ibarra, UNAM). PhD candidate, UNAM, Mexico City, Mexico. September 2010-present.
- Marisa Rossetto (primary advisor G. De Leo, University of Parma, Italy), PhD candidate, University of Parma, Italy. September 2009-present.
- Valeriano Parravicini (primary advisor C. Nike Bianchi, University of Genova, Italy), PhD candidate, University of Genova, Italy. September 2009-2011. Graduated April 2011.
- Dane Klinger (primary advisor R. Naylor), PhD candidate, IPER, October 2008-present.
- Aaron Carslile, PhD candidate, Biology, October 2008-present.
- Ishbel Kerkez, PhD candidate at the University of Brisbane, Australia. Based at the Hopkins Marine Station. Co-advised with H. Possingham. June 2008-present.
- Camila Donatti (primary advisor: R. Dirzo), Biological Sciences, PhD student, 2008-2011.
Graduated fall 2011.
- Hillary Young (primary advisor: R. Dirzo), Biological Sciences, PhD student, 2006-2010.
Graduated spring 2010.
- Giacomo Chato Osio (primary advisor: Andrew Rosenberg), UNH, PhD student, September 2007-present.
- Malin Pinsky (primary advisor: S. Palumbi), Biological Sciences, PhD student, September 2006-2011. Graduated June 2011.
- Erin Kurten (primary advisor: R. Dirzo), Biological Sciences, PhD student, April 2006-2011.
Graduate spring 2011.
- Jennifer O'Leary (primary advisor: P. Raimondi), University of California, Santa Cruz, PhD, January 2006 – May 2009. Graduated 2009.
- Christian Reilly (primary advisor: S. Thompson), Biological Sciences, PhD student, graduated November 2005 (thesis reader and committee member for thesis defense).

Christopher Perle (primary advisor: B. Block), Biological Sciences, PhD student, September 2005-2011. Graduated winter 2011.

Christine Jessup (primary advisor: B. Bohannon), Biological Sciences, PhD student, January 2004-December 2006. Graduated December 2006.

Heather Galindo (primary advisor: S. Palumbi), Biological Sciences, PhD student, September 2002 – 2008. Graduated in 2008.

George Shillinger (primary advisor: B. Block), Biological Sciences, PhD student, September 2002 - 2009. Graduated 2009.

Patrick Martone (primary advisor: M. Denny), Biological Sciences, PhD student, September 2001 – May 2007. Graduated June 2007.

Luke Miller (primary advisor: M. Denny), Biological Sciences, PhD student, September 2001 – 2008. Graduated in 2008.

Kevin Weng (primary advisor: B. Block), Biological Sciences, PhD student, September 2000 – March 2007. Graduated June 2007.

Luke Hunt (primary advisor: M. Denny), Biological Sciences, PhD student, September 2000 – June 2006. Graduated June 2006.

Steven Theo (primary advisor: B. Block), Biological Sciences, PhD student, September 1999 – June 2006. Graduated June 2006.

Dawn Osborn (primary advisor: J. Pearse), University of California, Santa Cruz, PhD, September 1999 – June 2005. Graduated June 2005.

Anastasia Novakovic (primary advisor: W. Gilly), Biological Sciences, PhD student, 1999 – 2004 (left program).

Michael O'Donnell (primary advisor: M. Denny), Biological Sciences, PhD student, September 1998 – September 2005. Graduated September 2005.

Denise Piechnick (primary advisor: N. D. Martinez), San Francisco State University, Master's student, Summer Academic Research Internship at the University of California, Santa Barbara, 1998.

Co-term Masters' (primary advisor):

Paul DeSalles, Stanford University (Biology), 2010-2011.

Michael Hutson, Stanford University (Biology), 2009-2010.

Tessa Nuri Pierce, Stanford University (Biology), 2008-2010.

Kevin McLean, Stanford University (Earth Sciences), 2007-2008.

Laure Katz, Stanford University (Earth Sciences), June 2005-2006. Recipient of Hoefer Prize for Excellence in Undergraduate Writing.

Alice Chiu, Stanford University (Earth Sciences), fall 2003-summer 2004.

Michelle Rome, Stanford University (Biology), September 2003 – December 2004.

Nicolas Vidargas, Stanford university (Earth Sciences), summer 2003-2004. Recipient of McGee grant in Earth Sciences.

Undergraduate advising: Honors theses (primary advisor)

Sarah Lummis, Stanford University (Biology), supported through Stanford VPUE Grant for Undergraduate Research, Summer 2011-2012.

Amy Kirkham, Stanford University (Biology), supported through Stanford VPUE Grant for Undergraduate Research, Summer 2010-Spring 2012.

Sabina Perkins, Stanford University (Biology), supported through Stanford VPUE Grant for Undergraduate Research, Summer 2010-Spring 2012.

Brendan Cortez, Stanford University (Biology), supported through Stanford VPUE Faculty Grant for Undergraduate Research, Winter 2007-Spring 2008. Graduated May 2008.

Laurie Kost, Stanford University (Biology), June 2006-Spring 2007. Graduated May 2007.
Margaret 'Peggy' Lynch, Stanford University (Biology), June 2005-2006. Graduated June 2006.
Currently PhD candidate at the University of California, Santa Barbara.
Jacqui Christine Martin, Goldman's Honors Program thesis advisor, fall 2004-summer 2005.
Received Rhonda Goldman Award for Outstanding Undergraduate Research for her Honors Thesis.
Hannah Griego, Goldman's Honors Program thesis advisor, fall 2003-summer 2004. Received Rhonda Goldman Award for Outstanding Undergraduate Research for her Honors Thesis.

Undergraduate advising: Honors theses (co-advisor)

Ian Markham, Stanford University (Biology). Co-advisor (primary advisor: S. Palumbi).
Christine O'Neil, Stanford University (Biology), reader for Honors thesis. 2009-2010.
Miki Ream, Stanford University (Biology), reader for Honors thesis. 2008-2009.

Undergraduate advising: majors

Anne Adelson. Marine Biology Major. Spring 2012-

Undergraduate advising: research projects (primary advisor)

Amanda Zebe, Stanford University (Biology), Supported through Stanford VPUE Grant for Undergraduate Research, Summer 2012. Marine Parasites, Palmyra.
Ana Guerra, Stanford University (Biology), Supported through Stanford VPUE Grant for Undergraduate Research, Summer 2011. Marine Parasites, Palmyra.
Erin Dillon, Stanford University (Biology), Supported through Stanford VPUE Grant for Undergraduate Research, Summer 2011. Marine Parasites, Palmyra.
Andrew Hines, Stanford University (Biology), Supported through Stanford VPUE Grant for Undergraduate Research, Summer 2011. Large pelagics foraging ecology.
Sarah Crawford, Stanford University (Human Biology), Supported through Stanford VPUE Grant for Undergraduate Research, Summer 2011. Large pelagics foraging ecology.
Ian Markham, Stanford University (Biology), research intern. Supported through HMS fellowship. Summer 2011. Kelp forest ecology.
Sarah Lummis, Stanford University (Biology), research intern. Supported through Stanford VPUE Grant for Undergraduate Research, Summer 2011. Surfgrass, trophic ecology of associated assemblages.
Grace Goldberg, Stanford University (Earth Sciences), research intern. Fall 2010-winter 2011. Summer 2011. Climatic impacts on coastal fisheries of Baja California.
Sabina Perkins, Stanford University (Biology), supported through Stanford VPUE Grant for Undergraduate Research, Summer 2010, and a grant through the Woods Undergraduate Interdisciplinary Research (UIR) Program, Summer 2011. Population and community effects of ocean acidification (Ischia CO2 vents).
Joseph Adelson, Stanford University (Earth Sciences), supported through Stanford VPUE Faculty Grant for Undergraduate Research, Summer 2010. Large pelagics foraging ecology.
Ana Miller-ter Kulle, Stanford University (Earth Sciences), supported through Stanford VPUE Grant for Undergraduate Research, Summer 2010.
Amy Kikham, Stanford University (Biology), supported through Stanford VPUE Grant for Undergraduate Research, Summer 2010 and 2011.
Michael Kim, Stanford University (Biology), supported through Stanford VPUE Grant for Undergraduate Research, Summer 2010.
Chris Burniske, Stanford University (Earth Sciences), supported through Stanford VPUE Grant

- for Undergraduate Research, Summer 2009.
- Nick Wenner, Stanford University (Earth Sciences), supported through Stanford VPUE Grant for Undergraduate Research, Summer 2009.
- Paul DeSalles, Stanford University (Biology), supported through Stanford VPUE Grant for Undergraduate Research, Summer 2009, 2010 and 2011.
- Kersten Schnerle, Stanford University (Biology), supported through Stanford VPUE Grant for Undergraduate Research, Summer 2009.
- Annie Scofield, Stanford University (Biology), supported through Stanford VPUE Grant for Undergraduate Research, Summer 2008.
- Tessa Pierce, Stanford University (Biology), supported through Stanford VPUE Grant for Undergraduate Research, Summer 2008.
- Brendan Cortez, Hopkins Marine Station, supported through Stanford VPUE Faculty Grant for Undergraduate Research, Winter and Summer 2007.
- Michael Hutson, Hopkins Marine Station, supported through Stanford VPUE Grants for Undergraduate Research, Summer 2007 and 2009.
- Christine O'Connell, Hopkins Marine Station, supported through Stanford VPUE Grant for Undergraduate Research, Summer 2007.
- Laurie Kost, Stanford University (Biology), June 2006-Spring 2007.
- Thomas Burrow, Stanford University (Earth Sciences), independent research project (directed reading), Spring 2006.
- Margaret 'Peggy' Lynch, Hopkins Marine Station, independent undergraduate research (co-advised with J. Watanabe), Spring 2005, and Stanford Undergraduate Research Award project, Summer 2005.
- Laure Katz, Stanford University (Earth Sciences), research project conducted within the course [Stanford@SEA](#). Coral reef ecology. April 2005-June 2006. Second author on paper in press in *Coral Reefs* based on research conducted during [Stanford@SEA](#).
- Noah Hawthorne, Stanford University (Human Biology), research project conducted within the course [Stanford@SEA](#). Coral reef ecology. April-June 2005.
- Jesus Javier Tellez, Stanford University (International Relations), research project conducted within the course [Stanford@SEA](#). Coral reef ecology. April-June 2005.
- Logan Egan, Stanford University (Earth Sciences), research project conducted within the course [Stanford@SEA](#). Coral reef ecology. April-June 2005.
- Shannon Donahue, Stanford University (Earth Sciences), research project conducted within the course [Stanford@SEA](#). Coral reef ecology. April-June 2005.
- David Gudai, Stanford University (Engineering), research project conducted within the course [Stanford@SEA](#). Coral Biomechanics (co-advised with R. Dunbar). April-June 2005.
- Seth Bushinsky, Hopkins Marine Station, independent undergraduate research (co-advised with J. Watanabe), Summer 2004.
- Jacqui Christine Martin, Hopkins Marine Station, supported through Stanford VPUE Faculty Grant for Undergraduate Research to F. Micheli, Summer 2004.
- Hannah Griego, Hopkins Marine Station, Stanford Undergraduate Research Award project, Summer 2003.
- Alice Chiu, Hopkins Marine Station, Stanford Undergraduate Research Award project, Summer 2003.
- Charlotte Stevenson, Stanford University (Biological Sciences), research project conducted within the course [Stanford@SEA](#). Coral reef ecology (co-advised with B. Block). April 2003-Spring 2005. First author on paper in press in *Coral Reefs* based on research conducted during [Stanford@SEA](#). Currently Sea-Grant fellow in the House Resources Committee, Subcommittee on Fisheries and Oceans.
- Jillian Bible, Stanford University (Earth Sciences), research project conducted within the course [Stanford@SEA](#). Coral reef ecology (co-advised with I. Witting, Sea Education Association).

April-June 2003.

Whitney Hopkins, Stanford University (Earth Sciences), research project conducted within the course [Stanford@SEA](#). Coral reef ecology (co-advised with R. Dunbar). April-June 2003.

Visra Vichit (Earth Sciences), research project conducted within the course [Stanford@SEA](#).

Coral reef ecology (co-advised with I. Witting, Sea Education Association). April-June 2003.

Lynda Browning (Earth Sciences), research project conducted within the course [Stanford@SEA](#).

Coral reef ecology (co-advised with I. Witting, Sea Education Association). April-June 2003.

Nicolas Vidargas, Hopkins Marine Station, spring class research project (co-advised with J. Watanabe), Spring 2003, and summer internship, Summer 2003.

Sarah Herzig, Hopkins Marine Station, spring class research project, Spring 2002.

Katy Balatero, Hopkins Marine Station, Stanford Undergraduate Research Award project, Summer 2002.

Sarah Clowes, Hopkins Marine Station, Honors' Thesis project (Principal Advisor: J. Watanabe), June 2001 – May 2002.

Costanza Borsini, University of Florence, Italy, Department of Animal Biology and Genetics, undergraduate honors thesis project (Principal Advisor: M. Vannini). 2000-2003.

Research interns

Morgan Rogge, research intern (volunteer), October-November 2011. Currently accepted in the graduate program of MIIS, Monterey, CA.

Pasquale Baiata, recent graduate of the University of Palermo, Italy. June-September 2011.

Supported through fellowship from the Italian Ministry of research and education.

Amanda Zebe, high school student. Research intern summers 2010 and 2011. Conducted fish dissections and enumerated marine parasites (with PhD student Chelsea Wood).

Tara Smithee, Earth Systems, Stanford University, summer intern (independent studies).

Experimental manipulations investigating effects of temperature on invasive species in local estuary (with Dr. Taewon Kim). June-August 2010.

Gianluigi Rossi, undergraduate student at the University of Parma, Italy. Research assistant in data mining for meta-analysis of time series data from marine pelagic ecosystems, October 2009-May 2011.

Claudia Becchi, PhD candidate at the University of Florence, Italy. Research assistant in study of human impacts on Mediterranean rocky reef assemblages. September-December 2009 and 2011.

Marisa Batista, PhD candidate at the University of Lisboa, Portugal, research intern, October-November 2008.

Ishbel Kerkez, PhD candidate at the University of Brisbane, Australia, research intern. June-August 2007.

Adam Cole, Hopkins Marine Station, research intern. June-July 2007.

Marta Pisini, undergraduate student in Biology at the University of Pisa, Italy. Research intern at Hopkins Marine Station, August 2006.

Anya Watson, Hopkins Marine Station, research intern (recipient of Our World-Underwater Scholarship). January-February 2006.

Caitlin Mulholland-Olson, Columbia University graduate. Research internship co-advised with Dan Brumbaugh (American Museum of Natural History, New York). Summer 2005 and 2006

Andrew Haydeman, Hopkins Marine Station, research intern (Monterey High School, expected graduation May 2004), Summer 2003. Currently: undergraduate at UC Davis.

Mentor for Katherine Bamford, Westmont High School, San Jose, CA. Winter-Spring 2003. Independent Project.

Giacomo Chato Osio, Hopkins Marine Station, research intern (BS, July 2001), October 2001 – April 2002. Currently: PhD student at the University of New Hampshire.

Gregory Haydeman, Hopkins Marine Station, research intern (Monterey High School, graduated

May 2002), June 2001 – February 2002. Currently: undergraduate at UC Davis.

Lab technicians and research assistants

Cheryl Butner, Hopkins Marine Station, full-time research assistant, 2011-present.

Johanna Sherrill, Hopkins Marine Station, part-time research assistant, 2009-2011.

Daniela Maldini, Hopkins Marine Station, part-time research assistant, 2009-2010.

Alicia Bitondo, Hopkins Marine Station, part-time research technician, 2009-2010.

Paul Leary, Hopkins Marine Station, research technician, 2009-2011 (currently 1st year graduate student in Biology, Stanford University).

Ashley Greenley, Hopkins Marine Station, research technician, 2008-present.

Rodrigo Beas Luna, Hopkins Marine Station, research technician, 2006-2007. Currently: PhD student, Biological Sciences, University of California Santa Cruz.

Alison Haupt, Hopkins Marine Station, research technician, 2005. Subsequently: PhD student, Biological Sciences, Stanford University. Graduated June 2011.

Jared Kibele, Hopkins Marine Station, research technician, 2004-2005. Graduated from UC Santa Cruz June 2006.

Andrew 'Ole' Shelton, Hopkins Marine Station, research technician, 2002-2003. Subsequently: PhD student at the University of Chicago. Currently postdoc at UCSC.

Suresh A. Sethi, Hopkins Marine Station, research technician (BS May 2001), June 2001 – March 2002. Subsequently: PhD student at the University of Washington, Seattle. Currently researcher at NMFS, Juneau, Alaska.

Invited Presentations:

1. Invited presentation on small-scale fisheries management in Mexico at workshop with North Adriatic fishermen. Chioggia, Italy, 30-31 March 2012.
2. Invited presentation at workshop on conservation planning in the Mediterranean region. Santorini, Greece, 2-5 April 2012.
3. Invited seminar at the University of Padova, Italy. 20 December 2011.
4. Invited presentation at the Fulbright Asilomar Conference "Dead in the Water: The Expansion of Ocean Hypoxia", Pacific Grove, CA, USA. 19 November 2011.
5. Invited presentation at Southern California Coastal Water Research Project "The kelp forest observatory of Hopkins Marine Station: Monitoring biophysical interactions in a near-shore kelp ecosystem". Orange County, CA, October 7, 2011.
6. Presidential address at the 2011 Western Society of Naturalists meeting. 12 November 2011. Vancouver, WA, USA.
7. Keynote speaker at the annual meeting of the Italian Association for Limnology and Oceanography (AIOL). Lecce, Italy, 4-8 July 2011.
8. Invited seminar at the Duke University Marine Laboratories "Dynamics and sustainability of small-scale fisheries of Baja California, Mexico", 2 December 2010.
9. Seminar at the Hopkins Marine Station, "Dynamics and feedbacks of small-scale fisheries of Baja California, Mexico", 4 October 2010.
10. Invited seminar at the University of California, Davis "Dynamics and sustainability of small-scale fisheries of Baja California, Mexico", 7 October 2010.
11. Invited plenary speaker in the International Conference on Biodiversity and Ecosystem Services, sponsored and organized by Eni, and the Fondazione Eni Enrico Mattei, 23 September 2010. Matera, Italy.
12. Invited seminar at the Naples Zoological Station "Change and sustainability of coupled human-natural coastal ecosystems", Naples, Italy, 24 May 2010.

13. Invited seminar at ISPRA - Istituto Superiore per la Protezione e la Ricerca Ambientale "La biodiversita' marina: stato attuale, pressioni antropiche e scenari futuri", Chioggia (Venice), Italy, 19 May 2010.
14. Invited presentation on mapping cumulative human impacts to marine ecosystems at the Joint Research Center (JRC) of the European Environmental Agency, Ispra (VA), Italy, 3 May 2010.
15. Invited presentation on the results of NSF Biocomplexity Project "Linking human and biophysical processes in coastal marine ecosystems of Baja California" for the re-assessment of the spiny lobster certification. La Paz, Mexico, March 17, 2010.
16. Invited seminar at the University of California, Santa Barbara, "Human influences and feedbacks in coastal marine ecosystems". January 2010.
17. Invited presentation and discussant at roundtable on climate change for the Center for Ocean Solutions (COS) graduate workshop series. November 9, 2009, Monterey, CA.
18. Invited presentation at the 2009 Pew Fellows Program in Marine Conservation Annual Meeting, October 15-18, 2009, Sebasco Harbor, Maine (Pew Fellowship Recipient).
19. Invited presentation and discussant at roundtable for the 'Alta Scuola Politecnica' course *Global Change and Sustainability*. Politecnico di Milano, Italy, 24 May 2009.
20. Invited seminar at Simon Fraser University, BC, Canada, "Linking natural and human systems in coastal marine environments. January 2009.
21. Invited seminar at the University of California Santa Cruz, "Environmental and human drivers of fisheries performance". 23 October 2008.
22. Invited presentation at the NEMO (Nonpoint Education for Municipal Officials) University Conference, Monterey Bay Aquarium, Monterey, CA "Assessing the state of the oceans: mapping cumulative human impacts on marine ecosystems". October 20, 2008.
23. Invited seminar at the First Nations Institute, Stanford University "Environmental and human drivers of the performance of small-scale fisheries in Baja California, Mexico". 13 October 2008.
24. Invited seminar at the Moss Landing Marine Laboratories "Multiple stressors to marine communities: global, regional and local impacts". October 3, 2008.
25. Invited speaker in symposium on "Where in the world are the last marine pristine ecosystems?" at the annual meeting of the American Society for the Advancement of Science (AAAS), February 13-18, 2008, Boston, MA, USA.
26. Invited speaker in symposium on "Marine reserves: are the investments paying off?" at the annual meeting of the American Society for the Advancement of Science (AAAS), February 13-18, 2008, Boston, MA, USA.
27. Invited seminar at the University of Parma, Environmental Sciences Department, Italy. 20 December 2007.
28. Invited seminar at the Naples Zoological Station, Naples, Italy. 14 December 2007.
29. Invited seminar at the Politecnico di Milano, Milan, Italy. 11 December 2007.
30. Invited symposium speaker in CalCOFI annual meeting, Pacific Grove, 4-6 December 2006.
31. Keynote speaker at the Peter Yodzis Colloquium in Fundamental Ecology: "Biodiversity, Structure and Function", University of Guelph, Canada, May 17-18, 2006.
32. Invited seminar at the Department of Biology, Dalhousie University, Halifax, Canada. November 2005.
33. Invited seminar at the Department of Environmental and Biological Sciences, University of Lecce, Italy, October 2005.
34. Joint Annual Meetings of the Ecological Society of America (ESA) and International

- Society for Ecology (INTECOL). Symposium on “Incorporating trophic diversity into the biodiversity-ecosystem functioning debate: lessons from aquatic ecosystems”. Montreal, Canada, August 2005.
35. Invited seminar at the Department of Environmental and Biological Sciences, University of Lecce, Italy, December 2004.
 36. Invited seminar at the Department of Integrative Biology, University of California, Berkeley, December 2004.
 37. Keynote speaker at the annual meeting of the Ecological Society of Italy (S.It.E), Siena, Italy, 4 October 2004.
 38. Annual Meeting of the Society for Conservation Biology. Symposium on “Sea of Cortez: bi-national Science and Conservation in the Aquarium of the World”. New York, NY, July 2004.
 39. Annual Meeting of the Society for Conservation Biology. Symposium on “Designing Networks of Reserves: Theory, Tools and Case Studies”. New York, NY, July 2004.
 40. Invited seminar at the Center for Conservation Biology, Stanford University. June 2004.
 41. Invited seminar in the Environmental Policy Forum, Institute for International Studies, Stanford University. February 2004.
 42. Invited seminar at the Department of Ecology and Evolution, University of California, Davis, February 2004.
 43. Invited speaker in the Stanford Marine Reserves Workshop. Monterey, CA, December 2003.
 44. Invited speaker at the 83rd Annual Meeting of the Western Society of Naturalists, Symposium on “ Marine Ecological Patterns at the Large Scale”, Monterey, CA, 9-11 November 2002.
 45. Invited speaker at the 4th William R. and Lenore Mote International Symposium in Fisheries Ecology “Confronting Trade-offs in the Ecosystem Approach to Fisheries Management”, Sarasota, FL, 5-7 November 2002.
 46. Invited speaker at the European Union Workshop " Towards the Co-ordination of Scientific Research in Marine Protected Areas", Rome, Italy, July 2002.
 47. Invited seminar at the Monterey Bay Research Institute (MBARI), Moss Landing, CA. May 2002.
 48. Invited speaker in the Environmental Workshop Series, Law Department, Stanford University. March 2002.
 49. Invited speaker at the Center for Conservation Biology, Stanford University. March 2002.
 50. Invited seminar at the Moss Landing Marine Laboratories, Moss Landing, CA. February 2002.
 51. Invited seminar at the Biological Sciences Department, University of California, Santa Cruz, CA. November 2001.
 52. Invited speaker at the CIESM (Commission Internationale pour l’Exploration Scientifique de la Mer Mediterranee) Congress. Symposium on “Marine reserves: theory and applications”. Monaco, September 2001.
 53. Invited speaker at the Annual Meeting of the Society for Conservation Biology. Symposium on “The application of top predator distribution to the design and efficacy of marine reserves”. Hilo, Hawaii, July 2001.
 54. Invited seminar at the Bodega Marine Laboratories, University of California, Davis, CA, June 2001.
 55. Invited speaker at the LARVAE Symposium “Larval Biology, dispersal and gene flow at hydrothermal vents”. Ogden, Utah, May 2001.
 56. Invited speaker at the AAAS annual meeting. Symposium on “Developing the

- Theory of Marine Reserves. San Francisco, February 2001.
57. Invited speaker at the Workshop of the Society for Conservation Biology “Research Priorities in Conservation Biology”, Jacksonville, FL, USA. April 2000.
 58. Invited seminar at the Stazione Zoologica di Napoli (Naples Zoological Station), Naples, Italy. March 2000.
 59. Invited seminar at the Biology Department, University of Lecce, Italy. 2000.
 60. Invited speaker at the NCEAS (National Center for Ecological Analysis and Synthesis) Symposium on Marine Reserves, Santa Barbara, CA, USA. 1999.
 61. Invited speaker at the CIESM (Commission Internationale pour l’Exploration Scientifique de la mer Mediterranee) workshop “Towards a rationale for marine protected areas in the Mediterranean Sea”, Porto Cesareo, Italy. 1999.
 62. Invited seminar at the Biological Sciences Department, Stanford University, CA, USA. 1999.
 63. Invited seminar at the Hopkins Marine Station, Stanford University, CA, USA. 1999.
 64. Invited seminar at the Department of Ecology and Evolution, University of California, Davis, CA, USA. 1998.
 65. Invited speaker at the ASLO/ESA conference: “The land-water interface: science for a sustainable biosphere”. St. Louis, MI, USA. 1998
 66. Invited seminar at the Department of Marine Sciences, University of Georgia - Athens, GA, USA. 1998.
 67. Invited seminar at the The University of Georgia Marine Institute, Sapelo Island, GA, USA. 1998.
 68. Invited seminar at the Department of Zoology, University of Washington, Seattle, WA, USA. 1998.
 69. Invited seminar at the The Romberg Tiburon Center for Environmental Studies, San Francisco State University, USA. 1997.
 70. Invited seminar at the Department of Ecology, Evolution & Marine Biology, University of California - Santa Barbara, USA. 1996.
 71. Invited seminar at the Department of Animal Biology and Genetics of the University of Florence, Italy. 1996.
 72. Invited seminar at the Department of Animal Biology and Genetics of the University of Florence, Italy. 1993.

Membership in Scientific Societies:

Society for Conservation Biology (SCB)
Ecological Society of America (ESA)
Western Society of Naturalists (WSN). President for 2011

Service and synergistic activities:

Committees – Stanford

- Member of the Selection Committee for Stanford’s Woods Institute Environmental Venture Projects, 2010-2012.
- Member of Post-Grad Fellowship Committee, Center for Ocean Solutions, May 2008-2011.
- Member of scientific committee of the Palmyra Research Consortium (PARC). January 2008-present.
- Hopkins Marine Station graduate awards committee, since October 2006.
- Member of the Scientific Diving Control Board, Hopkins Marine Station, Stanford University, December 2004-present.
- Member of the Hopkins Marine Life Refuge committee, Hopkins Marine Station, May 2001-

present.

- Member of the Ecology and Evolution subcommittee of the Graduate Admission and Recruiting Committee, Biological Sciences Department, Stanford University. December 2001 – 2003.

Committees – External

- Member of the MacArthur Award Committee, Ecological Society of America, 2010, 2012.
- Member of the advisory board for the EU-funded project COCONET (marine reserve networks in the Mediterranean Sea). 2012-2015.
- Member of the advisory board for the project “Science-based Management of Marine and Coastal Resources in the Photic Zone along the Northern Israeli Coastline”, 2012-2015.
- Member of the steering committee on “Comparative Analysis of Marine Ecosystem Organization” (CAMEO), part of the Ocean Research Priorities Plan co-funded by NOAA and NSF. March – December 2007.
- Member of the advisory committee for the Partnership for Interdisciplinary Studies of the Coastal Ocean (PISCO). October 2006-December 2007.
- Member of the Science Advisory Committee for the WWF, Rome, Italy. September 2006-present.
- Member of Award Committee for the Thomas M. Frost Award for Excellence in Graduate Research, Ecological Society of America. April 2006-present.
- Member of the Mediterranean Group of IUCN's World Commission on Protected Areas - Marine (WCPA MMED). September 2005 – present.
- Member of the Science Advisory Board of the National Center for Ecological Analysis and Synthesis (NCEAS), Santa Barbara, CA, USA. September 2005-March 2008.
- Member of the Science Panel for the development of the Elkhorn Slough Tidal Wetland Plan 2004-2005.
- Member of the Ecological Society of America committee for "Ecological Science, Education and Outreach in the First Decade of the 21st Century: An Assessment and Strategic Planning Effort". 2002-2004.
- Member of the International Advisory Committee of “Sistema Afrodite” (coordinated monitoring program of 15 Italian Marine Protected Areas), ICRAM (Istituto Centrale per la Ricerca Scientifica e Tecnologica Applicata al Mare), Rome, Italy, 2001-2003.
- Member of the Monterey Bay National Marine Sanctuary Research Activity Panel (RAP). November 2001-present.
- Member of Monterey Bay National Marine Sanctuary working group to develop a regional approach to evaluating and addressing impacts to rocky shores from human disturbance. Monterey, CA, January-April 2003.
- Member of the Scientific Advisory Committee for the Second Symposium on Marine Conservation Biology, convened by the Marine Conservation Biology Institute (MCBI), June 2001, San Francisco State University, CA.

Workshops and Symposia

- Organizer of presidential symposium at the Western Society of Naturalists annual meeting “Solutions to the fisheries crisis: stories of success and the way forward”. Vancouver, WA, 13 November 2011.
- Organizer and participant in working group on “Coastal hypoxia within the California Current Large Marine Ecosystem: patterns, drivers, and impacts”. Center for Ocean Solutions, Monterey, CA. May 2011-August 2012.
- Invited participants in meeting at the Packard Foundation (Los Altos, California) to coordinate and integrate research informing policy among Monterey Bay institutions (MBA, MBARI, HMS, MBNMS). 11 February 2011.

- Organizer and speaker in the workshop “Raising the bar: creating incentives for comprehensive marine management”. March 29-30, 2011, Hopkins Marine Station, Pacific Grove, CA, USA.
- Co-organizer (with Tundi Agardi and Giuseppe Notarbartolo) and speaker in the workshop “Conservation and management of the Mediterranean”. Pew Annual Meetings in Marine Conservation, San Felieu de Guixoles, Spain, 25-29 September 2010.
- Organizer and speaker in the workshop “Multi-species certification of small-scale fisheries”. April 13-14, 2009. Hopkins Marine Station, Pacific Grove, CA, USA.
- Organizer and speaker in the workshop “Ecological Principles of Marine Spatial Management”, March 18-19, 2009, Center for Ocean Solutions, Monterey, CA, USA.
- Invited participant and speaker in the symposia “Where in the world are the last marine pristine ecosystems?” and “Marine reserves: are the investments paying off?” at the annual meeting of the American Society for the Advancement of Science (AAAS), February 13-18, 2008, Boston, MA, USA.
- Organizer and speaker in symposium on “Biocomplexity, fisheries, and coupled natural human systems” (co-organized with Ray Hilborn, University of Washington) at the annual meeting of the American Fisheries Society, September 2-6, 2007, San Francisco, CA, USA.
- Participant and speaker in the fourth annual Stanford/UCSC Species Interactions Workshop. December 2, 2006, Long Marine Lab, UCSC, Santa Cruz, CA.
- Invited participant in the workshop “Ecosystem-Based Management in the Marine Environment: Case Studies and Moving Forward”. October 24-25, 2006, Santa Cruz, CA.
- Invited participant, as member of the advisory committee, to a meeting to revise the booklet “The Science of Marine Reserves”, Partnership for Interdisciplinary Studies of the Coastal Ocean (PISCO), 9-11 October 2006, University of California, Santa Barbara.
- Invited participant in COMPASS (Communication Partnership for science and the Sea) meeting on marine ecosystem-based management (EBM), December 12-13, 2005, Monterey CA.
- Invited participant in TOPP (Tagging of Pacific Pelagics) workshop on Biological Hot Spots, Monterey, CA, 7-9 December 2005.
- Invited participant in the SIMoN (Sanctuary Integrated Monitoring Network) Elkhorn Slough Annual Research Workshop and Review. Elkhorn Slough National Research Reserve, Moss Landing, CA, April 2004.
- Organizer and speaker in symposium on “Coral Reef Ecosystems and People: Practical Applications of Biocomplexity Science” (co-organized with Daniel Brumbaugh, American Museum of Natural History, New York) at the annual meeting of the American Society for the Advancement of Science (AAAS), February 16-20, 2006, St Louis, MS, USA.
- Co-PI in the NCEAS (National Center for Ecological Analysis and Synthesis) working group “A synthetic approach to the science of ecosystem-based management” (with A. Rosenberg). 2005-2007.
- Invited participant in evening session “How to succeed in ecology: advice from senior ecologists and rising stars”. INTECOL-ESA joint meeting. August 7-12, 2005, Montreal Canada.
- Co-PI in the NCEAS (National Center for Ecological Analysis and Synthesis) working group “Putting ocean wilderness on the map: building a global atlas of ‘pristine’ marine environments” (with B. S. Halpern, K. Selkoe, and H.S. Lenihan). 2005.
- Participant in NCEAS (National Center for Ecological Analysis and Synthesis) working groups: “Supporting decision making in the Coral Triangle Initiative: prioritizing socially and economically viable projects and places for biodiversity conservation” (H. Possingham and Carissa Klein, PIs) 2009-2010; “Linking marine biodiversity to ecosystem functions and services” (B. Worm and E. Sala, PIs), 2004-2006; “Development of Tools for the Practical Design of Marine Reserves” (A. Hastings and L. Botsford, PIs), 2002-2006; “Developing the

theory of marine reserves” (J. Lubchenco, S. Gaines, and S. Palumbi, PIs), 1998-1999;
“Intrinsic and extrinsic variability in community dynamics” (A.R. Ives and T.M. Frost, P.I.s).
1996-1997.

- Invited participant in the SIMoN (Sanctuary Integrated Monitoring Network) Elkhorn Slough Annual Research Workshop and Review. Elkhorn Slough National Research Reserve, Moss Landing, CA, April 2004.
- Invited participant in the Smithsonian Institution Marine Science Network Colloquium "Application of historical records to the sustainable management of coral reefs". Panama, December 11-15, 2003.
- Invited participant in the workshop “Marine Biodiversity in the Present: Known, Unknown, and Unknowables”, Center for Marine Biodiversity and Conservation (CMBC), Scripps Institution of Oceanography, La Jolla, CA, 6-9 December 2002.
- Invited participant in EU-sponsored workshop “Towards the coordination of scientific research in marine protected areas”, Rome, Italy, July 2002.
- Invited participant in the workshop “Webs on the web: internet database, analysis, and visualization of ecological networks”, Santa Fe Institute, Santa Fe, NM, April 2002.
- Organizer of symposium on “Community-based and sustainable management of marine resources: incentives and institutions” (co-organized with Julia Novy, WWF, and Raphael Sagarin, Stanford University) at the annual meeting of the American Society for the Advancement of Science (AAAS), February 2002, Boston, MA, USA.
- Invited participant in the workshop “ Marine Reserves Worldwide: Perceptions, Realities, and Options”, COMPASS, Monterey, CA, January 2002.
- Invited participant in the workshop of the North American Marine Protected Areas Network. Monterey, CA, May 2001.
- Invited participant in the workshop of the CIESM (Commission Internationale pour l’Exploration Scientifique de la Mer Mediterranee) “Towards a rationale for marine protected areas in the Mediterranean Sea”, Porto Cesareo, Italy. 1999.
- Convened workshop on community variability at the National Center for Ecological Analysis and Synthesis, Santa Barbara (in collaboration with Kathryn L. Cottingham, Dartmouth College), integrating different approaches and analytical tools to investigating temporal variation in natural communities. 1998.

Seminar series

- Co-organized (with M. Denny) winter 2007 seminar series, Hopkins Marine Station, Pacific Grove, CA.
- Co-organized (with B. Block) spring 2006 seminar series, Hopkins Marine Station, Pacific Grove, CA.
- Co-organized (with S. Palumbi) winter 2005 seminar series, Hopkins Marine Station, Pacific Grove, CA.
- Co-organized (with W. Gilly) fall 2002 seminar series, Hopkins Marine Station, Pacific Grove, CA.
- Organized winter 2002 seminar series. Hopkins Marine Station, Pacific Grove, CA.
- Organized weekly seminar series. National Center for Ecological Analysis and Synthesis, Santa Barbara, CA, USA. 1998.
- Organized graduate/postgraduate weekly seminar series in ecology. Institute of Marine Sciences, University of North Carolina at Chapel Hill, NC, USA. Spring 1994 and 1993.

Other

- Presentation on fisheries status and function of marine reserves to the 80 members of the fishing cooperative Buzos y Pescadores, Isla Natividad, Baja California, Mexico. 6 September 2011.

- Invited participant in the award ceremony for the re-certification of the Baja California spiny lobster fishery. Ensenada, Mexico, 30 August 2011.
- President-elect of the Western Society of Naturalists (2011)
- Invited presentation and discussant in 2-day workshop of fishing cooperatives of the Pacific coast of Baja California, to present and discuss the function of marine reserves. Convened and organized by COBI and FEDECOOP. Ensenada, Mexico, April 2011.
- Reviewer of the booklet “The Science of Marine Reserves: Europe”, Partnership for Interdisciplinary Studies of the Coastal Ocean (PISCO), fall 2010.
- Presented results of ongoing research on small –scale fisheries of Baja California, Mexico to fishing cooperative members of six different communities. 4-8 September 2010.
- Presented results of ongoing research on small –scale fisheries of Baja California, Mexico to staff of fishing cooperative federation (FEDECOOP), La Paz, Mexico, March 2010.
- Assessor for PhD thesis by Edward Game, University of Brisbane, Australia (main advisor: Hugh Possingham). 2009.
- Participated in 1-week training of fishing cooperative members of Isla Natividad, Mexico, to conduct community-based monitoring and establish research program for newly established marine reserves, in collaboration with the Mexican NGO Comunidad y Biodiversidad (COBI) and REEF CHECK. August 2006. Presented updates and progress reports of results to the cooperative members in July and November 2008, and September 2009 and 2010.
- Co-organized and participated in activities for two Hopkins Marine Station open house events, October 2003 and 2006.
- Judge for the best student presentation. SCORE Oceans Colloquium. Hopkins Marine Station, Pacific Grove, CA. 12-13 November 2005.
- Member of the Editorial Board for Conservation Biology. November 2004-present.
- Judge for the “Premio Marchetti” for the best student presentation. Meeting of the Ecological Society of Italy, Siena, Italy, October 2004.
- Organized weekly discussion group, attended by faculty, postdocs, graduate and undergraduate students at the Hopkins Marine Station. 2002-present.
- Compiled datasets of time series of 20 pelagic marine food webs (1998), published marine enclosure studies (1998), and studies of community-wide effects of protection of fish assemblages in marine reserves (2002-2003). The datasets have been shared with several investigators, and are currently used in ongoing NCEAS working group activities.
- Assembled dataset of physical and biological variables from long-term monitoring of 34 northamerican lakes subject to experimental whole lake manipulations of nutrient loading and food-web structure (in collaboration with Kathryn L. Cottingham, Dartmouth College). The dataset is maintained and utilized at the National Center for Ecological Analysis and Synthesis, Santa Barbara. 1997.
- Judge for the Murray F. Buell Award for excellence in ecology (student papers). Meetings of the Ecological Society of America, 1997 and 1998.
- Collaborated with North Carolina fishers in designing and conducting a study of the impact of shellfish harvesting on oyster reef habitat and shellfish populations. Morehead City, USA, 1996-1997.

Reviewer for:

- Proposal to Hamaarag - Israel National Program for Ecosystem Assessment
- Graduate Women in Science (GWIS) Fellowship Applications
- NSF proposals (Ecology, Biological Oceanography, and cross-cutting programs: Collaborative Research, LTER)
- National Geographic Society Committee for Research and Exploration proposals
- Natural Environment Research Council (UK)- research proposals
- National Estuarine Research Reserve System (NERRS) Graduate Research Fellowships

- proposals
- AAAS-WISC proposals
- Working group, postdoctoral, and sabbatical proposals to the National Center for Ecological Analysis and Synthesis (NCEAS), Santa Barbara, CA, USA.
- NOAA NURP proposals to the Caribbean Marine Research Center
- NOAA/NSF CAMEO proposals (Comparative Analyses of Marine Ecosystem Organization)

- International journals:
 - American Naturalist
 - Biotropica
 - Conservation Biology (Editorial Board Member)
 - Ecology
 - Ecological Applications
 - Ecology, Ethology & Evolution
 - Ecology Letters
 - Ecography
 - Ecosystems
 - Frontiers in Ecology and the Environment
 - Journal of Experimental Marine Biology and Ecology
 - Limnology and Oceanography
 - Marine Biology
 - Marine Ecology Progress Series
 - Marine and Freshwater Research
 - Nature
 - Ocean Acidification (Editorial Advisory Board Member)
 - Oecologia
 - Oikos
 - Proceedings of the National Academy of Science
 - Science
 - Theoretical Ecology (Editorial Board Member)

Outreach:

- Consultant and participant in documentary “*Marine Biodiversity in Tuscany*” directed by M. Tarantino, written by C. Volpi. Presented to the public and the regional administration of the Tuscany region, Italy, on November 30, 2011, in Florence.
- Co-organizer and participant in Hopkins Marine Station Open House, 29 October 2011. Formal presentation, posters, and informal interaction with the public during day-long event.
- Phone interview on fisheries sustainability with Thomas Zengage, Pacific Communicators Inc., a high level consultancy specializing in strategic communications and issues management. 12 October 2011.
- Interview with Climate Wire on ocean acidification and results from our studies at the Ischia carbon dioxide vents. 19 September 2011.
- Interview with Martina Preiner (freelance radio journalist) about shifting baselines and reconstructing past marine predator populations status. 19 September 2011.
- Interview with Discovery News about shifting baselines and reconstructing past marine predator populations status. September 2011.
- Presentation on the quantification and mapping of cumulative human impacts to the Mediterranean Sea as a tool for marine conservation planning. WWF, Rome, Italy, 28 June 2011.
- Participated in community-outreach open house event at the Hopkins Marine Station, 15

March 2011, Pacific Grove, CA.

- Interview for Marineman (comics on underwater discovery and science featuring profiles and interviews with marine scientists). The comic was created by Ian Churchill and published by Image Comics. Micheli is featured in a question-and-answer section of the comic, titled “The Oceanauts: Real World Marine Men and Women”. Published April 2011.
- Published profile on the webpage “Ricercati speciali” on Italian researchers in sciences and arts (Radio3Scienza, Italy). February 2011.
- Public presentations on marine biodiversity and conservation organized by the administration of the Tuscan Archipelago National Park, Elba Island, Italy, July 2010.
- Live radio interview on the ecological impacts of the Gulf of Mexico oil spill for the Italian radio program “Radio 3 Scienza”, 20 May 2010.
- Interview for the Mexican television program “24° Latitud Scientifica”, broadcasted on 7 April 2010.
- Participated in roundtable presentations and discussion at enrichment program organized by the Monterey Bay Sanctuary Foundation for the MBA and Point Lobos State Park docents and volunteers. 5 September 2009.
- Article for Il Panda (WWF-Italy) “Gli impatti cumulativi sui nostri mari: quando 1+1 non fa solo 2...” on human cumulative impacts on marine ecosystems. Published December 2008.
- Lectured at community outreach event at the Hopkins Marine Station “Answering the SOS from the oceans”. October 2, 2008.
- Meetings and informal presentations to Congressman Sam Farr and Congresswoman Lois Capps (CA), Washington DC, September 2008.
- Presentation to the Joint Ocean Commission Initiative, Washington DC, September 2008.
- Television interview for KTSF news on human impacts to global and California marine ecosystems, March 12, 2008.
- Radio interview for the Austrian Broadcasting Company on global human impacts to marine ecosystems, 16 February 2008.
- Live interview on global human impacts to marine ecosystems with Radio3 Scienze, Italy. 15 February 2008.
- Radio interview for the BBC on global human impacts to marine ecosystems, 14 February 2008.
- Press briefing on human impacts to marine ecosystems at the AAAS meeting, 14 February 2008, Boston, MA, USA
- Interview with John Nielson on global human impacts to marine ecosystems, National Public Radio, 13 February 2008.
- Radio interview with RAI International (Italy), 21 January 2008. Resulting 30 minute interview broadcasted on February 20, 2008.
- Interview for article on marine reserves for the Environmental Journalists Association. 25 July 2007, Pacific Grove, CA.
- Presenter at community-outreach open house event at the Hopkins Marine Station, 14 July 2007, Pacific Grove, CA.
- Interview with the newspaper “The Monterey Herald”, 20 November 2006.
- Interview with Lara Ricci, Il Sole 24 Ore (main Italian economics and business newspaper), Italy. Resulting article on the state of marine ecosystems and approaches to addressing loss of marine biodiversity published on 17 November 2006.
- Interview with Giovanni Caprara, Corriere della Sera (main Italian daily newspaper), Milano, Italy. Resulting article commenting on Science paper co-authored with B. Worm and others was published on 3 November 2006.
- Interview with Betsy Mason, Science Reporter, Contra Costa Times. 2 November 2006
- Live radio interview for BBC radio five, UK. 2 November 2006.
- Television interview for CBS news San Francisco, 2 November 2006.

- Several presentations to fishing cooperative members of Baja California, Mexico, 2004-2006.
- Participated in 1-week training of fishing cooperative members of Isla Natividad, Mexico, to conduct community-based monitoring and establish research program for newly established marine reserves, in collaboration with the Mexican NGO Comunidad y Biodiversidad (COBI) and REEF CHECK. August 2006.
- Author of article on the health of the Mediterranean Sea published in the daily Italian newspaper "Il sole 24 ore" (the Italian version of 'The Economist') on 27 April 2006.
- Radio Interview for the series "The Pulse of the Planet" (<http://www.pulseplanet.com>, <http://www.pulseplanet.com/archive/Jul05/Jul05.html>), about tidepools and intertidal ecology and conservation. 8 February 2005. Broadcasted on National Public Radio in July and August 2005.
- Interview on human impacts and conservation of rocky intertidal communities, and on abalone decline in California for National Geographic News (<http://news.nationalgeographic.com>, http://news.nationalgeographic.com/news/2005/07/0725_050725_tidepool.html; http://news.nationalgeographic.com/news/2005/08/0809_050809_abalone.html). June and August 2005.
- Presentation to the AALS Environmental Law section about policy-relevant marine science. Hopkins Marine Station, Pacific Grove, CA. 6 January 2005.
- Interview with Mark Shapiro, Center for Investigative Reporting, about the ecological impacts and long-term effects of the 26 December 2004 Tsunami. 4 January 2005.
- Presentation to the Western Association of Marine Laboratories (WAML). Hopkins Marine Station, Pacific Grove, CA, 28 October 2004.
- Presentations at the Friends of the Hopkins Marine Station Open House, a community-outreach event, Hopkins Marine Station, Pacific Grove, CA, July 10, 2004, and July 14, 2007.
- Presentation to the public, scientists and NGO representatives at the informational workshop "From Mountains to Marine Reserves", organized by *Save our Shores*, Santa Cruz, CA, 15 June 2004.
- Lecture and presentations to the public in the Hopkins Marine Station Open House, 25 October 2003 and 14 October 2006.
- Live interview for the science program "Le oche di Lorenz" (National Italian Television, RAI 3). Discussed human impacts on the marine environment and conservation options. Broadcasted on March 4, 2002.
- Lectured in the Stanford Alumni Association summer seminar "The sea". Hopkins Marine Station, Pacific Grove, CA. June 2001.
- Friends of the Hopkins Marine Station Lecture Series, Hopkins Marine Station, Pacific Grove, CA, April 2001 and April 2006.
- Instructor for the "Kids-do-Ecology" program (science projects with 5th grade class), Santa Barbara, USA. 1998.
- Lectured to the Izaak Walton League of America (environmentalist organization), Swansboro, NC, USA. 1995.
- Led field trips for public schools, (5th and 6th grade), Beaufort, NC, USA. 1995.
- Lectured to the Pilot Club (women community service organization), Morehead City, NC, USA. 1992 and 1995.
- Lectured at the North Carolina Maritime Museum, Beaufort, NC, USA. 1993.
- Lectured in the "Open University Initiative" (lectures to the public), University of Florence, Italy. 1990.
- Scientific advisor for two nature documentary films broadcasted on the National Italian Television in March 1987 and April 1991.