Stanford

Fiorenza Micheli

David and Lucile Packard Professor of Marine Science, Professor of Oceans and Senior Fellow at the Woods Institute for the Environment

Bio

BIO

Fiorenza Micheli is the David and Lucile Packard Professor of Marine Science at Stanford University, chair of the Oceans Department in the Stanford Doerr School of Sustainability, co-director of Stanford's Center for Ocean Solutions, senior fellow at Woods Institute for the Environment, and Professor, by courtesy, in Biology. Her research focuses on the processes shaping marine communities and coastal social-ecological systems, incorporating this understanding in marine conservation and in co-designing solutions with decision-makers and communities. She investigates climatic impacts on marine ecosystems, marine predators' ecology and trophic cascades, the dynamics and sustainability of small-scale fisheries, and the design and function of Marine Protected Areas. She is a Pew Fellow in Marine Conservation, a fellow of the California Academy of Sciences, co-founder on board member of Ocean Visions, and advisor to the Monterey Bay National Marine Sanctuary, Seafood Watch, Global Fishing Watch, and the Benioff Ocean Science Laboratory.

ACADEMIC APPOINTMENTS

- Professor, Oceans
- Senior Fellow, Stanford Woods Institute for the Environment
- Senior Fellow, Stanford Woods Institute for the Environment

ADMINISTRATIVE APPOINTMENTS

- Chair, Oceans Department, SDSS, (2025-2028)
- Chair, Oceans Department, SDSS, (2022-2025)
- Co-director, Hopkins Marine Station, (2020-2022)
- Co-director, Center for Ocean Solutions, (2017- present)
- Senior Fellow, Woods Institute for the Environment, (2014- present)

PROGRAM AFFILIATIONS

- Center for Latin American Studies

LINKS

- Micheli Lab website: https://michelilab.stanford.edu/
- Center for Ocean Solutions: https://oceansolutions.stanford.edu/
- Oceans Department: https://sustainability.stanford.edu/school/departments/oceans
- Hopkins Marine Station: https://hopkinsmarinestation.stanford.edu

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

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 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. I am currently co-directing the Stanford Center for Ocean Solutions, with Jim Leape.

To date, I have authored or co-authored over 200 peer-reviewed publications. I have advised over 20 postdocs, over 20 PhD students and nearly 100 undergraduate students at Stanford University. Currently my group includes four postdoctoral researchers and six PhD students conducting research in California, Baja California, Palau, The Chagos and Italy, and additional fellows and interns at COS. I have given over 300 presentations at conferences, symposia and at academic institutions, including ~150 invited presentations and ten lectures as the keynote speaker in international conferences. I have obtained grants from the US National Science Foundation, Environmental Protection Agency, NOAA, National Geographic Society, and private foundations, including funding for three large multi-institutional and interdisciplinary projects from the NSF – Coupled Natural-Human Systems program. I am a fellow of the California Academy of Science and the Aldo Leopold Leadership Program, past president of the Western Society of Naturalists, a Pew Fellow in Marine Conservation.

Teaching

COURSES

2026-27

- Ocean Solutions: Science, Policy, and Community-Engaged Learning: OCEANS 123H, OCEANS 223H (Spr)
- Planet Ocean: BIO 71, ESS 71, OCEANS 71 (Win)
- Scientific Communications: An Introduction: OCEANS 305 (Spr)

2025-26

- Catalyzing Solutions for a Sustainable Ocean: Learning with Local Communities: BIO 123, OCEANS 123H, OCEANS 223H (Spr)
- Oceans Exploration: Gulf of California: OCEANS 164H, OCEANS 264H (Spr)
- Planet Ocean: BIO 71, ESS 71, OCEANS 71 (Win)
- Scientific Communications: An Introduction: OCEANS 305 (Spr)

2024-25

- Catalyzing Solutions for a Sustainable Ocean: Learning with Local Communities: BIO 123, OCEANS 123H, OCEANS 223H (Spr)
- Integrative Ocean Study: ENGLISH 149, ENGLISH 249 (Win)
- Planet Ocean: BIO 71, ESS 71, OCEANS 71 (Win)
- Scientific Communications: An Introduction: OCEANS 305 (Spr)

2023-24

- Catalyzing Solutions for a Sustainable Ocean: Learning with Local Communities: BIO 123, OCEANS 123H, OCEANS 223H (Spr)
- Get to Know Your Oceans: OCEANS 300A (Aut)

- Planet Ocean: BIO 71, ESS 71, OCEANS 71 (Win)
- Scientific Communications: An Introduction: OCEANS 305 (Spr)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Kaikuliumaikalani kaholoaa

Postdoctoral Faculty Sponsor

Nur Arafeh Dalmau, Jeanine Brantschen, Veronica Frans, Alexy Khrizman, Yezi Yang

Doctoral Dissertation Advisor (AC)

Danny Collins, Ceyenna Tillman

Doctoral (Program)

Ceyenna Tillman

Publications

PUBLICATIONS

- **Global patterns and regional insights into kelp forest protection, restoration, and stewardship** *JOURNAL OF APPLIED PHYCOLOGY*
  Eger, A. M., Verges, A., MehtaFalkland Islands, A., Pessarrodona, A., Mora-Soto, A., Bernal-Ibanez, A., Smorygo, A., Niese, A. M., Savard-Drouin, A., Carlson, A., Put, A., Falace, A., Power, et al
  2026
- **Identifying functional climate refugia of marine megafauna through analysis of functional diversity.** *Journal of environmental management*
  Gissi, E., McDevitt-Irwin, J. M., Santos, C. F., Kaschner, K., Kesner-Reyes, K. N., Hazen, E. L., Santoleri, R., Micheli, F.
  2026; 411: 130119
- **Identifying marine climate refugia to advance climate-smart conservation.** *Trends in ecology & evolution*
  Sanz-Martín, M., Olguín-Jacobson, C., Bolin, J. A., Quiles-Pons, C., Brito-Morales, I., García Molinos, J., Hidalgo, M., Alabia, I. D., Gissi, E., Provost, M. M., Micheli, F., Arafeh-Dalmau, N.
  2026
- **Persistent loss of animal diversity on a rocky shore over nine decades and across multiple investigators.** *PeerJ*
  Elahi, R., Micheli, F., Watanabe, J. M.
  2026; 14: e21099
- **Digital technologies and the study of adaptation in small-scale fisheries** *OCEAN & COASTAL MANAGEMENT*
  Villasenor-Derbez, J., Fernandez, R., Fulton, S., Hernandez-Velasco, A., Hernandez, T., Woodson, C., Cardenas, J., Deleo, G. A., Torre, J., Micheli, F.
  2026; 275
- **Unravelling Marine Benthic Functioning Shifts Under Ocean Acidification.** *Ecology letters*
  Carlot, J., Comeau, S., Chiarore, A., Mirasole, A., Alliouane, S., Micheli, F., Hurd, C. L., Gattuso, J. P., Teixidó, N.
  2026; 29 (4): e70376
- **A framework for co-creating knowledge across the ocean humanities and sciences** *NPJ OCEAN SUSTAINABILITY*
  Sherman, A., Shea, M. M., Barrie, F., Mcfarland, R., Palumbi, S. R., Micheli, F., Cohen, M.
  2026; 5 (1)
- **Governance Arrangements That Fit Social-Ecological Context Are Associated With Fishery Sustainability** *FISH AND FISHERIES*
  Nenadovic, M., Giron, A., Frawley, T., Munguia-vega, A., Pellowe, K. E., Ferrer, E., Gill, D., Gonzalez-mon, B., Johnson, A. F., Lindkvist, E., Micheli, F., Weaver, A. H., Aburto, et al
  2026
- **Recent changes in mussel beds following mass mortality of a keystone marine predator** *MARINE ECOLOGY PROGRESS SERIES*

Chapuis, M., McDevitt-Irwin, J. M., Palmisciano, M., Elahi, R., Detrait, A., Gorum, O., Vogel, C., Chui, E., Haupt, A., Micheli, F.
2026; 776: 21

- **Climate-resilient fisheries are more resilient in general** *NPJ OCEAN SUSTAINABILITY*
  Villasenor-Derbez, J., Lynham, J., Garibay-Toussaint, I., Narchi, N. E., O'connor, R., Olguin-Jacobson, C., DeLeo, G. A., Torre, J., Arafeh-Dalmau, N., Fulton, S., Woodson, C., Micheli, F.
  2025; 4 (1)

- **Monitoring Harmful Algal Blooms in the Southern California Current Using Satellite Ocean Color and In Situ Data** *JOURNAL OF MARINE SCIENCE AND ENGINEERING*
  Lee, M., Arrigo, K., Smith, A., Woodson, C., Lee, J., Micheli, F.
  2025; 13 (11)

- **Safe food: A human right amid climate change.** *Science (New York, N.Y.)*
  Knight, C. J., Burnham, T. L., Crowder, L. B., Eurich, J. G., Franz, N., Golden, C. D., Micheli, F.
  2025; 389 (6765): 1099

- **From Data Deficient to Big Data in Shark Conservation** *FISH AND FISHERIES*
  Ferretti, F., Jenrette, J., Moro, S., Butner, C., Fox, E., Haddock, S. D., Jorgensen, S. J., Hastie, T., Micheli, F.
  2025

- **Governing access and agency: cooperative and non-cooperative forms influence small-scale fisher livelihood vulnerability and adaptation** *ECOLOGY AND SOCIETY*
  Gladstone, F. J., Basurto, X., Frawley, T., Nadovic, M., Navarro, J., Rodriguez-Van Dyck, S., Weaver, A., Micheli, F., Torre, J., Leslie, H. M.
  2025; 30 (3)

- **Using dark diversity to disentangle the effects of protection and habitat quality on species diversity (vol 305, 111096, 2025)** *BIOLOGICAL CONSERVATION*
  Gavriel, T., Azzurro, E., Benedetti-Cecchi, L., Bertocci, I., Cai, L., Claudet, J., Di Franco, A., Frid, O., Guidetti, P., Kleitou, P., Kletou, D., Malamud, S., Micheli, et al
  2025; 307

- **Recovery mode: Marine protected areas enhance climate resilience of invertebrate species to marine heatwaves** *FUNCTIONAL ECOLOGY*
  Olguin-Jacobson, C., Arafeh-Dalmau, N., Early-Capistran, M., Kumagai, J. A., Schoeman, D. S., Espinoza Montes, J., Hernandez-Velasco, A., Martinez, R., Romero, A., Torre, J., Woodson, C., De Leo, G., Micheli, et al
  2025

- **Short and long-term exposure to ocean acidification in limpets from the Castello Aragonese vent systems (Ischia Island, Italy).** *Environmental research*
  Signorini, S. G., Munari, M., Crocetta, F., Moro, I., D'Aniello, I., Nigro, L., Micheli, F., Della Torre, C.
  2025: 121874

- **Using dark diversity to disentangle the effects of protection and habitat quality on species diversity** *BIOLOGICAL CONSERVATION*
  Gavriel, T., Azzurro, E., Benedetti-Cecchi, L., Bertocci, I., Cai, L., Claudet, J., Di Franco, A., Frid, O., Guidetti, P., Kleitou, P., Kletou, D., Malamud, S., Micheli, et al
  2025; 305

- **Global floating kelp forests have limited protection despite intensifying marine heatwave threats.** *Nature communications*
  Arafeh-Dalmau, N., Villaseñor-Derbez, J. C., Schoeman, D. S., Mora-Soto, A., Bell, T. W., Butler, C. L., Costa, M., Dunga, L. V., Houskeeper, H. F., Lagger, C., Pantano, C., Del Pozo, D. L., Sink, et al
  2025; 16 (1): 3173

- **Kelp forests as nursery and foundational habitat for reef fishes.** *Ecology*
  Pérez-Matus, A., Micheli, F., Konar, B., Shears, N., Low, N. H., Okamoto, D. K., Wernberg, T., Krumhansl, K. A., Ling, S. D., Kingsford, M., Navarrete-Fernandez, T., Ruz, C. S., Byrnes, et al
  2025; 106 (2): e70007

- **A Seascape Genomics Perspective on Restrictive Genetic Connectivity Overcoming Signals of Local Adaptations in the Green Abalone (Haliotis fulgens) of the California Current System.** *Ecology and evolution*
  Mares-Mayagoitia, J. A., Mejia-Ruiz, P., Lafarga-De la Cruz, F., Micheli, F., Cruz-Hernandez, P., De-Anda-Montanez, J. A., Hyde, J., Hernandez-Saavedra, N. Y., De Jesus-Bonilla, V. S., Vargas-Peralta, C. E., Flores-Morales, A. L., Pares-Sierra, A. F., Valenzuela-Quinonez, et al

2025; 15 (2): e70913

- **Population structure and sub-legal catch in a California spiny lobster (Panulirus interruptus) fishery in Baja California, Mexico** *CANADIAN JOURNAL OF FISHERIES AND AQUATIC SCIENCES*
  Mansfield, E. J., Bracamontes, M., Schnurle, K., Wong, A., Micheli, F.
  2025

- **Reef shark population declines on remote Pacific reefs: inferences from multiple methods in a data-limited fishery** *MARINE ECOLOGY PROGRESS SERIES*
  Goodman, M. C., White, T. D., Kazdan, J. L., Bradley, D., Shivji, M., Casagrandi, R., Mari, L., Gatto, M., Eurich, J. G., Mccauley, D. J., O'Connor, R. J., De Leo, G. A., Micheli, et al
  2024; 751: 97-114

- **COVID-19 highlights the need to improve resilience and equity in managing small-scale fisheries.** *npj ocean sustainability*
  Mangubhai, S., Olguín-Jacobson, C., Charles, A., Cinner, J., de Vos, A., Graham, R. T., Ishimura, G., Mills, K. E., Naggea, J., Okamoto, D. K., O'Leary, J. K., Salomon, A. K., Rashid Sumaila, et al
  2024; 3 (1): 61

- **Marine Protected Areas That Preserve Trophic Cascades Promote Resilience of Kelp Forests to Marine Heatwaves.** *Global change biology*
  Kumagai, J. A., Goodman, M. C., Villaseñor-Derbez, J. C., Schoeman, D. S., Cavanuagh, K. C., Bell, T. W., Micheli, F., De Leo, G., Arafeh-Dalmau, N.
  2024; 30 (12): e17620

- **Protect kelp forests.** *Science (New York, N.Y.)*
  Arafeh-Dalmau, N., Olguín-Jacobson, C., Earle, S., Bello, M., Lagger, C., Mora-Soto, A., Pantano, C., Palacios, M., Barbosa, R. V., Fica-Rojas, E., Guajardo, E., Aburto-Oropeza, O., Eger, et al
  2024; 386 (6722): 629

- **Past and future impacts of marine heatwaves on small-scale fisheries in Baja California, Mexico** *COMMUNICATIONS EARTH & ENVIRONMENT*
  Villasenor-Derbez, J., Arafeh-Dalmau, N., Micheli, F.
  2024; 5 (1)

- **Combining the uncombinable: corporate memories, ethnobiological observations, oceanographic and ecological data to enhance climatic resilience in small-scale fisheries** *FRONTIERS IN MARINE SCIENCE*
  Garibay-Toussaint, I., Olguin-Jacobson, C., Woodson, C., Arafeh-Dalmau, N., Torre, J., Fulton, S., Micheli, F., O'Connor, R., Precoma-de la Mora, M., Hernandez-Velasco, A., Narchi, N. E.
  2024; 11

- **Coral reef recovery in a remote and large marine protected area is resilient to cascading trophic interactions** *BIOLOGICAL CONSERVATION*
  McDevitt-Irwin, J. M., Chapuis, M., Carlson, R., Meekan, M., Palmisciano, M., Roche, R., Taylor, B. M., Tietjen, K. L., Tillman, C., Micheli, F.
  2024; 298

- **Setting deeper baselines: kelp forest dynamics in California over multiple centuries** *REGIONAL ENVIRONMENTAL CHANGE*
  Selgrath, J. C., Carlton, J. T., Pearse, J., Thomas, T., Micheli, F.
  2024; 24 (3)

- **Sex-specific variation in species interactions matters in ecological communities.** *Trends in ecology & evolution*
  Gissi, E., Goodman, M. C., Elahi, R., McDevitt-Irwin, J. M., Arnoldi, N. S., Arafeh-Dalmau, N., Knight, C. J., Olguín-Jacobson, C., Palmisciano, M., Tillman, C. M., De Leo, G. A., Micheli, F.
  2024

- **Mind the Gap: A Review of Disjunctions in Coastal Marine Species** *INTEGRATIVE AND COMPARATIVE BIOLOGY*
  Pagowski, V., Micheli, F.
  2024

- **Temperature-dependent hypoxia tolerance of purple sea urchin Strongylocentrotus purpuratus across biogeography and ontogeny** *MARINE ECOLOGY PROGRESS SERIES*
  Duncan, M. I., Micheli, F., Marquez, J., Lowe, C. J., Hamilton, S. L., Sperling, E. A.
  2024; 739: 129-146

- **Shortened food chain length in a fished versus unfished coral reef.** *Ecological applications : a publication of the Ecological Society of America*
  Young, H. S., McCauley, F. O., Micheli, F., Dunbar, R. B., McCauley, D. J.
  2024: e3002

- **The Kelp Forest Challenge: A collaborative global movement to protect and restore 4 million hectares of kelp forests (Oct, 10.1007/s10811-023-03103-y, 2023)** *JOURNAL OF APPLIED PHYCOLOGY*
  Eger, A., Aguirre, J., Altamirano, M., Arafeh-Dalmau, N., Arroyo, N., Bauer-Civiello, A. M., Beas-Luna, R., Bekkby, T., Bellgrove, A., Bennett, S., Bernal, B., Blain, C. O., Boada, et al
  2024

- **Salmon shark seasonal site fidelity demonstrates the influence of scale on identifying potential high-use areas and vulnerabilities** *MARINE ECOLOGY PROGRESS SERIES*
  Arnoldi, N. S., Carlisle, A. B., Andrzejaczek, S., Castleton, M. R., Micheli, F., Schallert, R. J., White, T. D., Block, B. A.
  2024; 735: 125-140

- **Growth of juvenile red abalone (Haliotis rufescens) co-cultivated with two densities of warty sea cucumber (Apostichopus parvimensis)** *NEW ZEALAND JOURNAL OF MARINE AND FRESHWATER RESEARCH*
  Bauer, J., Beas-Luna, R., Searcy-Bernal, R., Micheli, F., Vazquez-Vera, L., Boch, C., Carpizo-Ituarte, E., Lafarga-De la Cruz, F., Montano-Moctezuma, G., Lorda, J.
  2024

- **Self-governance mediates small-scale fishing strategies, vulnerability and adaptive response** *GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS*
  Frawley, T. H., Gonzalez-Mon, B., Nenadovic, M., Gladstone, F., Nomura, K., Zepeda-Dominguez, J., Rodriguez-Van Dyck, S., Ferrer, E. M., Torre, J., Micheli, F., Leslie, H. M., Basurto, X.
  2024; 84

- **Social-ecological vulnerability to environmental extremes and adaptation pathways in small-scale fisheries of the southern California Current** *FRONTIERS IN MARINE SCIENCE*
  Micheli, F., Saenz-Arroyo, A., Aalto, E., Beas-Luna, R., Boch, C. A., Cardenas, J., De Leo, G. A., Diaz, E., Espinoza-Montes, A., Finkbeiner, E., Freiwald, J., Fulton, S., Hernandez, et al
  2024; 11

- **Functional changes across marine habitats due to ocean acidification.** *Global change biology*
  Teixidó, N., Carlot, J., Alliouane, S., Ballesteros, E., De Vittor, C., Gambi, M. C., Gattuso, J. P., Kroeker, K., Micheli, F., Mirasole, A., Parravacini, V., Villéger, S.
  2024; 30 (1): e17105

- **Functional changes across marine habitats due to ocean acidification** *GLOBAL CHANGE BIOLOGY*
  Teixido, N., Carlot, J., Alliouane, S., Ballesteros, E., De Vittor, C., Gambi, M., Gattuso, J., Kroeker, K., Micheli, F., Mirasole, A., Parravacini, V., Villeger, S.
  2024; 30 (1)

- **Seascape genomics of the pink abalone (Haliotis corrugata): An insight into a cross-border species in the northeast Pacific coast.** *The Journal of heredity*
  Mares-Mayagoitia, J. A., Lafarga-De la Cruz, F., Micheli, F., Cruz-Hernandez, P., de-Anda-Montanez, J. A., Hyde, J., Hernandez-Saavedra, N. Y., Mejia-Ruiz, P., De Jesus-Bonilla, V. S., Vargas-Peralta, C. E., Valenzuela-Quinonez, F.
  2023

- **Dynamic interplay: disentangling the temporal variability of fish effects on coral recruitment.** *Scientific reports*
  McDevitt-Irwin, J. M., McCauley, D. J., Brumbaugh, D. R., Elmer, F., Ferretti, F., White, T. D., Wible, J. G., Micheli, F.
  2023; 13 (1): 20971

- **Integrating climate adaptation and transboundary management: Guidelines for designing climate-smart marine protected areas** *ONE EARTH*
  Arafeh-Dalmau, N., Munguia-Vega, A., Micheli, F., Vilalta-Navas, A., Villasenor-Derbez, J., Precoma-de la Mora, M., Schoeman, D. S., Medellin-Ortiz, A., Cavanaugh, K. C., Sosa-Nishizaki, O., Burnham, T. L. U., Knight, C. J., Woodson, et al
  2023; 6 (11): 1523-1541

- **The Kelp Forest Challenge: A collaborative global movement to protect and restore 4 million hectares of kelp forests** *JOURNAL OF APPLIED PHYCOLOGY*

Eger, A., Aguirre, J., Altamirano, M., Arafeh-Dalmau, N., Arroyo, N., Bauer-Civiello, A. M., Beas-Luna, R., Bekkby, T., Bennett, S., Bernal, B., Blain, C. O., Boada, J., Branigan, et al
2023

- **Exploring climate-induced sex-based differences in aquatic and terrestrial ecosystems to mitigate biodiversity loss.** *Nature communications*
Gissi, E., Schiebinger, L., Hadly, E. A., Crowder, L. B., Santoleri, R., Micheli, F.
2023; 14 (1): 4787

- **Oxygen availability and body mass modulate ectotherm responses to ocean warming.** *Nature communications*
Duncan, M. I., Micheli, F., Boag, T. H., Marquez, J. A., Deres, H., Deutsch, C. A., Sperling, E. A.
2023; 14 (1): 3811

- **Vulnerability of blue foods to human-induced environmental change** *NATURE SUSTAINABILITY*
Cao, L., Halpern, B. S., Troell, M., Short, R., Zeng, C., Jiang, Z., Liu, Y., Zou, C., Liu, C., Liu, S., Liu, X., Cheung, W. W. L., Cottrell, et al
2023

- **Consumers decrease variability across space and turnover through time during coral reef succession.** *Oecologia*
McDevitt-Irwin, J. M., McCauley, D. J., Brumbaugh, D. R., Elmer, F., Ferretti, F., Joyce, F. H., White, T. D., Wible, J. G., Micheli, F.
2023

- **Sex analysis in marine biological systems: insights and opportunities** *FRONTIERS IN ECOLOGY AND THE ENVIRONMENT*
Gissi, E., Schiebinger, L., Santoleri, R., Micheli, F.
2023

- **Multi-taxa marine isoscapes provide insight into large-scale trophic dynamics in the North Pacific** *PROGRESS IN OCEANOGRAPHY*
Arnoldi, N. S., Litvin, S. Y., Madigan, D. J., Micheli, F., Carlisle, A.
2023; 213

- **Four ways blue foods can help achieve food system ambitions across nations.** *Nature*
Crona, B. I., Wassenius, E., Jonell, M., Koehn, J. Z., Short, R., Tigchelaar, M., Daw, T. M., Golden, C. D., Gephart, J. A., Allison, E. H., Bush, S. R., Cao, L., Cheung, et al
2023

- **Exploring multiple stressor effects with Ecopath, Ecosim, and Ecospace: Research designs, modeling techniques, and future directions.** *The Science of the total environment*
Stock, A., Murray, C. C., Gregr, E., Steenbeek, J., Woodburn, E., Micheli, F., Christensen, V., Chan, K. M.
2023: 161719

- **Comparing spatial patterns of marine vessels between vessel-tracking data and satellite imagery** *FRONTIERS IN MARINE SCIENCE*
Nakayama, S., Dong, W., Correro, R. G. G., Selig, E. R. R., Wabnitz, C. C. C., Hastie, T. J. J., Leape, J., Yeung, S., Micheli, F.
2023; 9

- **Marine protected areas' positive effect on fish biomass persists across the steep climatic gradient of the Mediterranean Sea** *JOURNAL OF APPLIED ECOLOGY*
Frid, O., Malamud, S., Di Franco, A., Guidetti, P., Azzurro, E., Claudet, J., Micheli, F., Yahel, R., Sala, E., Belmaker, J.
2023

- **Priorities for synthesis research in ecology and environmental science** *ECOSPHERE*
Halpern, B. S., Boettiger, C., Dietze, M. C., Gephart, J. A., Gonzalez, P., Grimm, N. B., Groffman, P. M., Gurevitch, J., Hobbie, S. E., Komatsu, K. J., Kroeker, K. J., Lahr, H. J., Lodge, et al
2023; 14 (1)

- **Shortfalls in the protection of persistent bull kelp forests in the USA** *BIOLOGICAL CONSERVATION*
Arafeh-Dalmau, N., Olguin-Jacobson, C., Bell, T. W., Micheli, F., Cavanaugh, K. C.
2023; 283

- **Data-poor ecological risk assessment of multiple stressors** *Ecological Informatics*
Grewelle, R. E., Mansfield, E., Micheli, F., De Leo, G.
2023

- **Linking multiple stressor science to policy opportunities through network modeling** *MARINE POLICY*

Wedding, L. M., Green, S. J., Reiter, S., Arrigo, K. R., Hazen, L., Ruckelshaus, M., van der Grient, J. A., Bailey, R. M., Cameron, M. A., Leape, J., Levi, M., Merkl, A., Mills, et al
2022; 146

- **Aquaculture over-optimism?** *FRONTIERS IN MARINE SCIENCE*
  Sumaila, U., Pierruci, A., Oyinlola, M. A., Cannas, R., Froese, R., Glaser, S., Jacquet, J., Kaiser, B. A., Issifu, I., Micheli, F., Naylor, R., Pauly, D.
  2022; 9
- **Using a social-ecological systems perspective to identify context specific actions to build resilience in small scale fisheries in Mexico** *FRONTIERS IN MARINE SCIENCE*
  Valdez-Rojas, C., Beas-Luna, R., Lorda, J., Zepeda-Dominguez, J. A., Montano-Moctezuma, G., Medellin-Ortiz, A., Torre, J., Micheli, F.
  2022; 9
- **OceanOptimism: Balancing the narrative about the future of the ocean (vol 9, 886027, 2022)** *FRONTIERS IN MARINE SCIENCE*
  Borja, A., Elliott, M., Basurko, O. C., Muerza, A., Micheli, F., Zimmermann, F., Knowlton, N.
  2022; 9
- **Trophic ecology of an abundant kelp forest echinoderm, the bat star Patiria miniata** *MARINE ECOLOGY PROGRESS SERIES*
  Cryan, D. M., Low, N. H. N., Litvin, S. Y., Osenberg, C. W., Micheli, F.
  2022; 696: 57-68
- **#OceanOptimism: Balancing the Narrative About the Future of the Ocean** *FRONTIERS IN MARINE SCIENCE*
  Borja, A., Elliott, M., Basurko, O. C., Muerza, A., Micheli, F., Zimmermann, F., Knowlton, N.
  2022; 9
- **Variability in grazing on juvenile giant kelp throughout an upwelling season** *MARINE ECOLOGY PROGRESS SERIES*
  Ng, C. A., Micheli, F.
  2022; 693: 83-93
- **Influence of Kelp Forest Biomass on Nearshore Currents** *JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS*
  Monismith, S. G., Alnajjar, M. W., Woodson, C., Boch, C. A., Hernandez, A., Vazquez-Vera, L., Bell, T. W., Micheli, F.
  2022; 127 (7)
- **The vital roles of blue foods in the global food system** *GLOBAL FOOD SECURITY-AGRICULTURE POLICY ECONOMICS AND ENVIRONMENT*
  Tigchelaar, M., Leape, J., Micheli, F., Allison, E. H., Basurto, X., Bennett, A., Bush, S. R., Cao, L., Cheung, W. W. L., Crona, B., DeClerck, F., Fanzo, J., Gelcich, et al
  2022; 33
- **Greater resilience of reef fish assemblages in a no-take reserve compared to multi-use areas of the Gulf of California** *PROGRESS IN OCEANOGRAPHY*
  Ramirez-Ortiz, G., Balart, E. F., Reyes-Bonilla, H., Huato-Soberanis, L., Cortes-Fuentes, C., Micheli, F.
  2022; 204
- **A Scientific Synthesis of Marine Protected Areas in the United States: Status and Recommendations** *FRONTIERS IN MARINE SCIENCE*
  Sullivan-Stack, J., Aburto-Oropeza, O., Brooks, C. M., Cabral, R. B., Caselle, J. E., Chan, F., Duffy, J., Dunn, D. C., Friedlander, A. M., Fulton-Bennett, H. K., Gaines, S. D., Gerber, L. R., Hines, et al
  2022; 9
- **Resilient consumers accelerate the plant decomposition in a naturally acidified seagrass ecosystem.** *Global change biology*
  Lee, J., Gambi, M. C., Kroeker, K. J., Munari, M., Peay, K., Micheli, F.
  2022
- **Modelling the effect of habitat and fishing heterogeneity on the performance of a Total Allowable Catch-regulated fishery** *ICES JOURNAL OF MARINE SCIENCE*
  Pourtois, J. D., Provost, M. M., Micheli, F., De Leo, G. A.
  2022
- **Life history mediates the association between parasite abundance and geographic features.** *The Journal of animal ecology*
  Williams, M. A., Faiad, S., Claar, D. C., French, B., Leslie, K. L., Oven, E., Guerra, A. S., Micheli, F., Zgliczynski, B. J., Haupt, A. J., Sandin, S. A., Wood, C. L.

2022

- **Local practices and production confer resilience to rural Pacific food systems during the COVID-19 pandemic.** *Marine policy*
  Ferguson, C. E., Tuxson, T., Mangubhai, S., Jupiter, S., Govan, H., Bonito, V., Alefaio, S., Anjiga, M., Booth, J., Boslogo, T., Boso, D., Brenier, A., Caginitoba, et al
  1800; 137: 104954

- **Rapid recovery of depleted abalone in Isla Natividad, Baja California, Mexico** *ECOSPHERE*
  Smith, A., Aguilar, J., Boch, C., De Leo, G., Hernandez-Velasco, A., Houck, S., Martinez, R., Monismith, S., Torre, J., Woodson, C., Micheli, F.
  2022; 13 (3)

- **Data about marine area-based management tools to assess their contribution to the UN sustainable development goals.** *Data in brief*
  Gissi, E., Maes, F., Kyriazi, Z., Ruiz-Frau, A., Santos, C. F., Neumann, B., Quintela, A., Alves, F. L., Borg, S., Chen, W., Fernandes, M. d., Hadjimichael, M., Manea, et al
  1800; 40: 107704

- **Contributions of marine area-based management tools to the UN sustainable development goals** *JOURNAL OF CLEANER PRODUCTION*
  Gissi, E., Maes, F., Kyriazi, Z., Ruiz-Frau, A., Santos, C., Neumann, B., Quintela, A., Alves, F. L., Borg, S., Chen, W., Fernandes, M., Hadjimichael, M., Manea, et al
  2022; 330

- **Emergent research and priorities for shark and ray conservation** *ENDANGERED SPECIES RESEARCH*
  Jorgensen, S. J., Micheli, F., White, T. D., Van Houtan, K. S., Alfaro-Shigueto, J., Andrzejaczek, S., Arnoldi, N. S., Baum, J. K., Block, B., Britten, G. L., Butner, C., Caballero, S., Cardenosa, et al
  2022; 47: 171-203

- **An integrated assessment of the Good Environmental Status of Mediterranean Marine Protected Areas.** *Journal of environmental management*
  Fraschetti, S., Fabbrizzi, E., Tamburello, L., Uyarra, M. C., Micheli, F., Sala, E., Pipitone, C., Badalamenti, F., Bevilacqua, S., Boada, J., Cebrian, E., Ceccherelli, G., Chiantore, et al
  1800; 305: 114370

- **Ecological dependencies make remote reef fish communities most vulnerable to coral loss.** *Nature communications*
  Strona, G., Beck, P. S., Cabeza, M., Fattorini, S., Guilhaumon, F., Micheli, F., Montano, S., Ovaskainen, O., Planes, S., Veech, J. A., Parravicini, V.
  1800; 12 (1): 7282

- **Integrating Biophysical, Socio-Economic and Governance Principles Into Marine Reserve Design and Management in Mexico: From Theory to Practice** *FRONTIERS IN MARINE SCIENCE*
  de la Mora, M., Bennett, N. J., Fulton, S., Munguia-Vega, A., Lasch-Thaler, C., Walther-Mendoza, M., Zepeda-Dominguez, J., Finkbeiner, E., Green, A. L., Suarez, A., Weaver, A., Figueroa Carranza, A. R., Vega Velazquez, et al
  2021; 8

- **Who wins or loses matters: Strongly interacting consumers drive seagrass resistance under ocean acidification.** *The Science of the total environment*
  Lee, J., Hughes, B. B., Kroeker, K. J., Owens, A., Wong, C., Micheli, F.
  2021: 151594

- **Harnessing the diversity of small-scale actors is key to the future of aquatic food systems (vol 2, pg 733, 2021)** *NATURE FOOD*
  Short, R. E., Gelcich, S., Little, D. C., Micheli, F., Allison, E. H., Basurto, X., Belton, B., Brugere, C., Bush, S. R., Cao, L., Crona, B., Cohen, P. J., Defeo, et al
  2021

- **Author Correction: Harnessing the diversity of small-scale actors is key to the future of aquatic food systems.** *Nature food*
  Short, R. E., Gelcich, S., Little, D. C., Micheli, F., Allison, E. H., Basurto, X., Belton, B., Brugere, C., Bush, S. R., Cao, L., Crona, B., Cohen, P. J., Defeo, et al
  2021; 2 (10): 828

- **Harnessing the diversity of small-scale actors is key to the future of aquatic food systems** *NATURE FOOD*
  Short, R. E., Gelcich, S., Little, D. C., Micheli, F., Allison, E. H., Basurto, X., Belton, B., Brugere, C., Bush, S. R., Cao, L., Crona, B., Cohen, P. J., Defeo, et al
  2021

- **Compound climate risks threaten aquatic food system benefits** *NATURE FOOD*
  Tigchelaar, M., Cheung, W. W. L., Mohammed, E., Phillips, M. J., Payne, H. J., Selig, E. R., Wabnitz, C. C. C., Oyinlola, M. A., Frolicher, T. L., Gephart, J. A., Golden, C. D., Allison, E. H., Bennett, et al
  2021
- **Compound climate risks threaten aquatic food system benefits.** *Nature food*
  Tigchelaar, M., Cheung, W. W., Mohammed, E. Y., Phillips, M. J., Payne, H. J., Selig, E. R., Wabnitz, C. C., Oyinlola, M. A., Frölicher, T. L., Gephart, J. A., Golden, C. D., Allison, E. H., Bennett, et al
  2021; 2 (9): 673-682
- **Harnessing the diversity of small-scale actors is key to the future of aquatic food systems.** *Nature food*
  Short, R. E., Gelcich, S., Little, D. C., Micheli, F., Allison, E. H., Basurto, X., Belton, B., Brugere, C., Bush, S. R., Cao, L., Crona, B., Cohen, P. J., Defeo, et al
  2021; 2 (9): 733-741
- **Southward decrease in the protection of persistent giant kelp forests in the northeast Pacific** *COMMUNICATIONS EARTH & ENVIRONMENT*
  Arafeh-Dalmau, N., Cavanaugh, K. C., Possingham, H. P., Munguia-Vega, A., Montano-Moctezuma, G., Bell, T. W., Cavanaugh, K., Micheli, F.
  2021; 2 (1)
- **Variable coastal hypoxia exposure and drivers across the southern California Current.** *Scientific reports*
  Low, N. H., Micheli, F., Aguilar, J. D., Arce, D. R., Boch, C. A., Bonilla, J. C., Bracamontes, M. A., De Leo, G., Diaz, E., Enriquez, E., Hernandez, A., Martinez, R., Mendoza, et al
  2021; 11 (1): 10929
- **Redefining risk in data-poor fisheries** *FISH AND FISHERIES*
  Grewelle, R. E., Mansfield, E., Micheli, F., De Leo, G.
  2021
- **Persistent gender bias in marine science and conservation calls for action to achieve equity** *BIOLOGICAL CONSERVATION*
  Giakoumi, S., Pita, C., Coll, M., Fraschetti, S., Gissi, E., Katara, I., Lloret-Lloret, E., Rossi, F., Portman, M., Stelzenmueller, V., Micheli, F.
  2021; 257
- **In Memoriam Charles Henry Peterson** *MARINE ECOLOGY PROGRESS SERIES*
  Lenihan, H. S., Grabowski, J., Micheli, F.
  2021; 659: 2
- **Correction to: Coupled beta diversity patterns among coral reef benthic taxa.** *Oecologia*
  McDevitt-Irwin, J. M., Kappel, C. n., Harborne, A. R., Mumby, P. J., Brumbaugh, D. R., Micheli, F. n.
  2021
- **WTO must ban harmful fisheries subsidies.** *Science (New York, N.Y.)*
  Sumaila, U. R., Skerritt, D. J., Schuhbauer, A., Villasante, S., Cisneros-Montemayor, A. M., Sinan, H., Burnside, D., Abdallah, P. R., Abe, K., Addo, K. A., Adelsheim, J., Adewumi, I. J., Adeyemo, et al
  2021; 374 (6567): 544
- **Mediterranean rocky reefs in the Anthropocene: Present status and future concerns.** *Advances in marine biology*
  Bevilacqua, S., Airoldi, L., Ballesteros, E., Benedetti-Cecchi, L., Boero, F., Bulleri, F., Cebrian, E., Cerrano, C., Claudet, J., Colloca, F., Coppari, M., Di Franco, A., Fraschetti, et al
  2021; 89: 1-51
- **Derivation of Red Tide Index and Density Using Geostationary Ocean Color Imager (GOCI) Data** *REMOTE SENSING*
  Lee, M., Park, K., Micheli, F.
  2021; 13 (2)
- **Coupled beta diversity patterns among coral reef benthic taxa.** *Oecologia*
  McDevitt-Irwin, J. M., Kappel, C. n., Harborne, A. R., Mumby, P. J., Brumbaugh, D. R., Micheli, F. n.
  2021
- **A review of a decade of lessons from one of the world's largest MPAs: conservation gains and key challenges** *MARINE BIOLOGY*
  Hays, G. C., Koldewey, H. J., Andrzejaczek, S., Attrill, M. J., Barley, S., Bayley, D. T. I., Benkwitt, C. E., Block, B., Schallert, R. J., Carlisle, A. B., Carr, P., Chapple, T. K., Collins, et al

2020; 167 (11)

- **Effects of marine noise pollution on Mediterranean fishes and invertebrates: A review.** *Marine pollution bulletin*
  Di Franco, E., Pierson, P., Di Iorio, L., Calo, A., Cottalorda, J. M., Derijard, B., Di Franco, A., Galve, A., Guibbolini, M., Lebrun, J., Micheli, F., Priouzeau, F., Risso-de Faverney, et al
  2020; 159: 111450

- **Comparison of Cloud-Filling Algorithms for Marine Satellite Data** *REMOTE SENSING*
  Stock, A., Subramaniam, A., Van Dijken, G. L., Wedding, L. M., Arrigo, K. R., Mills, M. M., Cameron, M. A., Micheli, F.
  2020; 12 (20)

- **Geographic variation in responses of kelp forest communities of the California Current to recent climatic changes.** *Global change biology*
  Beas-Luna, R., Micheli, F., Woodson, C. B., Carr, M., Malone, D., Torre, J., Boch, C., Caselle, J. E., Edwards, M., Freiwald, J., Hamilton, S. L., Hernandez, A., Konar, et al
  2020

- **A low-cost modular control system for multistressor experiments** *LIMNOLOGY AND OCEANOGRAPHY-METHODS*
  Low, N. H. N., Ng, C. A., Micheli, F.
  2020

- **Downscaling global ocean climate models improves estimates of exposure regimes in coastal environments.** *Scientific reports*
  Fagundes, M., Litvin, S. Y., Micheli, F., De Leo, G., Boch, C. A., Barry, J. P., Omidvar, S., Woodson, C. B.
  2020; 10 (1): 14227

- **Field stations as sentinels of change** *FRONTIERS IN ECOLOGY AND THE ENVIRONMENT*
  Micheli, F., Carlton, J., Pearse, J., Selgrath, J., Elahi, R., Watanabe, J., Mach, M., McDevitt-Irwin, J., Pearse, V., Burnett, N., Baxter, C.
  2020; 18 (6): 320–21

- **Modelled effects of prawn aquaculture on poverty alleviation and schistosomiasis control.** *Nature sustainability*
  Hoover, C. M., Sokolow, S. H., Kemp, J., Sanchirico, J. N., Lund, A. J., Jones, I. J., Higginson, T., Riveau, G., Savaya, A., Coyle, S., Wood, C. L., Micheli, F., Casagrandi, et al
  2020; 2 (7): 611-620

- **The Status of Coastal Benthic Ecosystems in the Mediterranean Sea: Evidence From Ecological Indicators** *FRONTIERS IN MARINE SCIENCE*
  Bevilacqua, S., Katsanevakis, S., Micheli, F., Sala, E., Rilov, G., Sara, G., Malak, D., Abdulla, A., Gerovasileiou, V., Gissi, E., Mazaris, A. D., Pipitone, C., Sini, et al
  2020; 7

- **Abalone populations are most sensitive to environmental stress effects on adult individuals** *MARINE ECOLOGY PROGRESS SERIES*
  Aalto, E. A., Barry, J. P., Boch, C. A., Litvin, S. Y., Micheli, F., Woodson, C. B., De Leo, G. A.
  2020; 643: 75–85

- **Models with environmental drivers offer a plausible mechanism for the rapid spread of infectious disease outbreaks in marine organisms.** *Scientific reports*
  Aalto, E. A., Lafferty, K. D., Sokolow, S. H., Grewelle, R. E., Ben-Horin, T., Boch, C. A., Raimondi, P. T., Bograd, S. J., Hazen, E. L., Jacox, M. G., Micheli, F., De Leo, G. A.
  2020; 10 (1): 5975

- **Shark fin trade bans and sustainable shark fisheries** *CONSERVATION LETTERS*
  Ferretti, F., Jacoby, D. M. P., Pfleger, M. O., White, T. D., Dent, F., Micheli, F., Rosenberg, A. A., Crowder, L. B., Block, B. A.
  2020

- **Mediterranean marine protected areas have higher biodiversity via increased evenness, not abundance** *JOURNAL OF APPLIED ECOLOGY*
  Blowes, S. A., Chase, J. M., Di Franco, A., Frid, O., Gotelli, N. J., Guidetti, P., Knight, T. M., May, F., McGlinn, D. J., Micheli, F., Sala, E., Belmaker, J.
  2020

- **Synergistic interactions among growing stressors increase risk to an Arctic ecosystem.** *Nature communications*
  Arrigo, K. R., van Dijken, G. L., Cameron, M. A., van der Grient, J., Wedding, L. M., Hazen, L., Leape, J., Leonard, G., Merkl, A., Micheli, F., Mills, M. M., Monismith, S., Ouellette, et al
  2020; 11 (1): 6255

- **Size-dependent vulnerability to herbivory in a coastal foundation species.** *Oecologia*
  Ng, C. A., Micheli, F. n.
  2020

- **Marine heat waves threaten kelp forests.** *Science (New York, N.Y.)*
  Arafeh-Dalmau, N., Schoeman, D. S., Montano-Moctezuma, G., Micheli, F., Rogers-Bennett, L., Olguin-Jacobson, C., Possingham, H. P.
  2020; 367 (6478): 635

- **The effects of depth and diet on red abalone growth and survival in cage mariculture at San Jeronimo Island, Baja California, Mexico**
  Bauer, J., Lorda, J., Beas-Luna, R., Malpica-Cruz, L., Lafarga-De la Cruz, F., Micheli, F., Searcy-Bernal, R., Rogers-Bennett, L., Bracamontes-Peralta, M.
  INST INVESTIGACIONES OCEANOLOGICAS, U A B C.2020: 343–57

- **Reduced fish diversity despite increased fish biomass in a Gulf of California Marine Protected Area.** *PeerJ*
  Ramírez-Ortiz, G. n., Reyes-Bonilla, H. n., Balart, E. F., Olivier, D. n., Huato-Soberanis, L. n., Micheli, F. n., Edgar, G. J.
  2020; 8: e8885

- **Short- and long-term impacts of variable hypoxia exposures on kelp forest sea urchins.** *Scientific reports*
  Low, N. H., Micheli, F. n.
  2020; 10 (1): 2632

- **Tracking the response of industrial fishing fleets to large marine protected areas in the Pacific Ocean.** *Conservation biology : the journal of the Society for Conservation Biology*
  White, T. D., Ong, T. n., Ferretti, F. n., Block, B. A., McCauley, D. J., Micheli, F. n., De Leo, G. A.
  2020

- **COVID-19 reveals vulnerability of small-scale fisheries to global market systems.** *The Lancet. Planetary health*
  Knight, C. J., Burnham, T. L., Mansfield, E. J., Crowder, L. B., Micheli, F. n.
  2020; 4 (6): e219

- **Short-term effects of hypoxia are more important than effects of ocean acidification on grazing interactions with juvenile giant kelp (Macrocystis pyrifera).** *Scientific reports*
  Ng, C. A., Micheli, F. n.
  2020; 10 (1): 5403

- **Ocean acidification causes variable trait shifts in a coral species.** *Global change biology*
  Teixidó, N. n., Caroselli, E. n., Alliouane, S. n., Ceccarelli, C. n., Comeau, S. n., Gattuso, J. P., Fici, P. n., Micheli, F. n., Mirasole, A. n., Monismith, S. G., Munari, M. n., Palumbi, S. R., Sheets, et al
  2020

- **Abundance and distribution of the white shark in the Mediterranean Sea** *FISH AND FISHERIES*
  Moro, S., Jona-Lasinio, G., Block, B., Micheli, F., De Leo, G., Serena, F., Bottaro, M., Scacco, U., Ferretti, F.
  2019

- **Recent pace of change in human impact on the world's ocean.** *Scientific reports*
  Halpern, B. S., Frazier, M., Afflerbach, J., Lowndes, J. S., Micheli, F., O'Hara, C., Scarborough, C., Selkoe, K. A.
  2019; 9 (1): 11609

- **Modelled effects of prawn aquaculture on poverty alleviation and schistosomiasis control** *NATURE SUSTAINABILITY*
  Hoover, C. M., Sokolow, S. H., Kemp, J., Sanchirico, J. N., Lund, A. J., Jones, I. J., Higginson, T., Riveau, G., Savaya, A., Coyle, S., Wood, C. L., Micheli, F., Casagrandi, et al
  2019; 2 (7): 611–20

- **Chemistry of the consumption and excretion of the bumphead parrotfish (Bolbometopon muricatum), a coral reef mega-consumer** *CORAL REEFS*
  Goldberg, E., Raab, T. K., Desalles, P., Briggs, A. A., Dunbar, R. B., Millero, F. J., Woosley, R. J., Young, H. S., Micheli, F., Mccauley, D. J.
  2019; 38 (2): 347–57

- **Quantifying coconut palm extent on Pacific islands using spectral and textural analysis of very high resolution imagery** *INTERNATIONAL JOURNAL OF REMOTE SENSING*
  Burnett, M. W., White, T. D., McCauley, D. J., De Leo, G. A., Micheli, F.

2019

- **Harnessing marine microclimates for climate change adaptation and marine conservation** *CONSERVATION LETTERS*
  Woodson, C., Micheli, F., Boch, C., Al-Najjar, M., Espinoza, A., Hernandez, A., Vazquez-Vera, L., Saenz-Arroyo, A., Monismith, S. G., Torre, J.
  2019; 12 (2)

- **Catastrophic Mortality, Allee Effects, and Marine Protected Areas** *AMERICAN NATURALIST*
  Aalto, E. A., Micheli, F., Boch, C. A., Montes, J., Woodson, C., De Leo, G. A.
  2019; 193 (3): 391–408

- **Incorporating change in marine spatial planning: A review** *ENVIRONMENTAL SCIENCE & POLICY*
  Gissi, E., Fraschetti, S., Micheli, F.
  2019; 92: 191–200

- **From Fishing Fish to Fishing Data: The Role of Artisanal Fishers in Conservation and Resource Management in Mexico** *VIABILITY AND SUSTAINABILITY OF SMALL-SCALE FISHERIES IN LATIN AMERICA AND THE CARIBBEAN*
  Fulton, S., Hernandez-Velasco, A., Suarez-Castillo, A., Fernandez-Rivera Melo, F., Rojo, M., Saenz-Arroyo, A., Hudson Weaver, A., Cudney-Bueno, R., Micheli, F., Torre, J.
  edited by Salas, S., BarraganPaladines, M. J., Chuenpagdee, R.
  2019; 19: 151–75

- **An interdisciplinary evaluation of community-based TURF-reserves.** *PloS one*
  Villaseñor-Derbez, J. C., Aceves-Bueno, E. n., Fulton, S. n., Suarez, A. n., Hernández-Velasco, A. n., Torre, J. n., Micheli, F. n.
  2019; 14 (8): e0221660

- **Functional biodiversity loss along natural CO2 gradients** *NATURE COMMUNICATIONS*
  Teixido, N., Gambi, M., Parravacini, V., Kroeker, K., Micheli, F., Villeger, S., Ballesteros, E.
  2018; 9

- **The effects of intensive aquaculture on nutrient residence time and transport in a coastal embayment** *ENVIRONMENTAL FLUID MECHANICS*
  Wang, B., Cao, L., Micheli, F., Naylor, R. L., Fringer, O. B.
  2018; 18 (6): 1321–49

- **Author Correction: Ecological effects of full and partial protection in the crowded Mediterranean Sea: a regional meta-analysis.** *Scientific reports*
  Giakoumi, S., Scianna, C., Plass-Johnson, J., Micheli, F., Grorud-Colvert, K., Thiriet, P., Claudet, J., Di Carlo, G., Di Franco, A., Gaines, S. D., Garcia-Charton, J. A., Lubchenco, J., Reimer, et al
  2018; 8 (1): 17644

- **Sea pens in the Mediterranean Sea: habitat suitability and opportunities for ecosystem recovery (vol 75, pg 1722, 2018)** *ICES JOURNAL OF MARINE SCIENCE*
  Bastari, A., Pica, D., Ferretti, F., Micheli, F., Cerrano, C.
  2018; 75 (6): 2289–91

- **Mapping ecological indicators of human impact with statistical and machine learning methods: Tests on the California coast** *ECOLOGICAL INFORMATICS*
  Stock, A., Haupt, A. J., Mach, M. E., Micheli, F.
  2018; 48: 37–47

- **Ocean Solutions to Address Climate Change and Its Effects on Marine Ecosystems** *FRONTIERS IN MARINE SCIENCE*
  Gattuso, J., Magnan, A. K., Bopp, L., Cheung, W. W. L., Duarte, C. M., Hinkel, J., Mcleod, E., Micheli, F., Oschlies, A., Williamson, P., Bille, R., Chalastani, V. I., Gates, et al
  2018; 5

- **Leveraging vessel traffic data and a temporary fishing closure to inform marine management** *FRONTIERS IN ECOLOGY AND THE ENVIRONMENT*
  Elahi, R., Ferretti, F., Bastari, A., Cerrano, C., Colloca, F., Kowalik, J., Ruckelshaus, M., Struck, A., Micheli, F.
  2018; 16 (8): 440–45

- **Harnessing cross-border resources to confront climate change** *ENVIRONMENTAL SCIENCE & POLICY*

Aburto-Oropeza, O., Johnson, A. F., Agha, M., Allen, E. B., Allen, M. F., Gonzalez, J., Arenas Moreno, D. M., Beas-Luna, R., Butterfield, S., Caetano, G., Caselle, J. E., Castaneda Gaytan, G., Castorani, et al

2018; 87: 128–32

- **Human impacts decouple a fundamental ecological relationship-The positive association between host diversity and parasite diversity** *GLOBAL CHANGE BIOLOGY*

  Wood, C. L., Zgliczynski, B. J., Haupt, A. J., Guerra, A., Micheli, F., Sandin, S. A.

  2018; 24 (8): 3666–79

- **Revisiting "Success" and "Failure" Marine Protected Areas: A Conservation Scientist Perspective** *FRONTIERS IN MARINE SCIENCE*

  Giakoumi, S., McGowan, J., Mills, M., Beger, M., Bustamante, R. H., Charles, A., Christie, P., Fox, M., Garcia-Borboroglu, P., Gelcich, S., Guidetti, P., Mackelworth, P., Maina, et al

  2018; 5

- **Uncertainty analysis and robust areas of high and low modeled human impact on the global oceans.** *Conservation biology : the journal of the Society for Conservation Biology*

  Stock, A., Crowder, L. B., Halpern, B. S., Micheli, F.

  2018

- **Linking home ranges to protected area size: The case study of the Mediterranean Sea** *BIOLOGICAL CONSERVATION*

  Di Franco, A., Plass-Johnson, J. G., Di Lorenzo, M., Meola, B., Claudet, J., Gaines, S. D., Antonio Garcia-Charton, J., Giakoumi, S., Grorud-Colvert, K., Werner Hackradt, C., Micheli, F., Guidetti, P.

  2018; 221: 175–81

- **Lethal and functional thresholds of hypoxia in two key benthic grazers** *MARINE ECOLOGY PROGRESS SERIES*

  Low, N. H. N., Micheli, F.

  2018; 594: 165–73

- **Local oceanographic variability influences the performance of juvenile abalone under climate change** *SCIENTIFIC REPORTS*

  Boch, C. A., Micheli, F., AlNajjar, M., Monismith, S. G., Beers, J. M., Bonilla, J. C., Espinoza, A. M., Vazquez-Vera, L., Woodson, C. B.

  2018; 8: 5501

- **On the prevalence and dynamics of inverted trophic pyramids and otherwise top-heavy communities** *ECOLOGY LETTERS*

  McCauley, D. J., Gellner, G., Martinez, N. D., Williams, R. J., Sandin, S. A., Micheli, F., Mumby, P. J., McCann, K. S.

  2018; 21 (3): 439–54

- **Exploring trade-offs in climate change response in the context of Pacific Island fisheries** *MARINE POLICY*

  Finkbeiner, E. M., Micheli, F., Bennett, N. J., Ayers, A. L., Le Cornu, E., Doerr, A. N.

  2018; 88: 359–64

- **A user-friendly tool to evaluate the effectiveness of no-take marine reserves** *PLOS ONE*

  Villasenor-Derbez, J., Faro, C., Wright, M., Martinez, J., Fitzgerald, S., Fulton, S., Mancha-Cisneros, M., McDonald, G., Micheli, F., Suarez, A., Torre, J., Costello, C.

  2018; 13 (1): e0191821

- **A risk-based approach to cumulative effect assessments for marine management** *SCIENCE OF THE TOTAL ENVIRONMENT*

  Stelzenmueller, V., Coll, M., Mazaris, A. D., Giakoumi, S., Katsanevakis, S., Portman, M. E., Degen, R., Mackelworth, P., Gimpel, A., Albano, P. G., Almpanidou, V., Claudet, J., Essl, et al

  2018; 612: 1132–40

- **Local response to global uncertainty: Insights from experimental economics in small-scale fisheries** *GLOBAL ENVIRONMENTAL CHANGE-HUMAN AND POLICY DIMENSIONS*

  Finkbeiner, E. M., Micheli, F., Saenz-Arroyo, A., Vazquez-Vera, L., Perafan, C. A., Cardenas, J. C.

  2018; 48: 151–57

- **Functional biodiversity loss along natural CO2 gradients.** *Nature communications*

  Teixido, N., Gambi, M. C., Parravacini, V., Kroeker, K., Micheli, F., Villeger, S., Ballesteros, E.

  2018; 9 (1): 5149

- **Functional biodiversity loss along natural CO2 gradients.** *Nature communications*

  Teixido, N., Gambi, M. C., Parravacini, V., Kroeker, K., Micheli, F., Villeger, S., Ballesteros, E.

2018; 9 (1): 5149

- **"Internal tide pools" prolong kelp forest hypoxic events** *LIMNOLOGY AND OCEANOGRAPHY*
  Leary, P. R., Woodson, C., Squibb, M. E., Denny, M. W., Monismith, S. G., Micheli, F.
  2017; 62 (6): 2864–78
- **Ecological effects of full and partial protection in the crowded Mediterranean Sea: a regional meta-analysis.** *Scientific reports*
  Giakoumi, S., Scianna, C., Plass-Johnson, J., Micheli, F., Grorud-Colvert, K., Thiriet, P., Claudet, J., Di Carlo, G., Di Franco, A., Gaines, S. D., García-Charton, J. A., Lubchenco, J., Reimer, et al
  2017; 7 (1): 8940
- **Calcifying algae maintain settlement cues to larval abalone following algal exposure to extreme ocean acidification.** *Scientific reports*
  O'Leary, J. K., Barry, J. P., Gabrielson, P. W., Rogers-Bennett, L., Potts, D. C., Palumbi, S. R., Micheli, F.
  2017; 7 (1): 5774
- **Effects of current and future coastal upwelling conditions on the fertilization success of the red abalone (Haliotis rufescens)** *ICES JOURNAL OF MARINE SCIENCE*
  Boch, C. A., Litvin, S. Y., Micheli, F., De Leo, G., Aalto, E. A., Lovera, C., Woodson, C., Monismith, S., Barry, J. P.
  2017; 74 (4): 1125–34
- **Empiricism and Modeling for Marine Fisheries: Advancing an Interdisciplinary Science** *ECOSYSTEMS*
  Essington, T. E., Ciannelli, L., Heppell, S. S., Levin, P. S., McClanahan, T. R., Micheli, F., Plaganyi, E. E., van Putten, I. E.
  2017; 20 (2): 237-244
- **Assessment and management of cumulative impacts in California's network of marine protected areas** *OCEAN & COASTAL MANAGEMENT*
  Mach, M. E., Wedding, L. M., Reiter, S. M., Micheli, F., Fujita, R. M., Martone, R. G.
  2017; 137: 1-11
- **The Resilience of Marine Ecosystems to Climatic Disturbances** *BIOSCIENCE*
  O'Leary, J. K., Micheli, F., Airoldi, L., Boch, C., De Leo, G., Elahi, R., Ferretti, F., Graham, N. A., Litvin, S. Y., Low, N. H., Lummis, S., Nickols, K. J., Wong, et al
  2017; 67 (3): 208-220
- **Identifying potential consequences of natural perturbations and management decisions on a coastal fishery social-ecological system using qualitative loop analysis** *ECOLOGY AND SOCIETY*
  Martone, R. G., Bodini, A., Micheli, F.
  2017; 22 (1)
- **Space invaders; biological invasions in marine conservation planning** *DIVERSITY AND DISTRIBUTIONS*
  Giakoumi, S., Guilhaumon, F., Kark, S., Terlizzi, A., Claudet, J., Felline, S., Cerrano, C., Coll, M., Danovaro, R., Fraschetti, S., Koutsoubas, D., Ledoux, J., Mazor, et al
  2016; 22 (12): 1220-1231
- **Global patterns of kelp forest change over the past half-century** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Krumhans, K. A., Okamoto, D. K., Rassweiler, A., Novak, M., Bolton, J. J., Cavanaugh, K. C., Connell, S. D., Johnson, C. R., Konar, B., Ling, S. D., Micheli, F., Norderhaug, K. M., Perez-Matus, et al
  2016; 113 (48): 13785-13790
- **Global patterns of kelp forest change over the past half-century.** *Proceedings of the National Academy of Sciences of the United States of America*
  Krumhansl, K. A., Okamoto, D. K., Rassweiler, A., Novak, M., Bolton, J. J., Cavanaugh, K. C., Connell, S. D., Johnson, C. R., Konar, B., Ling, S. D., Micheli, F., Norderhaug, K. M., Pérez-Matus, et al
  2016; 113 (48): 13785-13790
- **Effects of model assumptions and data quality on spatial cumulative human impact assessments** *GLOBAL ECOLOGY AND BIOGEOGRAPHY*
  Stock, A., Micheli, F.
  2016; 25 (11): 1321-1332
- **Coralline algae in a naturally acidified ecosystem persist by maintaining control of skeletal mineralogy and size** *PROCEEDINGS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*

Kamenos, N. A., Perna, G., Gambi, M. C., Micheli, F., Kroeker, K. J.
2016; 283 (1840)

- **Use of high-resolution acoustic cameras to study reef shark behavioral ecology** *JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY*
  McCauley, D. J., DeSalles, P. A., Young, H. S., Gardner, J. P., Micheli, F.
  2016; 482: 128-133
- **Falling through the cracks: the fading history of a large iconic predator** *FISH AND FISHERIES*
  Ferretti, F., Morey Verd, G., Seret, B., Sprem, J. S., Micheli, F.
  2016; 17 (3): 875-889
- **Between control and complexity: opportunities and challenges for marine mesocosms** *FRONTIERS IN ECOLOGY AND THE ENVIRONMENT*
  Sagarin, R. D., Adams, J., Blanchette, C. A., Brusca, R. C., Chorover, J., Cole, J. E., Micheli, F., Munguia-Vega, A., Rochman, C. M., Bonine, K., van Haren, J., Troch, P. A.
  2016; 14 (7): 389-396
- **Large marine protected areas (LMPAs) in the Mediterranean Sea: The opportunity of the Adriatic Sea** *MARINE POLICY*
  Bastari, A., Micheli, F., Ferretti, F., Pusceddu, A., Cerrano, C.
  2016; 68: 165-177
- **Combined impacts of natural and human disturbances on rocky shore communities** *OCEAN & COASTAL MANAGEMENT*
  Micheli, F., Heiman, K. W., Kappel, C. V., Martone, R. G., Sethi, S. A., Osio, G. C., Fraschetti, S., Shelton, A. O., Tanner, J. M.
  2016; 126: 42-50
- **Distribution and functional traits of polychaetes in a CO2 vent system: winners and losers among closely related species** *MARINE ECOLOGY PROGRESS SERIES*
  Gambi, M. C., Musco, L., Giangrande, A., Badalamenti, F., Micheli, F., Kroeker, K. J.
  2016; 550: 121-134
- **Ecology of a Vulnerable Shorebird across a Gradient of Habitat Alteration: Bristle-Thighed Curlews (Numenius tahitiensis) (Ayes: Charadriiformes) on Palmyra Atoll** *PACIFIC SCIENCE*
  Guerra, A. S., Micheli, F., Wood, C. L.
  2016; 70 (2): 159-174
- **Exploring the role of gender in common-pool resource extraction: evidence from laboratory and field experiments in fisheries** *APPLIED ECONOMICS LETTERS*
  Revollo-Fernandez, D., Aguilar-Ibarra, A., Micheli, F., Saenz-Arroyo, A.
  2016; 23 (13): 912-920
- **The good, the bad and the ugly of marine reserves for fishery yields** *PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B-BIOLOGICAL SCIENCES*
  De Leo, G. A., Micheli, F.
  2015; 370 (1681)
- **The good, the bad and the ugly of marine reserves for fishery yields.** *Philosophical transactions of the Royal Society of London. Series B, Biological sciences*
  De Leo, G. A., Micheli, F.
  2015; 370 (1681)
- **Reconciling predator conservation with public safety** *FRONTIERS IN ECOLOGY AND THE ENVIRONMENT*
  Ferretti, F., Jorgensen, S., Chapple, T. K., De Leo, G., Micheli, F.
  2015; 13 (8): 412-417
- **No-take marine reserves can enhance population persistence and support the fishery of abalone** *CANADIAN JOURNAL OF FISHERIES AND AQUATIC SCIENCES*
  Rossetto, M., Micheli, F., Saenz-Arroyo, A., Espinoza Montes, J. A., Alessandro De Leo, G.
  2015; 72 (10): 1503-1517
- **Towards a framework for assessment and management of cumulative human impacts on marine food webs** *CONSERVATION BIOLOGY*

Giakoumi, S., Halpern, B. S., Michel, L. N., Gobert, S., Sini, M., Boudouresque, C., Gambi, M., Katsanevakis, S., Lejeune, P., Montefalcone, M., Pergent, G., Pergent-Martini, C., Sanchez-Jerez, et al
2015; 29 (4): 1228-1234

- **Assessing niche width of endothermic fish from genes to ecosystem.** *Proceedings of the National Academy of Sciences of the United States of America*
  Madigan, D. J., Carlisle, A. B., Gardner, L. D., Jayasundara, N., Micheli, F., Schaefer, K. M., Fuller, D. W., Block, B. A.
  2015; 112 (27): 8350-8355
- **Productivity and fishing pressure drive variability in fish parasite assemblages of the Line Islands, equatorial Pacific** *ECOLOGY*
  Wood, C. L., Baum, J. K., Reddy, S. M., Trebilco, R., Sandin, S. A., Zgliczynski, B. J., Briggs, A. A., Micheli, F.
  2015; 96 (5): 1383-1398
- **Spatio-temporal variability of polychaete colonization at volcanic CO2 vents indicates high tolerance to ocean acidification** *MARINE BIOLOGY*
  Ricevuto, E., Kroeker, K. J., FERRIGNO, F., Micheli, F., Gambi, M. C.
  2014; 161 (12): 2909-2919
- **Fabriciidae (Annelida, Sabellida) from a naturally acidified coastal system (Italy) with description of two new species** *JOURNAL OF THE MARINE BIOLOGICAL ASSOCIATION OF THE UNITED KINGDOM*
  Giangrande, A., Gambi, M. C., Micheli, F., Kroeker, K. J.
  2014; 94 (7): 1417-1427
- **Identifying the interacting roles of stressors in driving the global loss of canopy-forming to mat-forming algae in marine ecosystems** *GLOBAL CHANGE BIOLOGY*
  Strain, E. M., Thomson, R. J., Micheli, F., Mancuso, F. P., Airoldi, L.
  2014; 20 (11): 3300-3312
- **Positive and Negative Effects of a Threatened Parrotfish on Reef Ecosystems** *CONSERVATION BIOLOGY*
  McCauley, D. J., Young, H. S., Guevara, R., Williams, G. J., Power, E. A., Dunbar, R. B., Bird, D. W., Durham, W. H., Micheli, F.
  2014; 28 (5): 1312-?
- **Positive and negative effects of a threatened parrotfish on reef ecosystems.** *Conservation biology*
  McCauley, D. J., Young, H. S., Guevara, R., Williams, G. J., Power, E. A., Dunbar, R. B., Bird, D. W., Durham, W. H., Micheli, F.
  2014; 28 (5): 1312-1321
- **Reliance of mobile species on sensitive habitats: a case study of manta rays (Manta alfredi) and lagoons** *MARINE BIOLOGY*
  McCauley, D. J., DeSalles, P. A., Young, H. S., Papastamatiou, Y. P., Caselle, J. E., Deakos, M. H., Gardner, J. P., Garton, D. W., Collen, J. D., Micheli, F.
  2014; 161 (9): 1987-1998
- **A risk-based framework for assessing the cumulative impact of multiple fisheries** *BIOLOGICAL CONSERVATION*
  Micheli, F., De Leo, G., Butner, C., Martone, R. G., Shester, G.
  2014; 176: 224-235
- **Fishing drives declines in fish parasite diversity and has variable effects on parasite abundance** *ECOLOGY*
  Wood, C. L., Sandin, S. A., Zgliczynski, B., Guerra, A. S., Micheli, F.
  2014; 95 (7): 1929-1946
- **Patterns and potential drivers of declining oxygen content along the southern California coast** *LIMNOLOGY AND OCEANOGRAPHY*
  Booth, J. A., Woodson, C. B., Sutula, M., Micheli, F., Weisberg, S. B., Bograd, S. J., Steele, A., Schoen, J., Crowder, L. B.
  2014; 59 (4): 1127-1138
- **A system-wide approach to supporting improvements in seafood production practices and outcomes** *FRONTIERS IN ECOLOGY AND THE ENVIRONMENT*
  Micheli, F., De Leo, G., Shester, G. G., Martone, R. G., Lluch-Cota, S. E., Butner, C., Crowder, L. B., Fujita, R., Gelcich, S., Jams, M., Lester, S. E., McCay, B., Pelc, et al
  2014; 12 (5): 297-305
- **The effectiveness of coral reefs for coastal hazard risk reduction and adaptation** *NATURE COMMUNICATIONS*
  Ferrario, F., Beck, M. W., Storlazzi, C. D., Micheli, F., Shepard, C. C., Airoldi, L.

2014; 5

- **High vulnerability of ecosystem function and services to diversity loss in Caribbean coral reefs** *BIOLOGICAL CONSERVATION*
  Micheli, F., Mumby, P. J., Brumbaugh, D. R., Broad, K., Dahlgren, C. P., Harborne, A. R., Holmes, K. E., Kappel, C. V., Litvin, S. Y., Sanchirico, J. N.
  2014; 171: 186-194
- **Cooperatives, concessions, and co-management on the Pacific coast of Mexico** *MARINE POLICY*
  McCay, B. J., Micheli, F., Ponce-Diaz, G., Murray, G., Shester, G., Ramirez-Sanchez, S., Weisman, W.
  2014; 44: 49-59
- **Large-scale assessment of mediterranean marine protected areas effects on fish assemblages.** *PloS one*
  Guidetti, P., Baiata, P., Ballesteros, E., Di Franco, A., Hereu, B., Macpherson, E., Micheli, F., Pais, A., Panzalis, P., Rosenberg, A. A., Zabala, M., Sala, E.
  2014; 9 (4)
- **Cumulative Human Impacts on Mediterranean and Black Sea Marine Ecosystems: Assessing Current Pressures and Opportunities** *PLOS ONE*
  Micheli, F., Halpern, B. S., Walbridge, S., Ciriaco, S., Ferretti, F., Fraschetti, S., Lewison, R., Nykjaer, L., Rosenberg, A. A.
  2013; 8 (12)
- **Marine protected areas facilitate parasite populations among four fished host species of central Chile.** *journal of animal ecology*
  Wood, C. L., Micheli, F., Fernández, M., Gelcich, S., Castilla, J. C., Carvajal, J.
  2013; 82 (6): 1276-1287
- **Marine protected areas facilitate parasite populations among four fished host species of central Chile** *JOURNAL OF ANIMAL ECOLOGY*
  Wood, C. L., Micheli, F., Fernandez, M., Gelcich, S., Carlos Castilla, J., Carvajal, J.
  2013; 82 (6): 1276-1287
- **Conservation at the edges of the world** *BIOLOGICAL CONSERVATION*
  McCauley, D. J., Power, E. A., Bird, D. W., McInturff, A., Dunbar, R. B., Durham, W. H., Micheli, F., Young, H. S.
  2013; 165: 139-145
- **Linking human activity and ecosystem condition to inform marine ecosystem based management** *AQUATIC CONSERVATION-MARINE AND FRESHWATER ECOSYSTEMS*
  Menzel, S., Kappel, C. V., Broitman, B. R., Micheli, F., Rosenberg, A. A.
  2013; 23 (4): 506-514
- **Community dynamics and ecosystem simplification in a high-CO2 ocean** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Kroeker, K. J., Gambi, M. C., Micheli, F.
  2013; 110 (31): 12721-12726
- **Ecomarkets for conservation and sustainable development in the coastal zone** *BIOLOGICAL REVIEWS*
  Fujita, R., Lynham, J., Micheli, F., Feinberg, P. G., Bourillon, L., Saenz-Arroyo, A., Markham, A. C.
  2013; 88 (2): 273-286
- **Decreased solar radiation and increased temperature combine to facilitate fouling by marine non-indigenous species** *BIOFOULING*
  Kim, T. W., Micheli, F.
  2013; 29 (5): 501-512
- **Dispersal at a snail's pace: historical processes affect contemporary genetic structure in the exploited wavy top snail (Megastraea undosa).** *journal of heredity*
  Haupt, A. J., Micheli, F., Palumbi, S. R.
  2013; 104 (3): 327-340
- **REPRODUCTIVE POTENTIAL CAN PREDICT RECRUITMENT RATES IN ABALONE** *JOURNAL OF SHELLFISH RESEARCH*
  Rossetto, M., De Leo, G. A., Greenley, A., Vazquez, L., Saenz-Arroyo, A., Espinoza Montes, J. A., Micheli, F.
  2013; 32 (1): 161-169
- **Ocean acidification causes ecosystem shifts via altered competitive interactions** *NATURE CLIMATE CHANGE*
  Kroeker, K. J., Micheli, F., Gambi, M. C.

2013; 3 (2): 156-159

- **Setting priorities for regional conservation planning in the Mediterranean Sea.** *PloS one*
  Micheli, F., Levin, N., Giakoumi, S., Katsanevakis, S., Abdulla, A., Coll, M., Fraschetti, S., Kark, S., Koutsoubas, D., Mackelworth, P., Maiorano, L., Possingham, H. P.
  2013; 8 (4)

- **Achieving Success under Pressure in the Conservation of Intensely Used Coastal Areas** *ECOLOGY AND SOCIETY*
  Micheli, F., Niccolini, F.
  2013; 18 (4)

- **Conserving Biodiversity in a Human-Dominated World: Degradation of Marine Sessile Communities within a Protected Area with Conflicting Human Uses.** *PloS one*
  Parravicini, V., Micheli, F., Montefalcone, M., Morri, C., Villa, E., Castellano, M., Povero, P., Bianchi, C. N.
  2013; 8 (10)

- **Conservation at the edges of the world** *Biological Conservation*
  McCauley, D., Power, E., Bird, D., Dunbar, R., Durham, W., Micheli, F., Young, H.
  2013; 165: 139-145

- **Reproductive potential predicts recruitment rates in abalones** *J Shellfish Res*
  Rossetto, M., De Leo, G., Saenz, A., Greenley, A., Vazquez, L., Espinoza, A., Micheli, F.
  2013; 32: 161-169

- **Linking human activity and ecosystem condition to inform ecosystem-based management** *Aquatic Conservation: Marine and Freshwater Ecosystems*
  Menzel, S., Kappel, C., Broitman, B., Micheli, F., Rosenberg, A.
  2013

- **Advancing marine conservation planning in the Mediterranean Sea** *REVIEWS IN FISH BIOLOGY AND FISHERIES*
  Giakoumi, S., Mazor, T., Fraschetti, S., Kark, S., Portman, M., Coll, M., Steenbeek, J., Possingham, H.
  2012; 22 (4): 943-949

- **Stable Isotope Analysis Challenges Wasp-Waist Food Web Assumptions in an Upwelling Pelagic Ecosystem** *SCIENTIFIC REPORTS*
  Madigan, D. J., Carlisle, A. B., Dewar, H., Snodgrass, O. E., Litvin, S. Y., Micheli, F., Block, B. A.
  2012; 2

- **Assessing the effects of large mobile predators on ecosystem connectivity.** *Ecological applications*
  McCauley, D. J., Young, H. S., Dunbar, R. B., Estes, J. A., Semmens, B. X., Micheli, F.
  2012; 22 (6): 1711-1717

- **Understanding relationships between conflicting human uses and coastal ecosystems status: A geospatial modeling approach** *ECOLOGICAL INDICATORS*
  Parravicini, V., Rovere, A., Vassallo, P., Micheli, F., Montefalcone, M., Morri, C., Paoli, C., Albertelli, G., Fabiano, M., Bianchi, C. N.
  2012; 19: 253-263

- **Evidence That Marine Reserves Enhance Resilience to Climatic Impacts** *PLOS ONE*
  Micheli, F., Saenz-Arroyo, A., Greenley, A., Vazquez, L., Espinoza Montes, J. A., Rossetto, M., De Leo, G. A.
  2012; 7 (7)

- **Evidence That Marine Reserves Enhance Resilience to Climatic Impacts** *PLOS ONE*
  Micheli, F., Saenz-Arroyo, A., Greenley, A., Vazquez, L., Espinoza Montes, J., Rossetto, M., De Leo, G. A.
  2012; 7 (7): e40832

- **Night Shift: Expansion of Temporal Niche Use Following Reductions in Predator Density** *PLOS ONE*
  McCauley, D. J., Hoffmann, E., Young, H. S., Micheli, F.
  2012; 7 (6)

- **Night Shift: Expansion of Temporal Niche Use Following Reductions in Predator Density** *PLOS ONE*
  McCauley, D. J., Hoffmann, E., Young, H. S., Micheli, F.
  2012; 7 (6): e38871

- **New tetranucleotide microsatellite loci in pink abalone (Haliotis corrugata) isolated via 454 pyrosequencing** *CONSERVATION GENETICS RESOURCES*
  Greenley, A. P., Muguia-Vega, A., Saenz-Arroyo, A., Micheli, F.
  2012; 4 (2): 265-268

- **From wing to wing: the persistence of long ecological interaction chains in less-disturbed ecosystems** *SCIENTIFIC REPORTS*
  McCauley, D. J., DeSalles, P. A., Young, H. S., Dunbar, R. B., Dirzo, R., Mills, M. M., Micheli, F.
  2012; 2

- **Allometric scaling of mortality rates with body mass in abalones** *OECOLOGIA*
  Rossetto, M., De Leo, G. A., Bevacqua, D., Micheli, F.
  2012; 168 (4): 989-996

- **Evaluating the performance of methods for estimating the abundance of rapidly declining coastal shark populations** *ECOLOGICAL APPLICATIONS*
  McCauley, D. J., Mclean, K. A., Bauer, J., Young, H. S., Micheli, F.
  2012; 22 (2): 385-392

- **The Structure of Mediterranean Rocky Reef Ecosystems across Environmental and Human Gradients, and Conservation Implications** *PLOS ONE*
  Sala, E., Ballesteros, E., Dendrinos, P., Di Franco, A., Ferretti, F., Foley, D., Fraschetti, S., Friedlander, A., Garrabou, J., Guclusoy, H., Guidetti, P., Halpern, B. S., Hereu, et al
  2012; 7 (2)

- **Geographic variation in demography of a temperate reef snail: importance of multiple life-history traits** *MARINE ECOLOGY PROGRESS SERIES*
  Martone, R. G., Micheli, F.
  2012; 457: 85-99

- **High-Frequency Dynamics of Ocean pH: A Multi-Ecosystem Comparison** *PLOS ONE*
  Hofmann, G. E., Smith, J. E., Johnson, K. S., Send, U., Levin, L. A., Micheli, F., Paytan, A., Price, N. N., Peterson, B., Takeshita, Y., Matson, P. G., Crook, E. D., Kroeker, et al
  2011; 6 (12)

- **Ancient art serving marine conservation** *FRONTIERS IN ECOLOGY AND THE ENVIRONMENT*
  Guidetti, P., Micheli, F.
  2011; 9 (7): 374-375

- **Divergent ecosystem responses within a benthic marine community to ocean acidification** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Kroeker, K. J., Micheli, F., Gambi, M. C., Martz, T. R.
  2011; 108 (35): 14515-14520

- **Conservation challenges for small-scale fisheries: Bycatch and habitat impacts of traps and gillnets** *BIOLOGICAL CONSERVATION*
  Shester, G. G., Micheli, F.
  2011; 144 (5): 1673-1681

- **Acute effects of removing large fish from a near-pristine coral reef** *MARINE BIOLOGY*
  McCauley, D. J., Micheli, F., Young, H. S., Tittensor, D. P., Brumbaugh, D. R., Madin, E. M., Holmes, K. E., Smith, J. E., Lotze, H. K., DeSalles, P. A., Arnold, S. N., Worm, B.
  2010; 157 (12): 2739-2750

- **Rapid assessment of epibenthic communities: A comparison between two visual sampling techniques** *JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY*
  Parravicini, V., Micheli, F., Montefalcone, M., Villa, E., Morri, C., Bianchi, C. N.
  2010; 395 (1-2): 21-29

- **The value of spatial information in MPA network design** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Costello, C., Rassweiler, A., Siegel, D., De Leo, G., Micheli, F., Rosenberg, A.
  2010; 107 (43): 18294-18299

- **Disentangling trophic interactions inside a Caribbean marine reserve** *ECOLOGICAL APPLICATIONS*
  Kellner, J. B., Litvin, S. Y., Hastings, A., Micheli, F., Mumby, P. J.
  2010; 20 (7): 1979-1992

- **Guiding ecological principles for marine spatial planning** *MARINE POLICY*
  Foley, M. M., Halpern, B. S., Micheli, F., Armsby, M. H., Caldwell, M. R., Crain, C. M., Prahler, E., Rohr, N., Sivas, D., Beck, M. W., Carr, M. H., Crowder, L. B., Duffy, et al
  2010; 34 (5): 955-966

- **Acute effects of removing large fish from a near-pristine coral reef.** *Marine biology*
  McCauley, D. J., Micheli, F., Young, H. S., Tittensor, D. P., Brumbaugh, D. R., Madin, E. M., Holmes, K. E., Smith, J. E., Lotze, H. K., DeSalles, P. A., Arnold, S. N., Worm, B.
  2010; 157 (12): 2739-2750

- **Non-native Ecosystem Engineer Alters Estuarine Communities** *INTEGRATIVE AND COMPARATIVE BIOLOGY*
  Heiman, K. W., Micheli, F.
  2010; 50 (2): 226-236

- **Using expert judgment to estimate marine ecosystem vulnerability in the California Current** *ECOLOGICAL APPLICATIONS*
  Teck, S. J., Halpern, B. S., Kappel, C. V., Micheli, F., Selkoe, K. A., Crain, C. M., Martone, R., Shearer, C., Arvai, J., Fischhoff, B., Murray, G., Neslo, R., Cooke, et al
  2010; 20 (5): 1402-1416

- **Fishing out marine parasites? Impacts of fishing on rates of parasitism in the ocean** *ECOLOGY LETTERS*
  Wood, C. L., Lafferty, K. D., Micheli, F.
  2010; 13 (6): 761-775

- **Global priority areas for incorporating land-sea connections in marine conservation** *CONSERVATION LETTERS*
  Halpern, B. S., Ebert, C. M., Kappel, C. V., Madin, E. M., Micheli, F., Perry, M., Selkoe, K. A., Walbridge, S.
  2009; 2 (4): 189-196

- **Imprint of past environmental regimes on structure and succession of a deep-sea hydrothermal vent community** *OECOLOGIA*
  Mullineaux, L. S., Micheli, F., Peterson, C. H., Lenihan, H. S., Markus, N.
  2009; 161 (2): 387-400

- **Mapping cumulative human impacts to California Current marine ecosystems** *CONSERVATION LETTERS*
  Halpern, B. S., Kappel, C. V., Selkoe, K. A., Micheli, F., Ebert, C. M., Kontgis, C., Crain, C. M., Martone, R. G., Shearer, C., Teck, S. J.
  2009; 2 (3): 138-148

- **In the Zone Comprehensive Ocean Protection** *ISSUES IN SCIENCE AND TECHNOLOGY*
  Kappel, C. V., Halpern, B. S., Martone, R. G., Micheli, F., Selkoe, K. A.
  2009; 25 (3): 33-44

- **Design of marine protected areas in a human-dominated seascape** *MARINE ECOLOGY PROGRESS SERIES*
  Fraschetti, S., D'Ambrosio, P., Micheli, F., Pizzolante, F., Bussotti, S., Terlizzi, A.
  2009; 375: 13-24

- **Biotic interactions at hydrothermal vents: Recruitment inhibition by the mussel Bathymodiolus thermophilus** *DEEP-SEA RESEARCH PART I-OCEANOGRAPHIC RESEARCH PAPERS*
  Lenihan, H. S., Mills, S. W., Mullineaux, L. S., Peterson, C. H., Fisher, C. R., Micheli, F.
  2008; 55 (12): 1707-1717

- **Tropical coastal habitats as surrogates of fish community structure, grazing, and fisheries value** *ECOLOGICAL APPLICATIONS*
  Harborne, A. R., Mumby, P. J., Kappel, C. V., Dahlgren, C. P., Micheli, F., Holmes, K. E., Brumbaugh, D. R.
  2008; 18 (7): 1689-1701

- **Response to comment on "a global map of human impact on marine ecosystems"** *SCIENCE*
  Selkoe, K. A., Kappel, C. V., Halpern, B. S., Micheli, F., D'Agrosa, C., Bruno, J., Casey, K. S., Ebert, C., Fox, H. E., Fujita, R., Heinemann, D., Lenihan, H. S., Madin, et al
  2008; 321 (5895)

- **Reserve effects and natural variation in coral reef communities** *JOURNAL OF APPLIED ECOLOGY*
  Harborne, A. R., Mumby, P. J., Kappel, C. V., Dahlgren, C. P., Micheli, F., Holmes, K. E., Sanchirico, J. N., Broad, K., Elliott, I. A., Brumbaugh, D. R.
  2008; 45 (4): 1010-1018

- **Coral reef habitats as surrogates of species, ecological functions, and ecosystem services** *CONSERVATION BIOLOGY*
  Mumby, P. J., Broad, K., Brumbaugh, D. R., Dahlgren, C. P., Harborne, A. R., Hastings, A., Holmes, K. E., Kappel, C. V., Micheli, F., Sanchirico, J. N.
  2008; 22 (4): 941-951

- **Alteration of seagrass species composition and function over two decades** *ECOLOGICAL MONOGRAPHS*
  Micheli, F., Bishop, M. J., Peterson, C. H., Rivera, J.
  2008; 78 (2): 225-244

- **Persistence of depleted abalones in marine reserves of central California** *BIOLOGICAL CONSERVATION*
  Micheli, F., Shelton, A. O., Bushinsky, S. M., Chiu, A. L., Haupt, A. J., Heiman, K. W., Kappel, C. V., Lynch, M. C., Martone, R. G., Dunbar, R. B., Watanabe, J.
  2008; 141 (4): 1078-1090

- **Understanding and predicting ecological dynamics: Are major surprises inevitable?** *ECOLOGY*
  Doak, D. F., Estes, J. A., Halpern, B. S., Jacob, U., Lindberg, D. R., Lovvorn, J., Monson, D. H., Tinker, M. T., Williams, T. M., Wootton, J. T., Carroll, I., Emmerson, M., Micheli, et al
  2008; 89 (4): 952-961

- **A global map of human impact on marine ecosystems** *SCIENCE*
  Halpern, B. S., Walbridge, S., Selkoe, K. A., Kappel, C. V., Micheli, F., D'Agrosa, C., Bruno, J. F., Casey, K. S., Ebert, C., Fox, H. E., Fujita, R., Heinemann, D., Lenihan, et al
  2008; 319 (5865): 948-952

- **Non-native habitat as home for non-native species: comparison of communities associated with invasive tubeworm and native oyster reefs** *AQUATIC BIOLOGY*
  Heiman, K. W., Vidargas, N., Micheli, F.
  2008; 2 (1): 47-56

- **MODELING STAKEHOLDER PREFERENCES WITH PROBABILISTIC INVERSION Application to Prioritizing Marine Ecosystem Vulnerabilities** *NATO Advanced Research Workshop on Risk, Uncertainly and Decision Analysis for Environmental Security and Non-Chemical Stressors*
  Neslo, R., Micheli, F., Kappel, C. V., Selkoe, K. A., Halpern, B. S., Cooke, R. M.
  SPRINGER.2008: 265–284

- **Evaluating and ranking the vulnerability of global marine ecosystems to anthropogenic threats** *CONSERVATION BIOLOGY*
  Halpern, B. S., Selkoe, K. A., Micheli, F., Kappel, C. V.
  2007; 21 (5): 1301-1315

- **Human impacts on the species-area relationship reef fish assemblages** *ECOLOGY LETTERS*
  Tittensor, D. P., Micheli, F., Nystrom, M., Worm, B.
  2007; 10 (9): 760-772

- **Response to comments on "Impacts of biodiversity loss on ocean ecosystem services"** *SCIENCE*
  Worm, B., Barbier, E. B., Beaumont, N., Duffy, J. E., Folke, C., Halpern, B. S., Jackson, J. B., Lotze, H. K., Micheli, F., Palumbi, S. R., Sala, E., Selkoe, K. A., Stachowicz, et al
  2007; 316 (5829): 1285-1286

- **Designing marine reserves for interacting species: Insights from theory** *BIOLOGICAL CONSERVATION*
  Baskett, M. L., Micheli, F., Levin, S. A.
  2007; 137 (2): 163-179

- **Trophic cascade facilitates coral recruitment in a marine reserve** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Mumby, P. J., Harborne, A. R., Williams, J., Kappel, C. V., Brumbaugh, D. R., Micheli, F., Holmes, K. E., Dahlgren, C. P., Paris, C. B., Blackwell, P. G.
  2007; 104 (20): 8362-8367

- **High apex predator biomass on remote Pacific islands** *CORAL REEFS*

Stevenson, C., Katz, L. S., Micheli, F., Block, B., Heiman, K. W., Perle, C., Weng, K., Dunbar, R., Witting, J.
2007; 26 (1): 47-51

- **Impacts of biodiversity loss on ocean ecosystem services** *SCIENCE*
  Worm, B., Barbier, E. B., Beaumont, N., Duffy, J. E., Folke, C., Halpern, B. S., Jackson, J. B., Lotze, H. K., Micheli, F., Palumbi, S. R., Sala, E., Selkoe, K. A., Stachowicz, et al
  2006; 314 (5800): 787-790

- **Integrating marine protected areas with catch regulation** *CANADIAN JOURNAL OF FISHERIES AND AQUATIC SCIENCES*
  Hilborn, R., Micheli, F., De Leo, G. A.
  2006; 63 (3): 642-649

- **Fishing, trophic cascades, and the process of grazing on coral reefs** *SCIENCE*
  Mumby, P. J., Dahlgren, C. P., Harborne, A. R., Kappel, C. V., Micheli, F., Brumbaugh, D. R., Holmes, K. E., Mendes, J. M., Broad, K., Sanchirico, J. N., Buch, K., Box, S., Stoffle, et al
  2006; 311 (5757): 98-101

- **The functional value of Caribbean coral reef, seagrass and mangrove habitats to ecosystem processes** *ADVANCES IN MARINE BIOLOGY, VOL 50*
  Harborne, A. R., Mumby, P. J., Micheli, F., Perry, C. T., Dahlgren, C. P., Holmes, K. E., Brumbaugh, D. R.
  2006; 50: 57-189

- **Marine Parks Need Sharks? – response** *Science*
  Mumby, P., Micheli, F., Dahgren, C., Litvin, S., Gill, A., Brumbaugh, D., Broad, K., Sanchirico, J., Kappel, C., Harborne, A., Holmes, K.
  2006; 312: 527

- **Selective predation by the zoarcid fish Thermarces cerberus at hydrothermal vents** *DEEP-SEA RESEARCH PART I-OCEANOGRAPHIC RESEARCH PAPERS*
  Sancho, G., Fisher, C. R., Mills, S., Micheli, F., Johnson, G. A., Lenihan, H. S., Peterson, C. H., Mullineaux, L. S.
  2005; 52 (5): 837-844

- **Low functional redundancy in coastal marine assemblages** *ECOLOGY LETTERS*
  Micheli, F., Halpern, B. S.
  2005; 8 (4): 391-400

- **Ecology - Are US coral reefs on the slippery slope to slime?** *SCIENCE*
  Pandolfi, J. M., Jackson, J. B., Baron, N., Bradbury, R. H., Guzman, H. M., Hughes, T. P., Kappel, C. V., Micheli, F., Ogden, J. C., Possingham, H. P., Sala, E.
  2005; 307 (5716): 1725-1726

- **Cascading human impacts, marine protected areas, and the structure of Mediterranean reef assemblages** *ECOLOGICAL MONOGRAPHS*
  Micheli, F., Benedetti-Cecchi, L., Gambaccini, S., Bertocci, I., Borsini, C., Osio, G. C., Roman, F.
  2005; 75 (1): 81-102

- **Ecological science and sustainability for the 21st century** *FRONTIERS IN ECOLOGY AND THE ENVIRONMENT*
  Palmer, M. A., Bernhardt, E. S., Chornesky, E. A., Collins, S. L., Dobson, A. P., Duke, C. S., Gold, B. D., Jacobson, R. B., Kingsland, S. E., Kranz, R. H., Mappin, M. J., Martinez, M. L., Micheli, et al
  2005; 3 (1): 4-11

- **Introduction of non-native oysters: Ecosystem effects and restoration implications** *ANNUAL REVIEW OF ECOLOGY EVOLUTION AND SYSTEMATICS*
  Ruesink, J. L., Lenihan, H. S., Trimble, A. C., Heiman, K. W., Micheli, F., Byers, J. E., Kay, M. C.
  2005; 36: 643-689

- **Reassessing US coral reefs - Response** *Science*
  Jackson, J., Ogden, J., Pandolfi, J., Baron, N., Bradbury, R., Guzman, H., Hughes, T., Kappel, C., Micheli, F., Possingham, H., Sala, E.
  2005; 308: 1741-1742

- **Trajectories and correlates of community change in no-take marine reserves** *ECOLOGICAL APPLICATIONS*
  Micheli, F., Halpern, B. S., Botsford, L. W., Warner, R. R.
  2004; 14 (6): 1709-1723

- **Distribution of plants in a California serpentine grassland: are rocky hummocks spatial refuges for native species?** *PLANT ECOLOGY*
  Gram, W. K., Borer, E. T., Cottingham, K. L., Seabloom, E. W., Boucher, V. L., Goldwasser, L., Micheli, F., Kendall, B. E., Burton, R. S.
  2004; 172 (2): 159-171

- **Ecology for a crowded planet** *SCIENCE*
  Palmer, M., Bernhardt, E., Chornesky, E., Collins, S., Dobson, A., Duke, C., Gold, B., Jacobson, R., Kingsland, S., Kranz, R., Mappin, M., Martinez, M. L., Micheli, et al
  2004; 304 (5675): 1251-1252

- **Including species interactions in the design and evaluation of marine reserves: Some insights from a predator-prey model** *4th International Symposium in Fisheries Ecology*
  Micheli, F., Amarasekare, P., Bascompte, J., Gerber, L. R.
  ROSENSTIEL SCH MAR ATMOS SCI.2004: 653–69

- **Flow damping under seagrass canopies of differing structure** *Marine Ecology Progress Series*
  Peterson, C., Luettich Jr, R., Micheli, F., Skilleter, G.
  2004; 268: 81-92

- **Successional mechanism varies along a gradient in hydrothermal fluid flux at deep-sea vents** *ECOLOGICAL MONOGRAPHS*
  Mullineaux, L. S., Peterson, C. H., Micheli, F., Mills, S. W.
  2003; 73 (4): 523-542

- **Variation in rocky shore assemblages in the northwestern Mediterranean: contrasts between islands and the mainland** *JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY*
  Benedetti-Cecchi, L., Maggi, E., Bertocci, I., Vaselli, S., Micheli, F., Osio, G. C., Cinelli, F.
  2003; 293 (2): 193-215

- **Competition, seed limitation, disturbance, and reestablishment of California native annual forbs** *ECOLOGICAL APPLICATIONS*
  Seabloom, E. W., Borer, E. T., Boucher, V. L., Burton, R. S., Cottingham, K. L., Goldwasser, L., Gram, W. K., Kendall, B. E., Micheli, F.
  2003; 13 (3): 575-592

- **Implications of spatial heterogeneity for management of marine protected areas (MPAs): examples from assemblages of rocky coasts in the northwest Mediterranean** *MARINE ENVIRONMENTAL RESEARCH*
  Benedetti-Cecchi, L., Bertocci, I., Micheli, F., Maggi, E., Fosella, T., Vaselli, S.
  2003; 55 (5): 429-458

- **Principles for the design of marine reserves** *ECOLOGICAL APPLICATIONS*
  Botsford, L. W., Micheli, F., Hastings, A.
  2003; 13 (1): S25-S31

- **Principles for the design of marine reserves** *Ecological Applications*
  Botsford, L., Micheli, F., Hastings, A.
  2003; S13: 25-31

- **Competition, seed limitation, disturbance, and the reestablishment of California native annual forbs** *Ecological Applications*
  Seabloom, E., Borer, E., Boucher, V., Burton, R., Cottingham, K., Goldwasser, L., Gram, W., Kendall, B., Micheli, F.
  2003; 13: 575-592

- **Marine Protected Areas in the Mediterranean Sea: Objectives, Effectiveness and Monitoring** *MARINE ECOLOGY-PUBBLICAZIONI DELLA STAZIONE ZOOLOGICA DI NAPOLI I*
  Fraschetti, S., Terlizzi, A., Micheli, F., Benedetti-Cecchi, L., Boero, F.
  2002; 23: 190-200

- **Predation structures communities at deep-sea hydrothermal vents** *ECOLOGICAL MONOGRAPHS*
  Micheli, F., Peterson, C. H., Mullineaux, L. S., Fisher, C. R., Mills, S. W., Sancho, G., Johnson, G. A., Lenihan, H. S.
  2002; 72 (3): 365-382

- **Temporal, spatial, and taxonomic patterns of crustacean zooplankton variability in unmanipulated north-temperate lakes** *LIMNOLOGY AND OCEANOGRAPHY*
  Rusak, J. A., Yan, N. D., Somers, K. M., Cottingham, K. L., Micheli, F., Carpenter, S. R., Frost, T. M., Paterson, M. J., McQueen, D. J.

2002; 47 (3): 613-625

- **Interplay of encrusting coralline algae and sea urchins in maintaining alternative habitats** *MARINE ECOLOGY PROGRESS SERIES*
  Bulleri, F., Bertocci, I., Micheli, F.
  2002; 243: 101-109

- **Climate change - Climate change in nontraditional data sets** *SCIENCE*
  Sagarin, R., Micheli, F.
  2001; 294 (5543): 811-811

- **Human alteration of food webs - Research priorities for conservation and management** *Workshop on Conservation Biology: Research Priorities for the New Decade*
  Micheli, F., Polis, G. A., Boersma, P. D., Hixon, M. A., Norse, E. A., Snelgrove, P. V., Soule, M. E.
  ISLAND PRESS.2001: 31–57

- **Oceans at risk - Research priorities in marine conservation biology** *Workshop on Conservation Biology: Research Priorities for the New Decade*
  Hixon, M. A., Boersma, P. D., Hunter, M. L., Micheli, F., Norse, E. A.
  ISLAND PRESS.2001: 125–154

- **Synthesis of linkages between benthic and fish communities as a key to protecting essential fish habitat** *2nd William R and Lenore Mote International Symposium in Fisheries Ecology*
  Peterson, C. H., Summerson, H. C., Thomson, E., Lenihan, H. S., Grabowski, J., Manning, L., Micheli, F., Johnson, G.
  ROSENSTIEL SCH MAR ATMOS SCI.2000: 759–74

- **Biological effects of shellfish harvesting on oyster reefs: resolving a fishery conflict using ecological experimentationt** *Fishery Bulletin*
  Lenihan, H., Micheli, F.
  2000; 98: 86-95

- **Biological effects of shellfish harvesting on oyster reefs: resolving a fishery conflict by ecological experimentation** *FISHERY BULLETIN*
  Lenihan, H. S., Micheli, F.
  2000; 98 (1): 86-95

- **A method to determine rate and pattern of variability in ecological communities** *Oikos*
  Collins, S., Micheli, F., Hartt, L.
  2000; 91: 285-293

- **Eutrophication, fisheries, and consumer-resource dynamics in marine pelagic ecosystems** *SCIENCE*
  Micheli, F.
  1999; 285 (5432): 1396-1398

- **Estuarine vegetated habitats as corridors for predator movements** *CONSERVATION BIOLOGY*
  Micheli, F., Peterson, C. H.
  1999; 13 (4): 869-881

- **The influence of multiple environmental stressors on susceptibility to parasites: An experimental determination with oysters** *Symposium on the Effects of Multiple Stressors on Freshwater and Marine Ecosystems at the Annual Meeting of the American-Society-of-Limnology-and-Oceanography*
  Lenihan, H. S., Micheli, F., Shelton, S. W., Peterson, C. H.
  AMER SOC LIMNOLOGY OCEANOGRAPHY.1999: 910–24

- **The dual nature of community variability** *OIKOS*
  Micheli, F., Cottingham, K. L., Bascompte, J., Bjornstad, O. N., Eckert, G. L., Fischer, J. M., Keitt, T. H., Kendall, B. E., Klug, J. L., Rusak, J. A.
  1999; 85 (1): 161-169

- **Microalgae on seagrass mimics: Does epiphyte community structure differ from live seagrasses?** *JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY*
  Pinckney, J. L., Micheli, F.
  1998; 221 (1): 59-70

- **Effects of predator foraging behavior on patterns of prey mortality in marine soft bottoms** *ECOLOGICAL MONOGRAPHS*
  Micheli, F.

1997; 67 (2): 203-224

- **Effects of previous experience on crab foraging in a mobile and a sedentary species** *Animal Behaviour*
  Micheli, F.
  1997; 53: 1149-1159
- **Predation intensity in estuarine soft bottoms: Between-habitat comparisons and experimental artifacts** *MARINE ECOLOGY PROGRESS SERIES*
  Micheli, F.
  1996; 141 (1-3): 295-302
- **BEHAVIORAL PLASTICITY IN PREY-SIZE SELECTIVITY OF THE BLUE-CRAB CALLINECTES-SAPIDUS FEEDING ON BIVALVE PREY** *JOURNAL OF ANIMAL ECOLOGY*
  Micheli, F.
  1995; 64 (1): 63-74
- **FEEDING ECOLOGY OF MANGROVE CRABS IN NORTH EASTERN AUSTRALIA - MANGROVE LITTER CONSUMPTION BY SESARMA-MESSA AND SESARMA-SMITHII** *JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY*
  Micheli, F.
  1993; 171 (2): 165-186
- **EFFECT OF MANGROVE LITTER SPECIES AND AVAILABILITY ON SURVIVAL, MOLTING, AND REPRODUCTION OF THE MANGROVE CRAB SESARMA-MESSA** *JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY*
  Micheli, F.
  1993; 171 (2): 149-163
- **BILATERAL GYNANDROMORPH OF THE FRESH-WATER CRAB POTAMON-FLUVIATILE HERBST (DECAPODA, BRACHYURA)** *JOURNAL OF CRUSTACEAN BIOLOGY*
  Micheli, F.
  1991; 11 (4): 561-568
- **PRELIMINARY-OBSERVATIONS OF THE CLUSTERING BEHAVIOR OF THE TROPICAL HERMIT-CRAB, CLIBANARIUS-LAEVIMANUS** *3RD MEETING OF THE ITALIAN SECTION OF THE INTERNATIONAL UNION FOR THE STUDY OF SOCIAL INSECTS*
  Gherardi, F., Micheli, F., Vannini, M.
  TAYLOR & FRANCIS LTD.1991: 151–53
- **Feeding and burrowing ecology of two East African mangrove crabs** *Marine Biology*
  Micheli, F., Gherardi, F., Vannini, M.
  1991; 111: 247-254
- **FEEDING AND BURROWING ECOLOGY OF 2 EAST-AFRICAN MANGROVE CRABS** *MARINE BIOLOGY*
  Micheli, F., Gherardi, F., Vannini, M.
  1991; 111 (2): 247-254
- **GROWTH AND REPRODUCTION IN THE FRESH-WATER CRAB, POTAMON-FLUVIATILE (DECAPODA, BRACHYURA)** *FRESHWATER BIOLOGY*
  Micheli, F., Gherardi, F., Vannini, M.
  1990; 23 (3): 491-503
- **Patterns of movement of the hermit crab, Clibanarius longitarsus, in a mangrove swamp** *Ethology, Ecology & Evolution*
  Gherardi, F., Micheli, F., Vannini, M.
  1990; 2: 312-313
- **Patterns of movement of the hermit crab, Clibanarius longitarsus, in a mangrove swamp** *Ethology, Ecology & Evolution*
  Gherardi, F., Micheli, F., Vannini, M.
  1990; 2: 312-313
- **MOVEMENT PATTERNS AND DISPERSAL OF THE HERMIT-CRAB CLIBANARIUS-LONGITARSUS IN A MANGROVE SWAMP** *MARINE BEHAVIOUR AND PHYSIOLOGY*
  Gherardi, F., Micheli, F., Vannini, M.
  1990; 16 (4): 209-223

- **Growth and reproduction in the freshwater crab Potamon fluviatile Herbst (Decapoda, Brachyura)** *Freshwater Biology*
  Micheli, F., Gherardi, F., Vannini, M.
  1990; 23: 491-503
- **ENERGY MAXIMIZATION AND FORAGING STRATEGIES IN POTAMON-FLUVIATILE (DECAPODA, BRACHYURA)** *FRESHWATER BIOLOGY*
  Gherardi, F., TARDUCCI, F., Micheli, F.
  1989; 22 (2): 233-245
- **Population structure and relative growth of Potamon potamios in the Dead Sea area** *Israel Journal of Zoology*
  Gherardi, F., Micheli, F.
  1989; 36: 133-145
- **RELATIVE GROWTH AND POPULATION-STRUCTURE OF THE FRESH-WATER CRAB, POTAMON-POTAMIOS-PALESTINENSIS, IN THE DEAD-SEA AREA (ISRAEL)** *ISRAEL JOURNAL OF ZOOLOGY*
  Gherardi, F., Micheli, F.
  1989; 36 (3-4): 133-145
- **Note sulla biologia ed ecologia del granchio di fiume Potamon fluviatile** *Bollettino del Museo di Storia Naturale della Lunigiana*
  Gherardi, F., Micheli, F., Monaci, F., Tarducci, F.
  1988; 6-7: 169-174
- **ECOETHOLOGY IN RIVER CRABS - THE USE OF RADIOTELEMETRY**
  Gherardi, F., Micheli, F., NOCCHI, C.
  UNIVERSITA DEGLI STUDI DI FIRENZE.1987: 189–90