

## 1      1      Supplementary information – Online Resource 1

2      Final selection of the articles composing the literature review:

- 3      1. Agius, Karl, e Michael Briguglio. «Mitigating Seasonality Patterns in an Archipelago: The  
4      Role of Ecotourism». *Maritime Studies: MAST* 20, fasc. 4 (2021): 409–21.  
5      <https://doi.org/10.1007/s40152-021-00238-x>.
- 6      2. Ahmad Kamil, Khairunnisa, Atakelty Hailu, Abbie Rogers, e Ram Pandit. «An Assessment  
7      of Marine Protected Areas as a Marine Management Strategy in Southeast Asia: A  
8      Literature Review». *Ocean & Coastal Management* 145 (1 agosto 2017): 72–81.  
9      <https://doi.org/10.1016/j.ocecoaman.2017.05.008>.
- 10     3. Alexander, Steven M., Graham Epstein, Örjan Bodin, Derek Armitage, e Donovan  
11     Campbell. «Participation in Planning and Social Networks Increase Social Monitoring in  
12     Community-Based Conservation». *Conservation Letters* 11, fasc. 5 (2018).  
13     <http://urn.kb.se/resolve?urn=urn:nbn:se:su:diva-162042>.
- 14     4. Arceo, Hazel O., Bertrand Cazalet, Porfirio M. Aliño, Luisa Mangialajo, e Patrice  
15     Francour. «Moving beyond a Top-down Fisheries Management Approach in the  
16     Northwestern Mediterranean: Some Lessons from the Philippines». *Marine Policy* 39, fasc.  
17     C (2013): 29–42.
- 18     5. Arias, Adrian, Joshua E. Cinner, Rhondda E. Jones, e Robert L. Pressey. «Levels and  
19     Drivers of Fishers' Compliance with Marine Protected Areas». *Ecology and Society* 20,  
20     fasc. 4 (1 dicembre 2015): 19. <https://doi.org/10.5751/ES-07999-200419>.
- 21     6. Arias, Adrian, e Stephen Sutton. «Understanding Recreational Fishers' Compliance with  
22     No-Take Zones in the Great Barrier Reef Marine Park». *Ecology and Society* 18, fasc. 4  
23     (30 ottobre 2013). <https://doi.org/10.5751/ES-05872-180418>.
- 24     7. Ayer, Austin, Stuart Fulton, Jacobo Alejandro Caamal-Madriral, e Alejandro Espinoza-  
25     Tenorio. «Halfway to Sustainability: Management Lessons from Community-Based,  
26     Marine No-Take Zones in the Mexican Caribbean». *Marine Policy* 93 (1 luglio 2018): 22–  
27     30. <https://doi.org/10.1016/j.marpol.2018.03.008>.
- 28     8. Ban, Natalie C, Katrina Kushneryk, Jenna Falk, Alanna Vachon, e Laurel Sleight.  
29     «Improving compliance of recreational fishers with Rockfish Conservation Areas:  
30     community–academic partnership to achieve and evaluate conservation». *ICES Journal of*  
31     *Marine Science* 77, fasc. 6 (1 novembre 2020): 2308–18.  
32     <https://doi.org/10.1093/icesjms/fsz134>.
- 33     9. Batista, Marisa I., e Henrique N. Cabral. «An Overview of Marine Protected Areas in SW  
34     Europe: Factors Contributing to Their Management Effectiveness». *Ocean & Coastal*  
35     *Management* 132 (1 novembre 2016): 15–23.  
36     <https://doi.org/10.1016/j.ocecoaman.2016.07.005>.
- 37     10. Beger, Maria, Alastair R. Harborne, Terence P. Dacles, Jean-Luc Solandt, e Gerardo L.  
38     Ledesma. «A Framework of Lessons Learned from Community-Based Marine Reserves  
39     and Its Effectiveness in Guiding a New Coastal Management Initiative in the Philippines». *Environmental*  
40     *Management* 34, fasc. 6 (dicembre 2004): 786–801.  
41     <https://doi.org/10.1007/s00267-004-0149-z>.
- 42     11. Bergseth, Brock J., Georgina G. Gurney, Michele L. Barnes, Adrian Arias, e Joshua E.  
43     Cinner. «Addressing Poaching in Marine Protected Areas through Voluntary Surveillance  
44     and Enforcement». *Nature Sustainability* 1, fasc. 8 (agosto 2018): 421–26.

- <https://doi.org/10.1038/s41893-018-0117-x>.
12. Bohorquez, John J., Anthony Dvaskas, Jennifer Jacquet, U. Rashid Sumaila, Janet Nye, e Ellen K. Pikitch. «A New Tool to Evaluate, Improve, and Sustain Marine Protected Area Financing Built on a Comprehensive Review of Finance Sources and Instruments». *Frontiers in Marine Science* 8 (2022). <https://www.frontiersin.org/articles/10.3389/fmars.2021.742846>.
  13. Bottema, Mariska J. M., e Simon R. Bush. «The Durability of Private Sector-Led Marine Conservation: A Case Study of Two Entrepreneurial Marine Protected Areas in Indonesia». *Ocean & Coastal Management* 61 (1 giugno 2012): 38–48. <https://doi.org/10.1016/j.ocecoaman.2012.01.004>.
  14. Camacho, Ruleo, e Robert Steneck. *Creating a TURF from the bottom-up: Antigua's community-based coral reef no-take reserve. Bulletin of Marine Science*. Vol. 93, 2017. <https://doi.org/10.5343/bms.2015.1096>.
  15. Casola, William R., Mike Rehnberg, M. Nils Peterson, Kristen Blake, Tyana Thorne, e R. Brian Langerhans. «Drivers of Long-Term Support for Marine Protected Areas in The Bahamas». *Ocean & Coastal Management* 217 (15 febbraio 2022): 106000. <https://doi.org/10.1016/j.ocecoaman.2021.106000>.
  16. Chen, Jyun-Long, Yu-Sheng Lin, e Ching-Ta Chuang. «Improving the Management of Taiwanese Fishery Resource Conservation Zones Based on Public Perceptions and Willingness to Pay for Ecosystem Services». *Journal of Coastal Conservation* 22, fasc. 2 (1 aprile 2018): 385–98. <https://doi.org/10.1007/s11852-017-0586-5>.
  17. Cockerell, Lucy M., e Peter J. S. Jones. «Governance Analysis of St Anne Marine National Park, Seychelles». *Marine Policy* 127 (1 maggio 2021): 103912. <https://doi.org/10.1016/j.marpol.2020.103912>.
  18. Dalton, Tracey, Graham Forrester, e Richard Pollnac. «Are Caribbean MPAs Making Progress toward Their Goals and Objectives?» *Marine Policy* 54 (1 aprile 2015): 69–76. <https://doi.org/10.1016/j.marpol.2014.12.009>.
  19. D'Anna, Giovanni, Tomás Vega Fernández, Carlo Pipitone, Germana Garofalo, e Fabio Badalamenti. «Governance Analysis in the Egadi Islands Marine Protected Area: A Mediterranean Case Study». *Marine Policy* 71 (1 settembre 2016): 301–9. <https://doi.org/10.1016/j.marpol.2015.12.009>.
  20. Depondt, Florence, e Edmund Green. «Diving User Fees and the Financial Sustainability of Marine Protected Areas: Opportunities and Impediments». *Ocean & Coastal Management* 49, fasc. 3 (1 gennaio 2006): 188–202. <https://doi.org/10.1016/j.ocecoaman.2006.02.003>.
  21. Di Franco, Antonio, Pierre Thiriet, Giuseppe Di Carlo, Charalampos Dimitriadis, Patrice Francour, Nicolas L. Gutiérrez, Alain Jeudy de Grissac, Drosos Koutsoubas, Marco Milazzo, María del Mar Otero, Catherine Piante, Jeremiah Plass-Johnson, Susana Sainz-Trapaga, Luca Santarossa, Sergi Tudela, and P. Guidetti. 2016. “Five Key Attributes Can Increase Marine Protected Areas Performance for Small-Scale Fisheries Management.” *Scientific Reports* 6 (1): 38135. <https://doi.org/10.1038/srep38135>.
  22. Edgar, Graham J., Rick D. Stuart-Smith, Trevor J. Willis, Stuart Kininmonth, Susan C. Baker, Stuart Banks, Neville S. Barrett, Mikel A Becerro, Anthony T F Bernard, Just Berkhout, Colin D Buxton, Stuart J Campbell, Antonia T Cooper, Marlene Davey, Sophie C Edgar, Günter Försterra, David E Galván, Alejo J Irigoyen, David J Kushner, Rodrigo Moura, P Ed Parnell, Nick T Shears, German Soler, Elisabeth M A Strain, and RJ

- Thomson. 2014. "Global Conservation Outcomes Depend on Marine Protected Areas with Five Key Features." *Nature* 506 (7487): 216–20. <https://doi.org/10.1038/nature13022>.
23. Fernández-Vidal, Duarte, e Ramón Muiño. «Fact or Fiction? Assessing Governance and Co-Management of Marine Reserves of Fishing Interest in Cedeira and Lira (NW Spain)». *Marine Policy* 47 (1 luglio 2014): 15–22. <https://doi.org/10.1016/j.marpol.2014.01.016>.
24. Ferreira, Harildon M., Rafael A. Magris, Sergio R. Floeter, e Carlos E.L. Ferreira. «Drivers of Ecological Effectiveness of Marine Protected Areas: A Meta-Analytic Approach from the Southwestern Atlantic Ocean (Brazil)». *Journal of Environmental Management* 301 (gennaio 2022): 113889. <https://doi.org/10.1016/j.jenvman.2021.113889>.
25. Fleming, D. M., e P. J. S. Jones. «Challenges to Achieving Greater and Fairer Stakeholder Involvement in Marine Spatial Planning as Illustrated by the Lyme Bay Scallop Dredging Closure». *Marine Policy* 36, fasc. 2 (1 marzo 2012): 370–77. <https://doi.org/10.1016/j.marpol.2011.07.006>.
26. Gallacher, J., N. Simmonds, H. Fellowes, N. Brown, N. Gill, W. Clark, C. Biggs, e L. D. Rodwell. «Evaluating the Success of a Marine Protected Area: A Systematic Review Approach». *Journal of Environmental Management* 183 (1 dicembre 2016): 280–93. <https://doi.org/10.1016/j.jenvman.2016.08.029>.
27. Garces, Len R., Michael D. Pido, Mark H. Tupper, e Geronimo T. Silvestre. «Evaluating the Management Effectiveness of Three Marine Protected Areas in the Calamianes Islands, Palawan Province, Philippines: Process, Selected Results and Their Implications for Planning and Management». *Ocean & Coastal Management*, Special Issue: Advancing Ecosystem Based Management, 81 (1 settembre 2013): 49–57. <https://doi.org/10.1016/j.ocecoaman.2012.07.014>.
28. Gelcich, Stefan, e C. Josh Donlan. «Incentivizing Biodiversity Conservation in Artisanal Fishing Communities through Territorial User Rights and Business Model Innovation». *Conservation Biology: The Journal of the Society for Conservation Biology* 29, fasc. 4 (agosto 2015): 1076–85. <https://doi.org/10.1111/cobi.12477>.
29. Gelcich, Stefan, Michel J. Kaiser, Juan Carlos Castilla, e Gareth Edwards-Jones. «Engagement in Co-Management of Marine Benthic Resources Influences Environmental Perceptions of Artisanal Fishers». *Environmental Conservation* 35, fasc. 1 (marzo 2008): 36–45. <https://doi.org/10.1017/S0376892908004475>.
30. Gill, David A., Michael B. Mascia, Gabby N. Ahmadi, Louise Glew, Sarah E. Lester, Megan Barnes, Ian Craigie, Emily S. Darling, Christopher M. Free, Jonas Geldmann, Susie Holst, Olaf P. Jensen, Alan T. White, Xavier Basurto, Lauren Coad, Ruth D. Gates, Greg Guannel, Peter J. Mumby, Hannah Thomas, Sarah Whitmee, Stephen Woodley, and H. E. Fox. 2017. "Capacity Shortfalls Hinder the Performance of Marine Protected Areas Globally." *Nature* 543 (7647): 665–69. <https://doi.org/10.1038/nature21708>.
31. Granek, E. F., E. M. P. Madin, M. A. Brown, W. Figueira, D. S. Cameron, Z. Hogan, G. Kristianson, P de Villiers, JE Williams, J Post, Steffen Zahn, and R. Arlinghaus. «Engaging Recreational Fishers in Management and Conservation: Global Case Studies». *Conservation Biology: The Journal of the Society for Conservation Biology* 22, fasc. 5 (ottobre 2008): 1125–34. <https://doi.org/10.1111/j.1523-1739.2008.00977.x>.
32. Gravestock, Pippa, Callum M. Roberts, e Alison Bailey. «The Income Requirements of Marine Protected Areas». *Ocean & Coastal Management* 51, fasc. 3 (1 gennaio 2008): 272–83. <https://doi.org/10.1016/j.ocecoaman.2007.09.004>.
33. Iacarella, Josephine C., Georgia Clyde, Brock J. Bergseth, e Natalie C. Ban. «A Synthesis

- of the Prevalence and Drivers of Non-Compliance in Marine Protected Areas». *Biological Conservation* 255 (1 marzo 2021): 108992. <https://doi.org/10.1016/j.biocon.2021.108992>.
34. Jones, P. J. S., W. Qiu, e E. M. De Santo. «Governing Marine Protected Areas: Social–Ecological Resilience through Institutional Diversity». *Marine Policy*, Governing marine protected areas: towards social-ecological resilience through institutional diversity, 41 (1 settembre 2013): 5–13. <https://doi.org/10.1016/j.marpol.2012.12.026>.
35. Jones, Peter J. S. «A Governance Analysis of the Galápagos Marine Reserve». *Marine Policy* 41, fasc. C (2013): 65–71.
36. Leverington, F., K.L. Costa, J. Courrau, H. Pavese, C. Nolte, M. Marr, L. Coad, N. Burgess, B. Bomhard and M. Hockings. 2010. Management Effectiveness Evaluation in Protected Areas da Global Study, 2 ed. University of Queensland, Brisbane
37. Liao, Chun-Pei, Hsiang-Wen Huang, e Hsueh-Jung Lu. «Fishermen’s Perceptions of Coastal Fisheries Management Regulations: Key Factors to Rebuilding Coastal Fishery Resources in Taiwan». *Ocean & Coastal Management* 172 (15 aprile 2019): 1–13. <https://doi.org/10.1016/j.ocecoaman.2019.01.015>.
38. Mangi, Stephen C., e Melanie C. Austen. «Perceptions of Stakeholders towards Objectives and Zoning of Marine-Protected Areas in Southern Europe». *Journal for Nature Conservation*, Special Issue on: European marine protected areas as tools for fisheries management and conservation, 16, fasc. 4 (1 dicembre 2008): 271–80. <https://doi.org/10.1016/j.jnc.2008.09.002>.
39. Matera, Jaime. «Livelihood Diversification and Institutional (Dis-)Trust: Artisanal Fishing Communities under Resource Management Programs in Providencia and Santa Catalina, Colombia». *Marine Policy* 67 (1 maggio 2016): 22–29. <https://doi.org/10.1016/j.marpol.2016.01.021>.
40. Maya-Jariego, Isidro, Inmaculada Martínez-Alba, e Deniza Alieva. «“Plenty of Black Money”: Netnography of Illegal Recreational Underwater Fishing in Southern Spain». *Marine Policy* 126 (1 aprile 2021): 104411. <https://doi.org/10.1016/j.marpol.2021.104411>.
41. McClanahan, Timothy, Jamie Davies, e Joseph Maina. «Factors influencing resource users and managers’ perceptions towards marine protected area management in Kenya». *Environmental Conservation* 32, fasc. 1 (marzo 2005): 42–49. <https://doi.org/10.1017/S0376892904001791>.
42. McNeill, Asha, Julian Clifton, e Euan S. Harvey. «Attitudes to a Marine Protected Area Are Associated with Perceived Social Impacts». *Marine Policy* 94 (1 agosto 2018): 106–18. <https://doi.org/10.1016/j.marpol.2018.04.020>.
43. Millage, Katherine D., Juan Carlos Villaseñor-Derbez, Darcy Bradley, Matthew G. Burgess, Hunter S. Lenihan, e Christopher Costello. «Self-Financed Marine Protected Areas». *Environmental Research Letters* 16, fasc. 12 (novembre 2021): 125001. <https://doi.org/10.1088/1748-9326/ac3439>.
44. Mizrahi, Me’ira, Amy Diedrich, Rebecca Weeks, e Robert L. Pressey. «A Systematic Review of the Socioeconomic Factors that Influence How Marine Protected Areas Impact on Ecosystems and Livelihoods». *Society & Natural Resources* 32, fasc. 1 (2 gennaio 2019): 4–20. <https://doi.org/10.1080/08941920.2018.1489568>.
45. Moutopoulos, Dimitrios K., Ioannis Giovos, Periklis Kleitou, Demetris Kletou, Ioannis Savva, Leda L. Cai, e George Katselis. «Multi-Disciplinary Approach of Reported and Unreported Fisheries in a New Established MPA: The Case of Cavo Greco, Cyprus». *Regional Studies in Marine Science* 47 (1 settembre 2021): 101922.

- <https://doi.org/10.1016/j.rsma.2021.101922>.
46. Mow, June Marie, Elizabeth Taylor, Marion Howard, Mark Baine, Ernesto Connolly, e Maio Chiquillo. «Collaborative Planning and Management of the San Andres Archipelago's Coastal and Marine Resources: A Short Communication on the Evolution of the Seaflower Marine Protected Area». *Ocean & Coastal Management*, The Galapagos Islands and the Archipelago of San Andres, 50, fasc. 3 (1 gennaio 2007): 209–22. <https://doi.org/10.1016/j.ocecoaman.2006.09.001>.
47. Murray, Ruth. «A Governance Analysis of Three MPAs in Belize: Conservation Objectives Compromised by Tourism Development Priorities?» *Marine Policy* 127 (1 maggio 2021): 104243. <https://doi.org/10.1016/j.marpol.2020.104243>.
48. Murray, Samantha, e Tyler T. Hee. «A Rising Tide: California's Ongoing Commitment to Monitoring, Managing and Enforcing Its Marine Protected Areas». *Ocean & Coastal Management* 182 (1 dicembre 2019): 104920. <https://doi.org/10.1016/j.ocecoaman.2019.104920>.
49. Niccolini, Federico, Daniela Marzo, e Sara Scipioni. *Ecosystem services, socio-economic values and Organizational profiles of Mediterranean MPAs*, 2019.
50. Nordlund, Lina M., Ulrike Kloiber, Eleanor Carter, e Sibylle Riedmiller. «Chumbe Island Coral Park—Governance Analysis». *Marine Policy* 41 (2013): 110.
51. Ojeda-Martínez, C., Just Bayle-Sempere, P. Sanchez-Jerez, Fuensanta Salas, Ben Stobart, Raquel Goñi, Jesús Falcón, Mariagrazia Graziano, Ivan Guala, Ruth M Higgins, Frédéric Vandeperre, Laurence Ledireach, Pablo Martín-Sosa, and S. Vaselli 2011. «Review of the Effects of Protection in Marine Protected Areas: Current Knowledge and Gaps.» *Animal Biodiversity and Conservation* 34 (July): 191–203. <https://doi.org/10.32800/abc.2011.34.0191>.
52. Perea-Muñoz, José Manuel, Austin Miles, e Just Tomàs Bayle-Sempere. «Sharing Goals by Timely Communication Improves Fishermen's Satisfaction with Marine Protected Areas: A Case Study in the Mediterranean». *Ambio* 51, fasc. 6 (1 giugno 2022): 1520–34. <https://doi.org/10.1007/s13280-021-01683-y>.
53. Perez de Oliveira, Lucia. «Fishers as Advocates of Marine Protected Areas: A Case Study from Galicia (NW Spain)». *Marine Policy*, Governing marine protected areas: towards social-ecological resilience through institutional diversity, 41 (1 settembre 2013): 95–102. <https://doi.org/10.1016/j.marpol.2012.12.024>.
54. Pita, Cristina, Barbara Horta e Costa, Gustavo Franco, Rui Coelho, Inês Sousa, Emanuel J. Gonçalves, Jorge M. S. Gonçalves, e Karim Erzini. «Fisher's Perceptions about a Marine Protected Area over Time». *Aquaculture and Fisheries*, SI: Marine protected areas and small-scale fisheries, 5, fasc. 5 (1 settembre 2020): 273–81. <https://doi.org/10.1016/j.aaf.2020.01.005>.
55. Pollnac, Richard, Patrick Christie, Joshua Cinner, Tracey Dalton, Tim Daw, Graham Forrester, Nicholas Graham, e Tim Mcclanahan. «Marine reserves as linked social-ecological systems». *Proceedings of the National Academy of Sciences of the United States of America* 107 (1 febbraio 2010): 18262–65. <https://doi.org/10.1073/pnas.0908266107>.
56. Read, Andrew D., Ronald J. West, Max Haste, e Alan Jordan. «Optimizing Voluntary Compliance in Marine Protected Areas: A Comparison of Recreational Fisher and Enforcement Officer Perspectives Using Multi-Criteria Analysis». *Journal of Environmental Management* 92, fasc. 10 (ottobre 2011): 2558–67. <https://doi.org/10.1016/j.jenvman.2011.05.022>.

57. Renchen, Gabrielle F, e Thomas R Matthews. «Targeted education reduces marine protected area boundary encroachments: a case study from the Florida Keys». *Bulletin of Marine Science* 94, fasc. 3 (1 luglio 2018): 1201–14. <https://doi.org/10.5343/bms.2017.1104>.
58. Richardson, Elizabeth A., Michel J. Kaiser, Gareth Edwards-Jones, e Hugh P. Possingham. «Sensitivity of Marine-Reserve Design to the Spatial Resolution of Socioeconomic Data». *Conservation Biology* 20, fasc. 4 (2006): 1191–1202.
59. Romero Manrique de Lara, David, e Serafin Corral. «Local Community-Based Approach for Sustainable Management of Artisanal Fisheries on Small Islands». *Ocean & Coastal Management* 142 (15 giugno 2017): 150–62. <https://doi.org/10.1016/j.ocecoaman.2017.03.031>.
60. Romero, Pedro, Rodrigo A. Estévez, Pablo Romero, e Stefan Gelcich. «Artisanal Fisher Association Leaders' Estimates of Poaching in Their Exclusive Access Management Areas». *Frontiers in Marine Science* 8 (2022). <https://www.frontiersin.org/articles/10.3389/fmars.2021.796518>.
61. Rossiter, Jaime Speed, e Arielle Levine. «What Makes a “Successful” Marine Protected Area? The Unique Context of Hawaii's Fish Replenishment Areas». *Marine Policy* 44 (febbraio 2014): 196–203. <https://doi.org/10.1016/j.marpol.2013.08.022>.
62. Russi, D. 2019. The Torre Guaceto marine protected area - what can we learn from this success story? In: *Marine Protected Areas: Science, Policy and Management* (John Humphreys and Robert W.E. Clark Eds). Pages 329-342
63. Said, Alicia, Douglas MacMillan, e Brian Campbell. «Crossroads at Sea: Escalating Conflict in a Marine Protected Area in Malta». *Estuarine, Coastal and Shelf Science* 208 (31 agosto 2018): 52–60. <https://doi.org/10.1016/j.ecss.2018.04.019>.
64. Sánchez-Jiménez, Astrid, Álvaro Morales-Ramírez, Jimena Samper-Villarreal, e Celeste Sánchez-Noguera. «Percepción comunitaria y procesos de Gestión Integrada de Zonas Costeras en el Pacífico Norte de Costa Rica». *Revista de Biología Tropical* 62, fasc. S4 (2014): 139–49. <https://doi.org/10.15517/rbt.v62i4.20040>.
65. Santos Brandão, Camila dos, Alexandre Malta, e Alexandre Schiavetti. «Temporal Assessment of the Management Effectiveness of Reef Environments: The Role of Marine Protected Areas in Brazil». *Ocean & Coastal Management* 142 (15 giugno 2017): 111–21. <https://doi.org/10.1016/j.ocecoaman.2017.03.015>.
66. Stevenson, Charlotte, Sarah Abramson Sikich, e Mark Gold. «Engaging Los Angeles County Subsistence Anglers in the California Marine Protected Area Planning Process». *Marine Policy* 36, fasc. 2 (1 marzo 2012): 559–63. <https://doi.org/10.1016/j.marpol.2011.08.001>.
67. Sullivan-Stack, Jenna, Octavio Aburto-Oropeza, Cassandra M. Brooks, Reniel B. Cabral, Jennifer E. Caselle, Francis Chan, J. Emmett Duffy, Daniel C. Dunn, Alan M. Friedlander, Heather K. Fulton-Bennett, Steven D. Gaines, Leah R. Gerber, Ellen Hines, Heather M. Leslie, Sarah E. Lester, Jessica M. C. McCarthy, Sara M. Maxwell, Juan Mayorga, Douglas J. McCauley, Fiorenza Micheli, Russell Moffitt, Kerry J. Nickols, Stephen R. Palumbi, Douglas R. Pearsall, Elizabeth P. Pike, Ellen K. Pikitch, Gorka Sancho, Ana K. Spalding, Daniel O. Suman, Seth T. Sykora-Bodie and Kirsten Grorud-Colvert. «A Scientific Synthesis of Marine Protected Areas in the United States: Status and Recommendations». *Frontiers in Marine Science* 9 (2022). <https://www.frontiersin.org/articles/10.3389/fmars.2022.849927>.

68. Thurlow, Grace, e Peter J. S. Jones. «A Governance Analysis of Soufriere Marine Management Area, Saint Lucia: Previously Effective but Increasingly Challenged by Driving Forces». *Marine Policy* 127 (1 maggio 2021): 104220. <https://doi.org/10.1016/j.marpol.2020.104220>.
69. Vasconcelos, Lia, Maria João Ramos Pereira, Ursula Caser, Graça Gonçalves, Flávia Silva, e Rita Sá. «MARGov – Setting the ground for the governance of marine protected areas». *Ocean & Coastal Management - OCEAN COAST MANAGE* 72 (1 gennaio 2011). <https://doi.org/10.1016/j.ocecoaman.2011.07.006>.
70. Viteri, César, e Carlos Chávez. «Legitimacy, Local Participation, and Compliance in the Galápagos Marine Reserve». *Ocean & Coastal Management, The Galapagos Islands and the Archipelago of San Andres*, 50, fasc. 3 (1 gennaio 2007): 253–74. <https://doi.org/10.1016/j.ocecoaman.2006.05.002>.
71. Voyer, Michelle, e William Gladstone. «Human considerations in the use of marine protected areas for biodiversity conservation». *Australian Zoologist* 39 (19 ottobre 2015). <https://doi.org/10.7882/AZ.2015.029>.
72. Voyer, Michelle, William Gladstone, e Heather Goodall. 2014. «Understanding Marine Park Opposition: The Relationship between Social Impacts, Environmental Knowledge and Motivation to Fish». *Aquatic Conservation: Marine and Freshwater Ecosystems* 24, fasc. 4 (2014): 441–62. <https://doi.org/10.1002/aqc.2363>.
73. Yates, K. L. «View from the Wheelhouse: Perceptions on Marine Management from the Fishing Community and Suggestions for Improvement». *Marine Policy* 48 (1 settembre 2014): 39–50. <https://doi.org/10.1016/j.marpol.2014.03.002>.
74. Yusah, H.M., A. Shuib, P.Kunasekaran and N.A. Nordin. 2018. Factors influencing residents' attitude towards marine resource utilization in Tun Sakaran Marine Park, Malaysia. *International Journal of Business and Society*, Vol. 19 S1, 2018, 37-46

**Table S1.** Actions composing each the 13 strategies to sustain MPA effectiveness as included in the literature review. On the right side, the number of literature items that included each factor, alongside the sum of literature items per factor (the number of studies per subgroup can be larger than the number of studies per factor, as the same paper can recommend one or multiple actions listed in the table)

Rank	Group	Subgroup	Factor		No. of studies per subgroup	No. of studies per factor
1	Stakeholder inclusion	Engagement of professional fishers	1	Engagement of fishers and fishing cooperatives into MPA design, management, rule-agreement and surveillance	13	40
			2	Presence of fishermen within the MPA management board		
			3	Creation of fishers management subcommittees with support from coordinator and monitoring teams, with decision powers on regulation changes, penalty impositions, use of space, size and/or catch limitations, and others		
		Engagement of local communities	1	Involvement of local communities in MPA consultation, designation, decision-making and management processes through community-based co-management organizations	12	
			2	Engagement of local leaders to foster voluntary surveillance		
			3	Involvement of an NGO to assist the local community with participation and to establish a collaborative platform		
			4	Incorporate goals and objectives of local communities into the development of MPA proposals to provide communities with a greater sense of ownership		
		Promotion of joint ventures among different stakeholder classes	1	Participation of various stakeholder groups in MPA institutional design (i.e., setting boundaries, rule-making), MPA establishment and implementation, MPA management	11	
			2	Creation of a permanent governance and co-management body including government members, fishers, fishing industry, academia and environmental NGOs		
		Engagement of recreational fishers	1	Involvement of recreational fishers into MPA planning, design, enforcement, advocacy, conservation, management and research	3	
Engagement of entrepreneurs	1	Engagement of entrepreneurs in existing networks with coastal communities to create and exploit opportunities for marine conservation	1			
2	Improve communication/ Raise awareness	Communication to stakeholders	1	Increase social capital by implementing outreach education activities for government officials, teachers, students, tourism operators, the general public and all visitors in the MPA, including: environmental education, awareness about human impacts on environment, importance/vulnerability of marine ecosystems, understanding and acceptance of MPA objectives, benefits of MPAs, desired MPA outcomes	25	38
			2	Investment in community outreach to help retain political support, to the extent that public perceptions may influence government decisions		
			3	Facilitate community support for MPAs and creating a sense of pride and recognition by pairing stakeholder engagement with educational efforts		
			4	Launch communication campaigns based on: brochures, websites, social media, events, school campaigns and visits, volunteering programs, tourist activities, shows, concerts, workshops on local gastronomy and food sustainability		
			5	Consultation with affected communities about what positive MPA impacts are desired at the local level		
			6	Communicate with all stakeholders before establishing MPAs to gather perceptions		
			7	Involvement of fishers to communicate with tourists		
			8	Improved MPA signage		
		Fishery-specific communication	1	Launch education programs to raise awareness about marine conservation for fishers and emphasize how poaching personally affects fishers, to promote stewardship norms and moral responsibility, to enhance participation and compliance, to inform fishers about MPA and its rules and benefits, and to increase MPA acceptance	13	
			2	Increase dialogue among scientists, managers and fishers to reduce the disparity in understanding fisheries benefits from MPAs		



3	Enforcement and monitoring, control and surveillance	Enforcement and monitoring, control and surveillance	1	Ensure sufficient enforcement of rules for both professional and recreational fisheries to tackle non-compliance and ensure resource rebuilding	31	32
			2	Increase patrol numbers, drones, centers to facilitate night patrol, and appoint honorary wardens		
			3	Tackle free-riding that undermines the stability of voluntary agreements between fishers and MPAs		
			4	Improve anti-poaching activities and land-based video monitoring		
			5	Implement and respect MPA zoning and clearly define MPA boundaries		
			6	Implement enforcement only after fishers have been included in management; otherwise it might lead to counterproductive results		
			7	Ensure surveillance resources including publicly-supported ones		
			8	Ensure that sufficient surveillance technologies are available to enforce all restrictions equitably on all local and incoming users		
			9	Address driving forces for non-compliance		
			10	Ensure the enforcement of Territorial Use Rights for Fisheries (TURF) by supporting fisher associations		
			11	Ensure clear penalties and sanctions against perpetrators are in place, as well as that the latter are paid in full		
			12	Control restaurants and fishmongers to make sure that they do not buy fish on the black market		
			13	Secure enforcement through collaboration between MPA rangers and police		
4	Increase and secure funding/human resources	Increase and secure funding/human resources	1	Establish and strengthen sustainable and long-term funding streams for adequate staffing, socio-ecological monitoring and data collection, enforcement, stakeholder permanent committees, and adaptive management	24	26
			2	Determine precise funding needs		
			3	Diversify income sources		
		NGO/private/Philanthropic funding	1	Explore new revenue streams from NGOs and private/philanthropic sectors	6	
		Visitor fees	1	Introduce, increase, collect and widely apply diving and visitor fees	4	
		Public funding	1	Source funding from government social, educational and environmental budgets	2	
			2	Apply for projects under the European Regional Development Fund (ERDF) as well as other regional funds		
		Conservation-finance area	1	Secure funding through Conservation finance area "CFA"	1	
		MPA fund	1	Establish an MPA fund to enhance financial sustainability and provide more financial flexibility for MPA management	1	
		Ecotourism	1	Reinvest revenues generated from ecotourism to support MPA management and environmental education programs	1	
		Fines	1	Reinvest revenues generated from fines for infractions	1	
		Non-extractive use rights from industry	1	Reinvest revenues generated from non-extractive use rights from shipping, transport and telecommunications industries	1	
		Research permits	1	Reinvest revenues generated from non-extractive use rights from research institutions	1	
Biodiversity offsets	1	Gather biodiversity offsets from the oil and gas sector	1			
5	Presence of management objectives and plans	Presence of management objectives and plans	1	Provide the MPA with clearly-stated, MPA-specific, uncertainty-accounting, consistent and compatible vision, objectives, management plans, restrictions, priorities, research regulations, boundaries and responsibilities	22	22
			2	Officially approve the MPA management plan		
			3	Existence of a management plan for artisanal fisheries inside the MPA		
			4	Management goals and objectives that are prepared with local communities and reflect their interests		
			5	Ensure clarity and consistency in defining roles and responsibilities of different authorities and organisations		
			6	Periodical reassessment of MPA goals and objectives, and their readjustment when needed		
			7	Ensure clarity and consistency in defining legal objectives of MPAs, general and zone restrictions, jurisdictional boundaries, roles and responsibilities of different authorities and organizations		
6	Research/ Capacity development	Implement sound scientific research	1	Establish a comprehensive scientific research framework	11	17
			2	Provide rigorous scientific information through ecological and environmental monitoring to improve habitat protection and ensure that clear, consistent, and useful information is available to guide MPA decision-making		

			3	Carry out baseline monitoring and characterization of MPAs as well as long-term monitoring of MPA impacts		
			4	Integrate local knowledge in MPA decision-making through participatory research projects among scientists, fishers and other relevant stakeholder groups		
		Capacity development	1	Strengthen capacity of national and local institutions and create new capacity through formal and informal educational initiatives	7	
			2	Widen the professional MPA network through co-operation with research institutions and participation in national and international meetings and conferences		
			3	Provide education and training in business administration and logistics to the fishing sector to help maximise their fisheries income		
		4	Engage fishers in marine research			
7	Enhance legislation/ Secure political will	Legislation	1	Presence of international-regional-national-local regulatory obligations that require effective conservation through MPAs	9	15
			2	Improve national and local legislation to: promote enforcement, reduce incentive to poaching, increase penalties for non-compliance, address special issues of artisanal fisheries, promote co-management and territorial approaches, back the establishment of voluntary agreements		
			3	Require a license for recreational fishing, in order to make it less profitable and attractive for those looking for an easy profit through illegal fish sale		
			4	Incorporate the ecosystem service concept and local people's perceptions of ecosystem service into policy-related decisions		
		Political will	1	Presence of a political will to control tourism, coastal development and illegal fishing, and to enforce regulations to protect natural resources and have effective MPAs in place	8	
			2	Ensure clear and long-run commitment from government agencies as well as government support for MPAs		
8	Economic and market-based incentives	Livelihood diversification	1	Diversify livelihoods to reduce pressure on stocks and to improve resilience of local communities, namely fishing ones, by: introducing appropriate incentives, proposing economic alternatives to fishing and promoting alternative livelihoods e.g. water taxis or MPA rangers	9	13
			2	Work with tourism through gastronomic workshops or underwater photo competitions		
			3	Prioritize local employment in the MPA e.g. dive operators		
		Compensation	1	Appropriate economic benefits/compensations must be generated for fishers to mitigate negative socio-economic impacts of MPAs. Namely: introducing incentives to encourage compliance such as compensation for lost fishing grounds (e.g. by creating artificial reefs), ensuring that good fishing grounds are accessible in close range of local communities, implementing strategies for adding value to seafood products, introducing direct economic compensation of fishers for loss of fishing grounds until compensation by spillover occurs, co-designing MBI-programs with artisanal fishers to compensate them through outcome-based philanthropy and biodiversity offsets	6	
			Eco-labelling	1	Encourage seafood certification and eco-labelling (capitalising on routine data collection, assessment and management activities already carried out in well-managed MPAs can reduce certification costs, which are generally out of reach for artisanal fishery communities)	
		9	Peer pressure	Direct involvement of fishers	1	
2	Recruit and training former fishers as park rangers					
3	Ease voluntary reporting of rule violations by fishers also through fishers' involvement in all MPA phases so to increase acceptance					
4	Ease fishers reporting to the MPA Consortium staff in case of poaching by non-residents					
10	Conflict avoidance and resolution	Conflict avoidance	1	Map and quantify conflicting stakeholder groups	7	9
			2	Implement multiple-use zones in agreement with stakeholders to provide a legal and spatial basis for controlling conflicts		
			3	Discuss spatial management and spatial conflicts with fishers to identify win-win solutions		
			4	Implement a systematic application of zoning criteria to reduce conflicts		
			5	Adapt existing regulations to local specificity to reduce conflicts between policy makers and local community		
		Conflict resolution	1	Solve conflicts among directly-competing user groups, namely fishers vs tourism/divers	2	

11	Ecotourism	Promotion of ecotourism	1	Promotion of ecotourism activities inside the MPA (e.g., snorkelling, diving, observation of marine fauna)	9	9
			2	Reduction of negative environmental impacts of tourism inside the MPA		
			3	Invest efforts for extending the tourism season		
			4	Development of ecotourism as a source of MPA funding		
			5	Promotion of synergies among the MPA and the tourism and agricultural sectors		
			6	Promotion of green marketing for tourism inside the MPA		
		Promotion of pescatourism	1	Reduction of bureaucratic obstacles and promotion of pescatourism in MPAs		
12	Infrastructures and equipment	Securing adequate infrastructures	1	Provide the MPA with adequate infrastructures to ensure its functioning (video and GPS monitoring technology for surveillance and enforcement, adequate demarcation buoys and mooring buoys for tourism, sufficient fuel for patrolling)	7	7
			2	Introduction of an MPA-staff assistance for fishers in case of rough weather and/or technical problems to the boat to build a better relationship between MPA and fishers		
			3	Reinvestment of MPA income in facilities including those for the local community		
13	Considering the surrounding network of MPAs	Considering the surrounding network of MPAs when managing the mpa	1	Establishment of effective and timely communication streams with neighbouring MPAs	4	4
			2	Gather inputs from regional networks of MPA managers and scientists to support stakeholder committees		
			3	Identification of additional protection needed to turn existing MPAs into effective, connected, functioning networks		

**305**     **Table S2.** Previous literature items mentioning the group of strategies for MPA effectiveness reported in this paper.

Factor group	Relevant literature
Stakeholder inclusion	Massinga 1996; Pomeroy et al. 1997; Done and Reichelt 1998; Uychiaoco et al. 2000; White and Vogt 2000; Beger 2005; McLanahan et al. 2006; Rossiter and Levine 2014; Di Franco et al. 2016; Gallacher et al. 2016; Ahmad kamil et al. 2017; Gill et al. 2017; Jones et al. 2013; Mizrahi et al. 2018
Conflict avoidance and resolution	Agardy et al. 2003; Dalton 2005; Gallacher et al. 2016; Pomeroy 2005; Rossiter and Levine 2014
Economic and market-based incentives	Rivera and Newkirk 1997; Pollnac et al. 2001; Beger 2005; Jones et al. 2013; Gallacher et al. 2016
Ecotourism/pescatourism	Nordlund et al. 2013
Enforcement and monitoring, control and surveillance	Russ and Alcala 1996; Beger 2005; McLanahan et al. 2006; Jones et al. 2013; Edgar et al. 2014; Rossiter and Levine 2014; Di Franco et al. 2016; Gallacher et al. 2016; Gill et al. 2017; Iacarella et al. 2021
Enhance legislation/political will	Heinen and Laranjo 1996; Agbayani et al. 2000; White and Vogt 2000; Beger 2005; McLanahan et al. 2006; Leverington et al. 2010; Jones et al. 2013
Improve communication/raising awareness	Savina and White 1986; Heinen and Laranjo 1996; Rivera and Newkirk 1997; Courtney And White 2000; White and Vogt 2000; Elliott et al. 2001; Beger 2005; Jones et al. 2013; Gallacher et al. 2016; Mizrahi et al. 2018; Iacarella et al. 2021
Peer pressure	Jones et al. 2013
Increase and secure funding/human resources	Graverstock et al. 2008; Leverington et al. 2010; Rossiter and Levine 2014; Gill et al. 2017
Provide MPA with adequate infrastructure and equipment	Leverington et al. 2010; Ahmad Kamil et al. 2017
Consider the surrounding network of MPAs	Beger and Harborne 2000; Beger 2005
Presence of management objectives and plans	Di Franco et al. 2016; Gallacher et al. 2016; Gill et al. 2017; Jones et al. 2013; McLanahan et al. 2006; Rossiter and Levine 2014
Research/capacity development	White and Vogt 2000; Beger 2005; Jones et al. 2013; Gallacher et al. 2016

**306**  
**307**

**308**     Agardy T, Bridgewater P, Crosby MP, Day J, Dayton PK, Kenchington R, et al. Dangerous targets?  
**309**             Unresolved issues and ideological clashes around marine protected areas *Aquatic*  
**310**             Conservation: Marine and Freshwater Ecosystems 2003;13:353–67.

**311**     Agbayani, R. F., D. B. Baticados, and S. B. Siar. 2000. Community fishery resources management  
**312**             on Malalison Island, Philippines: R&D framework, interventions and policy implications.  
**313**             Coastal Management 28:19–27.

**314**     Ahmad Kamil, Khairunnisa, Atakelty Hailu, Abbie Rogers, e Ram Pandit. «An Assessment of Marine  
**315**             Protected Areas as a Marine Management Strategy in Southeast Asia: A Literature Review».

- 316 Ocean & Coastal Management 145 (1 agosto 2017): 72–81.  
317 <https://doi.org/10.1016/j.ocecoaman.2017.05.008>.
- 318 Beger, M. and A. R. Harborne, 2000. Southern Negros Development Programme. Summary report to  
319 the Municipality of Sipalay. Coral Cay Conservation Ltd., London, unpublished report.
- 320 Dalton TM. Beyond biogeography: a framework for involving the public in planning of U.S. marine  
321 protected areas. *Conservation Biology* 2005;19: 1392–401.
- 322 Di Franco, Antonio, Pierre Thiriet, Giuseppe Di Carlo, Charalampos Dimitriadis, Patrice Francour,  
323 Nicolas L. Gutiérrez, Alain Jeudy de Grissac, Drosos Koutsoubas, Marco Milazzo, María del  
324 Mar Otero, Catherine Piante, Jeremiah Plass-Johnson, Susana Sainz-Trapaga, Luca  
325 Santarossa, Sergi Tudela, and P. Guidetti. 2016. “Five Key Attributes Can Increase Marine  
326 Protected Areas Performance for Small-Scale Fisheries Management.” *Scientific Reports* 6  
327 (1): 38135. <https://doi.org/10.1038/srep38135>.
- 328 Done, T. J., and R. E. Reichelt. 1998. Integrated coastal zone and fisheries ecosystem management:  
329 Generic goals and performance indices. *Ecological Applications* 8(S):110–118.
- 330 Elliott, G., B. Mitchell, B. Wiltshire, I. A. Manan, and S. Wismer. 2001. Community participation in  
331 marine protected area management: Wakatobi National Park, Sulawesi, Indonesia. *Coastal*  
332 *Management* 29:295–316.
- 333 Gallacher, J., N. Simmonds, H. Fellowes, N. Brown, N. Gill, W. Clark, C. Biggs, e L. D. Rodwell.  
334 «Evaluating the Success of a Marine Protected Area: A Systematic Review Approach».  
335 *Journal of Environmental Management* 183 (1 dicembre 2016): 280–93.  
336 <https://doi.org/10.1016/j.jenvman.2016.08.029>.
- 337 Gill, David A., Michael B. Mascia, Gabby N. Ahmadia, Louise Glew, Sarah E. Lester, Megan Barnes,  
338 Ian Craigie, Emily S. Darling, Christopher M. Free, Jonas Geldmann, Susie Holst, Olaf P.  
339 Jensen, Alan T. White, Xavier Basurto, Lauren Coad, Ruth D. Gates, Greg Guannel, Peter J.  
340 Mumby, Hannah Thomas, Sarah Whitmee, Stephen Woodley, and H. E. Fox. 2017. “Capacity  
341 Shortfalls Hinder the Performance of Marine Protected Areas Globally.” *Nature* 543 (7647):  
342 665–69. <https://doi.org/10.1038/nature21708>.
- 343 Gravestock, Pippa, Callum M. Roberts, e Alison Bailey. «The Income Requirements of Marine  
344 Protected Areas». *Ocean & Coastal Management* 51, fasc. 3 (1 gennaio 2008): 272–83.  
345 <https://doi.org/10.1016/j.ocecoaman.2007.09.004>.
- 346 Heinen, A., and A. Laranjo. 1996. Marine sanctuary establish ment: The case of Baliangao Wetland  
347 Park in Danao Bay. in E. M. Ferrer, L. P. dela Cruz, and M. A. Domingo. (eds.), *Seed of hope*.  
348 College of Social Work and Community Development, Quezon City, Philippines.
- 349 Iacarella, Josephine C., Georgia Clyde, Brock J. Bergseth, e Natalie C. Ban. «A Synthesis of the  
350 Prevalence and Drivers of Non-Compliance in Marine Protected Areas». *Biological*  
351 *Conservation* 255 (1 marzo 2021): 108992. <https://doi.org/10.1016/j.biocon.2021.108992>.
- 352 Jones, P. J. S., W. Qiu, e E. M. De Santo. «Governing Marine Protected Areas: Social–Ecological  
353 Resilience through Institutional Diversity». *Marine Policy, Governing marine protected areas:*  
354 *towards social-ecological resilience through institutional diversity*, 41 (1 settembre 2013): 5–  
355 13. <https://doi.org/10.1016/j.marpol.2012.12.026>.

- 356 Leverington, F., K.L. Costa, J. Courrau, H. Pavese, C. Nolte, M. Marr, L. Coad, N. Burgess, B.  
357 Bomhard and M. Hockings. 2010. Management Effectiveness Evaluation in Protected Areas  
358 da Global Study, 2 ed. University of Queensland, Brisbane
- 359 Massinga, A. V. R. (1996) Coastal zone management in Mecufi, Mozambique. Pages 234–240 in O.  
360 Linden and C.G. Lundin (eds.). The journey from Arusha to Seychelles — Successes and  
361 failures of integrated coastal zone management in Eastern Africa and island states. World  
362 Bank and SIDA.
- 363 McClanahan, Timothy, Jamie Davies, e Joseph Maina. «Factors influencing resource users and  
364 managers’ perceptions towards marine protected area management in Kenya». *Environmental*  
365 *Conservation* 32, fasc. 1 (marzo 2005): 42–49. <https://doi.org/10.1017/S0376892904001791>.
- 366 Mizrahi, Me’ira, Amy Diedrich, Rebecca Weeks, e Robert L Pressey. «A Systematic Review of the  
367 Socioeconomic Factors that Influence How Marine Protected Areas Impact on Ecosystems  
368 and Livelihoods». *Society & Natural Resources* 32, fasc. 1 (2 gennaio 2019): 4–20.  
369 <https://doi.org/10.1080/08941920.2018.1489568>.
- 370 Nordlund, Lina M., Ulrike Kloiber, Eleanor Carter, e Sibylle Riedmiller. «Chumbe Island Coral  
371 Park—Governance Analysis». *Marine Policy* 41 (2013): 110.
- 372 Pollnac, R. B., B. R. Crawford, and M. L. G. Gorospe. 2001a. Discovering factors that influence the  
373 success of communitybased marine protected areas in the Visayas, Philippines. *Ocean and*  
374 *Coastal Management* 44:683–710.
- 375 Pomeroy RS, Watson LM, Parks JE, Cid GA. How is your MPA doing? A methodology for  
376 evaluating the management effectiveness of marine protected areas *Ocean & Coastal*  
377 *Management* 2005;48:485–502.
- 378 Pomeroy, R. S., R. B. Pollnac, B. M. Katon, and C. D. Predo. 1997. Evaluating factors contributing  
379 to the success of community-based coastal resource management: The Central Visayas  
380 Regional Project-1, Philippines. *Ocean and Coastal Management* 36:97–120
- 381 Rivera, R., and G. K. Newkirk. 1997. Power from the people: a documentation of nongovernmental  
382 organisations’ experience in Community-Based Coastal Resource Management in the  
383 Philippines. *Ocean and Coastal Management* 36:97–120.
- 384 Rossiter, Jaime Speed, e Arielle Levine. «What Makes a “Successful” Marine Protected Area? The  
385 Unique Context of Hawaii’s Fish Replenishment Areas». *Marine Policy* 44 (febbraio 2014):  
386 196–203. <https://doi.org/10.1016/j.marpol.2013.08.022>.
- 387 Russ, G. R., and A. C. Alcala. 1996. Marine reserves: Rates and patterns of recovery and decline of  
388 large predatory fish. *Ecological Applications* 6:947–961.
- 389 Savina, G. C., and A. T. White. 1986. A tale of two islands: Some lessons for marine resource  
390 management. *Environmental Conservation* 13:107–113.
- 391 Uychiaoco, A. J., P. M. Alin˜o, and A. L. Dantis. 2000. Initiatives in Philippine coastal management:  
392 An overview. *Coastal Management* 28:55–63
- 393 White, A. T., and H. P. Vogt. 2000. Philippine coral reefs under threat: Lessons learned after 25 years  
394 of community-based reef conservation. *Marine Pollution Bulletin* 40:537–550

**395**     **Table S3.** Case studies presented in this review per country of origin.

<b>COUNTRY</b>	<b>No. of case studies</b>
Spain	8
Australia	6
Italy	5
The Philippines	4
France	4
USA	4
Indonesia	3
Colombia	3
Costa Rica	3
Portugal	3
UK	3
Malaysia	2
Madagascar	2
Belize	2
Ecuador	2
Kenya	2
Tanzania	2
Saint Lucia	2
Taiwan	2
The Bahamas	2
Cambodia	1
Singapore	1
Thailand	1
Vietnam	1
Maurice Island	1
Mayetta	1
French Polynesia	1
Reunion Island	1
Antigua and Barbuda	1
Brazil	1
Canada	1
Chile	1
Cyprus	1
Tunisia	1
Algeria	1
Jamaica	1
Papua New Guinea	1
Malta	1
Mexico	1
Northern Irland	1
Seychelles	1

Croatia	1
Greece	1
Barbados	1
Cayman Islands	1
Dominica	1
Honduras	1
Netherlands Antilles	1
Puerto Rico (US)	1
St. Vincent & Grenadines	1
Trinidad & Tobago	1
Turks and Caicos	1
Virgin Islands (US)	1
<b>TOTAL</b>	<b>97</b>