Supplementary Material

# Supplementary Table

**Table S1.** List of studies reviewed

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| Authors | Year | Title |
| Ban N.C., Whitney C., Davies T.E., Buscher E., Lancaster D., Eckert L., Rhodes C., Jacob A.L. | 2017 | Conservation Actions at Global and Local Scales in Marine Social-Ecological Systems: Status, Gaps, and Ways Forward |
| Barclay Frey J., Berkes F. | 2014 | Can partnerships and community-based conservation reverse the decline of coral reef social-ecological systems? |
| Barnett, Allain J.; Anderies, John M. | 2014 | Weak feedbacks, governance mismatches, and the robustness of social-ecological systems: an analysis of the Southwest Nova Scotia lobster fishery with comparison to Maine |
| Begossi A., Salyvonchyk S., Nora V., Lopes P.F., Silvano R.A.M. | 2012 | The paraty artisanal fishery (southeastern Brazilian coast): ethnoecology and management of a social-ecological system (SES) |
| Benham C.F. | 2017 | Aligning public participation with local environmental knowledge in complex marine social-ecological systems |
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| Berkes, Fikret; Seixas, Cristiana S. | 2005 | Building resilience in lagoon social-ecological systems: A local-level perspective |
| Bigagli E. | 2015 | The EU legal framework for the management of marine complex social-ecological systems |
| Bigagli E. | 2016 | The international legal framework for the management of the global oceans social-ecological system |
| Broderstad, Else Grete; Eythorsson, Einar | 2014 | Resilient communities? Collapse and recovery of a social-ecological system in Arctic Norway |
| Burbano, Diana V.; Mena, Carlos F.; Guarderas, Paulina; Vinueza, Luis; Reck, Guenther | 2014 | Shifting Baselines in the Galapagos White Fin Fishery, Using Fisher’s Anecdotes to Reassess Fisheries Management: The Case of the Galapagos Grouper |
| Burkhard, Benjamin; Gee, Kira | 2012 | Establishing the Resilience of a Coastal-marine Social-ecological System to the Installation of Offshore Wind Farms |
| Chalcobsky B.A., Crespo E.A., Coscarella M.A. | 2017 | Whale-watching in Patagonia: What regulation scheme should be implemented when the socio-ecological system is changing? |
| Chang, Chung-Te; Vadeboncoeur, Matthew A.; Lin, Teng-Chiu | 2018 | Resistance and resilience of social-ecological systems to recurrent typhoon disturbance on a subtropical island: Taiwan |
| Chapin F.S.III, Robards M.D., Johnstone J.F., Lantz T.C., Kokelj S.V. | 2013 | Case Study: Novel Socio-Ecological Systems in the North: Potential Pathways Toward Ecological and Societal Resilience |
| Charles A. | 2012 | People, oceans, and scale: Governance, livelihoods, and climate change adaptation in marine social-ecological systems |
| Cinner, Joshua E.; McClanahan, Tim R.; MacNeil, M. Aaron; Graham, Nicholas A. J.; Daw, Tim M.; Mukminin, Ahmad; Feary, David A.; Rabearisoa, Ando L.; Wamukota, Andrew; Jiddawi, Narriman; Campbell, Stuart J.; Baird, Andrew H.; Januchowski-Hartley, Fraser A.; Hamed, Salum; Lahari, Rachael; Morove, Tau; Kuange, John | 2012 | Comanagement of coral reef social-ecological systems |
| Crépin, Anne-Sophie; Gren, Asa; Engstrom, Gustav; Ospina, Daniel | 2017 | Operationalising a social-ecological system perspective on the Arctic Ocean |
| Cullen-Unsworth, Leanne C.; Nordlund, Lina Mtwana; Paddock, Jessica; Baker, Susan; McKenzie, Len J.; Unsworth, Richard K. F. | 2014 | Seagrass meadows globally as a coupled social-ecological system: Implications for human wellbeing |
| D’Anna, Linda M.; Murray, Grant D. | 2015 | Perceptions of shellfish aquaculture in British Columbia and implications for well-being in marine social-ecological systems |
| Daoud, Ibrahim; Oman, Mona Abd-El-Zaher; Alary, Veronique; Moselhy, Naeem; Salal, Ehab; Naga, Adel Aboul; Salama, Omar; Duarte, Laura G.; Tourrand, Jean Francois | 2016 | Adaptation and Resilience in Pastoral Management of the Mediterranean Bedouin Social-Ecological System in the Northwestern Coastal Zone of Egypt |
| Davies, Neil; Field, Dawn; Gavaghan, David; Holbrook, Sally J.; Planes, Serge; Troyer, Matthias; Bonsall, Michael; Claudet, Joachim; Roderick, George; Schmitt, Russell J.; Zettler, Linda Amaral; Berteaux, Veronique; Bossin, Herve C.; Cabasse, Charlotte; Collin, Antoine; Deck, John; Dell, Tony; Dunne, Jennifer; Gates, Ruth; Harfoot, Mike; Hench, James L.; Hopuare, Marania; Kirch, Patrick; Kotoulas, Georgios; Kosenkov, Alex; Kusenko, Alex; Leichter, James J.; Lenihan, Hunter; Magoulas, Antonios; Martinez, Neo; Meyer, Chris; Stoll, Benoit; Swalla, Billie; Tartakovsky, Daniel M.; Murphy, Hinano Teavai; Turyshev, Slava; Valdvinos, Fernanda; Williams, Rich; Wood, Spencer | 2016 | Simulating social-ecological systems: The Island Digital Ecosystem Avatars (IDEA) consortium |
| de Andrés M., Barragán J.M., García Sanabria J. | 2018 | Ecosystem services and urban development in coastal Social-Ecological Systems: The Bay of Cádiz case study |
| Denkinger, Judith; Quiroga, Diego; Carlos Murillo, Juan | 2014 | Assessing Human-Wildlife Conflicts and Benefits of Galapagos Sea Lions on San Cristobal Island, Galapagos |
| Engie, Kim; Quiroga, Diego | 2014 | The Emergence of Recreational Fishing in the Galapagos Marine Reserve: Adaptation and Complexities |
| Faulkner L., Brown K., Quinn T. | 2018 | Analyzing community resilience as an emergent property of dynamic social-ecological systems |
| Ferrol-Schulte D., Wolff M., Ferse S., Glaser M. | 2013 | Sustainable Livelihoods Approach in tropical coastal and marine social-ecological systems: A review |
| Fleischman F.D., Ban N.C., Evans L.S., Ban N.C., Evans L.S., Epstein G., Villamayor-Tomas S., Garcia-Lopez G., Villamayor-Tomas S. | 2014 | Governing large-scale social-ecological systems: Lessons from five cases |
| Forbes, Bruce C. | 2013 | Cultural Resilience of Social-ecological Systems in the Nenets and Yamal-Nenets Autonomous Okrugs, Russia: A Focus on Reindeer Nomads of the Tundra |
| Fuller, Emma C.; Samhouri, Jameal F.; Stoll, Joshua S.; Levin, Simon A.; Watson, James R. | 2017 | Characterizing fisheries connectivity in marine social-ecological systems |
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| Glaser M., Glaeser B. | 2014 | Towards a framework for cross-scale and multi-level analysis of coastal and marine social-ecological systems dynamics |
| Glaser, M.; Krause, G.; Oliveira, R. S.; Fontalvo-Herazo, M. | 2010 | Mangroves and People: A Social-Ecological System |
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| Gordon, Iain J. | 2007 | Linking land to ocean: feedbacks in the management of socio-ecological systems in the Great Barrier Reef catchments |
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| Hu, Mengmeng; Zhang, Junmin; Huang, Jinlou | 2018 | Assessing Social-Ecological System Resilience in Mainland China |
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| Jarre, Astrid; Ragaller, Sven M.; Hutchings, Laurence | 2013 | Long-term, Ecosystem-Scale Changes in the Southern Benguela Marine Pelagic Social-Ecological System: Interaction of Natural and Human Drivers |
| Kaplan-Hallam M., Bennett N.J., Satterfield T. | 2017 | Catching sea cucumber fever in coastal communities: Conceptualizing the impacts of shocks versus trends on social-ecological systems |
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| Leslie, Heather M.; Schlueter, Maja; Cudney-Bueno, Richard; Levin, Simon A. | 2009 | Modeling responses of coupled social-ecological systems of the Gulf of California to anthropogenic and natural perturbations |
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| Rothenberger, Megan; Armstrong, Andrea; Spitz, Mia | 2018 | Social-ecological system responses to Hurricane Sandy in the Hudson-Raritan Estuary |
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| Van Putten I.E., Dichmont C.M., Dutra L.X.C., Thébaud O., Deng R.A., Jebreen E., Owens R., Pascual R., Read M., Thompson C. | 2016 | Objectives for management of socio-ecological systems in the Great Barrier Reef region, Australia |
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| Vugteveen P., Rouwette E., Stouten H., van Katwijk M.M., Hanssen L. | 2015 | Developing social-ecological system indicators using group model building |
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| Whitney, Charlotte K.; Bennett, Nathan J.; Ban, Natalie C.; Allison, Edward H.; Armitage, Derek; Blythe, Jessica L.; Burt, Jenn M.; Cheung, William; Finkbeiner, Elena M.; Kaplan-Hallam, Maery; Perry, Ian; Turner, Nancy J.; Yumagulova, Lilia | 2017 | Adaptive capacity: from assessment to action in coastal social-ecological systems |
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