



Section 4 of Guidebook



The fisheries co-management effectiveness evaluation process: Management effectiveness evaluation

- Boyd, H. & Charles, A. 2006. Creating community-based indicators to monitor sustainability of local fisheries. *Ocean and Coastal Management*, 49: 237–258.
- Bulengela, G., Brehm, J. & Onyango, P. 2021. Co-management in crisis? Reflections from beach management units (BMUs) of Kigoma fishing communities, Tanzania. *International Journal of Contemporary Sociology*, 58(1).
- Butler, J.R.A., Young, J.C., McMyn, I.A.G., Leyshon, B., Graham, I.M., Walker, I., Baxter, J.M., Dodd, J. & Warburton, C. 2015. Evaluating adaptive co-management as conservation conflict resolution: learning from seals and salmon. *Journal of Environmental Management*, 160: 212–225.
- Fox, H.E., Holtzman, J.L., Haisfield, K.M., McNally, C.G., Cid, G.A., Mascia, M.B., Parks, J.E. & Pomeroy, R.S. 2014. How are our MPAs doing? Challenges in assessing global patterns in marine protected area performance. *Coastal Management*, 42(3): 207–226.
- Geldmann, J., Deguignet, M., Balmford, A., Burgess, N.D., Dudley, N.; Hockings, M., Kingston, N., *et al.* 2021. Essential indicators for measuring area-based conservation effectiveness in the post-2020 global biodiversity framework. *Conservation Letters*.
- Heylings, P. & Bravo, M. 2007. Evaluating governance: a process for understanding how co-management is functioning, and why, in the Galapagos Marine Reserve. *Ocean and Coastal Management*, 50(3–4):174–208.
- Ho, N.T.T., Ross, H. & Coutts, J. 2016. Evaluation of social and ecological outcomes of fisheries co-management in Tam Giang Lagoon, Vietnam. *Fisheries Research*, 174: 151–159.
- Hockings, M., Stolton, S., Leverington, F., Dudley, N. & Courrau, J. 2000. [*Evaluating effectiveness: A framework for assessing the management of marine protected areas*](#). Gland, Switzerland and Cambridge, UK, IUCN.
- Kanyange, N., Kimani, P., Onyango, P., Sweenarain, S. & Yvergniaux, Y. 2014. [*Performance assessment of beach Management Units along the coastlines of Kenya and Tanzania*](#). Ebene, Mauritius, Indian Ocean Commission.
- Ogoma, M., Kirui, B., Obwoyere, G., Obura, E. & Otachi, E., 2020. Factors influencing capacity of beach management units in implementing fisheries co-management in a tropical desert lake. *Egerton Journal of Science and Technology*, 17(1–139): 29–49.
- Plummer, R. & Armitage, D., 2007. A resilience-based framework for evaluating adaptive co-management: linking ecology, economics and society in a complex world. *Ecological Economics*, 61(1): 62–74.
- Pomeroy, R.S., McConney, P. & Mahon, R. 2004. Comparative analysis of coastal resource co-management in the Caribbean. *Ocean and Coastal Management*, 47(9–10): 429–447.





Tools for the Guidebook for evaluating fisheries co-management effectiveness

www.fao.org/in-action/kofap/toolbox

- Pomeroy, R.S., Parks, J.E. & Watson, L.M. 2004. *How is your MPA doing? A guidebook of natural and social indicators for evaluating marine protected area management effectiveness*. Gland, Switzerland and Cambridge, UK, IUCN.
- Schultz, L., Duit, A. & Folke, C. 2011. Participation, adaptive co-management, and management performance in the world network of biosphere reserves. *World Development*, 39(4): 662–671.
- Tempesta, M. & Otero, M. 2013. [*Guide for quick evaluation of management in Mediterranean MPAs*](#). WWF Italy and IUCN Center for Mediterranean Cooperation.
- Williams, K.W. & Tai, H.S. 2016. A multi-tier social–ecological system analysis of protected areas co-management in Belize. *Sustainability*, 8(2): 104.
- Yandle, T. 2008. The promise and perils of building a co-management regime: an institutional assessment of New Zealand fisheries management between 1999 and 2005. *Marine Policy*, 32(1): 132–141.



www.fao.org/3/cc2228en/cc2228en.pdf