



MPA Short Course – Reading List & Useful Links

The list below consists of additional reading and useful links related to the content covered in the OCPP's MPA short course. This list is by no way exhaustive but does include some of the key literature on which to build your understanding of the concepts taught throughout the course. (List compiled March 2025)

Foundations of Marine Protected Areas and Global Biodiversity Frameworks

- Convention on Biological Diversity (CBD): <https://www.cbd.int/>
- IUCN Guidelines for Marine Protected Areas: <https://portals.iucn.org/library/efiles/documents/pag-003.pdf>
- IUCN MPAs and Climate Change: <https://www.iucn.org/resources/issues-brief/marine-protected-areas-and-climate-change>
- IUCN 30×30 Guide: Inclusive, Equitable and Effective Implementation of Target 3: <https://iucn.org/resources/grey-literature/30x30-guide-inclusive-equitable-and-effective-implementation-target-3>
- Day, J. C., Laffoley, D. and Zischka, K. 2015. 'Marine protected area management', in G. L. Worboys, M. Lockwood, A. Kothari, S. Feary and I. Pulsford (eds) Protected Area Governance and Management, pp. 609–650, ANU Press, Canberra: <http://press-files.anu.edu.au/downloads/press/p312491/pdf/CHAPTER20.pdf>
- Thomas, L., and Middleton, J. 2003. Guidelines for Management Planning of Protected Areas. IUCN Gland, Switzerland and Cambridge, UK. ix + 79pp: <https://portals.iucn.org/library/efiles/documents/pag-010.pdf>

Threats, Pressures, and Challenges Facing MPAs

- Hamdani, B. 2018. Threats, challenges and opportunities to marine protected areas in the coral triangle area : a case study of Indonesia sea. *World Maritime University Dissertations*. 77pp: https://commons.wmu.se/cgi/viewcontent.cgi?params=/context/all_dissertations/article/1682/&path_info=OSGM_2018_HAMDANI.pdf
- Eschen, R., Kadzamira, M., Stutz, S., Ogunmodede, A., Djeddour, D., Shaw, R., Pratt, C., Varia, S., Constantine, K. and Williams, F. 2023. An updated assessment of the direct costs of invasive non-native species to the United Kingdom. *Biological Invasions*, 25 (10), pp.3265-3276: <https://link.springer.com/article/10.1007/s10530-023-03107-2>
- Alves-Pinto, H., Geldmann, J., Jonas, H., Maioli, V., Balmford, A., Latawiec, A.E., Crouzeilles, R. and Strassburg, B. 2021. Opportunities and challenges of other effective area-based conservation measures (OECMs) for biodiversity conservation. *Perspectives in Ecology and Conservation*, 19 (2), pp.115-120: <https://www.perspectacolconserv.com/en-opportunities-challenges-other-effective-area-based-articulo-S2530064421000043>
- Purvis, A., Molnar, Z., Obura, D., Ichii, K., Willis, K., Chettri, N., Dulloo, E., Hendry, A., Gabrielyan, B., Gutt, J., Jacob, U., Keskin, E., Niamir, A., Öztürk, B., and Jaureguiberry, P. 2019. Chapter 2.2. Status and Trends – Nature. In: *Global assessment report of the Intergovernmental Science Policy Platform on Biodiversity and Ecosystem Services*. Brondízio, E. S., Settele, J., Díaz, S., Ngo, H. T. (eds). IPBES secretariat, Bonn, Germany: <https://www.ipbes.net/system/files/2021->

Ecosystem Services, Socio-economic Values, and Human Well-being

- Ghermandi, A. and Nunes, P.A., 2013. A global map of coastal recreation values: Results from a spatially explicit meta-analysis. *Ecological economics*, 86, pp.1-15: <http://dx.doi.org/10.2139/ssrn.1904842>
- Lopez-Rivas, J.D. and Cardenas, J.C., 2024. What is the economic value of coastal and marine ecosystem services? A systematic literature review. *Marine Policy*, 161, p.106033.:<https://www.sciencedirect.com/science/article/pii/S0308597X24000319>
- Convention of International Trade in Endangered Species of Wild Fauna and Flora (CITES) Brochure: [Brochure UNEP CITES eng.pdf](#)

Monitoring, Indicators, and Adaptive Management of MPAs

- Tony, A.B.R. 2020. Adaptive management in context of MPAs: Challenges and opportunities for implementation. *Journal for Nature Conservation*, 56, p.125864: <https://doi.org/10.1016/j.jnc.2020.125864>
- Conservation and Sustainable Use of the Mesoamerican Barrier Reef System Project (MBRS) – Recommendations on Methodology for Monitoring the Effectiveness of MPA Management: <https://marfund.org/en/wp-content/uploads/2020/03/Recommendations-Methodology-for-Monitoring.pdf>
- Wilkinson, C.R., Green, A., Almany, J. and Dionne, S. 2003. Monitoring coral reef marine protected areas: A practical guide on how monitoring can support effective management of MPAs: <https://repository.library.noaa.gov/view/noaa/10859>
- Heink, U. and Kowarik, I. 2010. What are indicators? On the definition of indicators in ecology and environmental planning. *Ecological indicators*, 10 (3), pp.584-593: <https://doi.org/10.1016/j.ecolind.2009.09.009>


Ghana-Specific Marine, Coastal, and Environmental Context

Marine and Coastal Environment

- State of the Marine Environment Report for the Western Region of Ghana: <https://action.oceanpanel.org/initiative/ghana/the-state-of-the-marine-environment-report-for-the-western-region-of-ghana/>
- Amlalo, D.S. 2006. The protection, management and development of the marine and coastal environment of Ghana. *Administering Marine Spaces: International Issues*, 148: https://www.fig.net/resources/publications/figpub/pub36/chapters/chapter_10.pdf
- deGraft-Johnson, K.A.A., Blay, J., Nunoo, F.K.E., Amankwah, C.C. 2010. Biodiversity Threats Assessment of the Western Region of Ghana. *The Integrated Coastal and Fisheries Governance (ICFG) Initiative Ghana*: https://www.crc.uri.edu/download/GH2009ICM003_5081.pdf

Coastal Erosion, Climate Change, and Vulnerability

- Mensah, J. and Mattah, P.A. 2023. Illegal sand mining in coastal Ghana: The drivers and the way forward. *The Extractive Industries and Society*, 13, p.101224. Illegal sand mining in coastal Ghana: <https://doi.org/10.1016/j.exis.2023.101224>
- Avorny, S.Y., Addo, K.A., Teatini, P., Minderhoud, P., Woillez, M.N., Jayson-Quashigah, P.N. and Mahu, E. 2023. A scoping review of coastal vulnerability, subsidence and sea level rise in Ghana: Assessments, knowledge gaps and



management implications. *Quaternary Science Advances*, 12, p.100108:
<https://doi.org/10.1016/j.qsa.2023.100108>

- Appeaning Addo, K., Larbi, L., Amisigo, B. and Ofori-Danson, P.K. 2011. Impacts of coastal inundation due to climate change in a cluster of urban coastal communities in Ghana, West Africa. *Remote Sensing*, 3(9), pp.2029-2050:
<https://doi.org/10.3390/rs3092029>
- UNESCO Article: Ghana's coastline, swallowed by the sea:
<https://courier.unesco.org/en/articles/ghanas-coastline-swallowed-sea>
- Wenzel, L., Cannizzo, Z., Stephenson, F., Orchard, S., Clarkson, S., Weather, E., Howe, S., Kirkland, A. and Becker, D. 2025. Establishing Marine Protected Areas in a Changing Climate. IUCN: Gland, Switzerland: [Establishing marine protected areas in a changing climate | IUCN Library System](#)

Mangroves and Coastal Ecosystems

- Nunoo, F.K. and Agyekumhene, A., 2022. Mangrove degradation and management practices along the Coast of Ghana: <https://doi.org/10.4236/as.2022.1310065>
- One Ocean Hub – Ghana: Impact of mangrove selective logging upon estuarine trophodynamics in Ghana: https://oneoceanhub.org/wp-content/uploads/2024/05/ANgrove-logging_REH_Trophic-Ecosystem-Functioning_OOH-deliverable.pdf

Fisheries, Extractives, and Livelihoods

- Akpalu, W. and Eggert, H. 2021. The economic, social and ecological performance of the industrial trawl fishery in Ghana: Application of the FPIs. *Marine Policy*, 125, p.104241: <https://doi.org/10.1016/j.marpol.2020.104241>
- Acheampong, M. 2018. Assessing the Impacts of Ghana's Oil and Gas Industry on Ecosystem Services and Smallholder Livelihoods. USF Tampa Graduate Theses and Dissertations:
<https://digitalcommons.usf.edu/cgi/viewcontent.cgi?article=9297&context=etd>
- Mohammed, A.S., Graham, E. and Dary, S.K. 2022. Rising expectations and dying hopes: Local perceptions of oil and gas extraction in Ghana. *Energy Research & Social Science*, 88, p.102529: <https://doi.org/10.1016/j.erss.2022.102529>

Urbanisation, Tourism, and Social Change

- Government of Ghana. 2012. Ghana National Urban Policy Action Plan: <https://nupdb.urbanpolicyplatform.org/storage/app/public/pdf/IVN03RFxbiT1SO1kJmDfyuxnBCL0aEPqph9azwws.pdf>
- Country statistics of Ghana: <https://www.geo-ref.net/ph/gha.htm>
- Government of Ghana. 2022. Ghana Tourism Report 2022: <https://ghana.travel/wp-content/uploads/2023/04/TOURISM-REPORT-2022-Final.pdf>
- Guri, E.A.I., Osumanu, I.K. and Bonye, S.Z. 2021. Eco-cultural tourism development in Ghana: potentials and expected benefits in the Lawra Municipality. *Journal of Tourism and Cultural Change*, 19 (4), pp.458-476:
<https://www.tandfonline.com/doi/full/10.1080/14766825.2020.1737095>
- Afrifah, M. 2014. Diaspora tourism and homeland development: exploring the impacts of African American tourists on the livelihoods of local traders in southern Ghana (Doctoral dissertation, King's College London (University of London)):
<https://www.tandfonline.com/doi/full/10.1080/19376812.2021.1997612>

- Tutu, B.O., Nkansah, B.R., Yeboah, N.A.S., Atupra, F., Daddey-Adjei, R.K. and Darko, D.A. 2024. Salt production and iodization practices among artisanal salt producers in selected districts within the Greater Accra and Central Regions of Ghana. *Heliyon*, 10 (8): <https://doi.org/10.1016/j.heliyon.2024.e29621>

Ghana-specific MPA implementation, governance, stakeholder engagement and livelihoods

- Ocean Country Partnership Programme (OCP): Beyond MPA Designation in Ghana (2025): <https://jncc.gov.uk/resources/44f40c78-de5a-4e59-9cbc-8f59ae8cda80>
- Strategic Roadmap for the Implementation of Marine Protected Areas in Ghana (2025): <https://jncc.gov.uk/resources/1b67cea3-717d-4e10-ba8b-53aeb5785f5e>
- Livelihoods Risk Mitigation Policy Framework for MPA Implementation in Ghana (2026): <https://jncc.gov.uk/resources/a60e072c-58dc-498e-92d8-6eebce86e449>

Marine Spatial Planning (MSP) – Global and Regional Guidance

- UNESCO-IOC/European Commission. 2021. MSPglobal International Guide on Marine/Maritime Spatial Planning. Paris, UNESCO. (IOC Manuals and Guides no 89): <https://www.mspglobal2030.org/msp-global/international-msp-guidance/>
- MSP Global– MSP around the world: <https://www.mspglobal2030.org/msp-roadmap/msp-around-the-world/>
- MSP Global– MSP around the world: Africa: <https://www.mspglobal2030.org/msp-roadmap/msp-around-the-world/africa/>
- Mami Wata Ghana MSP Pilot: <https://mamiwataproject.org/pilot-projects/pilot-projects-ghana-further-details/>

National and International Marine Planning Examples

- Marine Planning in England (DEFRA / MMO): <https://www.gov.uk/government/collections/marine-planning-in-england>
- MMO Marine Plans Explorer: <https://environment.data.gov.uk/marine-plans-explorer>
- MMO Evidence Projects Register: <https://www.gov.uk/government/publications/evidence-and-the-marine-management-organisation-mmo/evidence-projects-register>

Example MPA Management Plans

- Greater Cape Three Points Marine Protected Area (Ghana) – Management Plan Framework (2026): A participatory, implementation-focused framework setting out vision, objectives, governance arrangements, pressures, and strategic management responses for Ghana’s proposed Greater Cape Three Points MPA: <https://jncc.gov.uk/resources/233a2802-61e8-4514-ad24-3cc998cbefc4>
- Aldabra Atoll Management Plan 2016 (Seychelles): <https://www.sif.sc/sites/default/files/downloads/Aldabra%20Atoll%20Management%20Plan.pdf>
- Natural Resource Management Plan Anaho Island National Wildlife Refuge (USA): https://conservationstandards.org/wp-content/uploads/sites/3/2020/10/Anaho_NRMP_082815_WEB_508.pdf

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- The Ascension Island Marine Protected Area Management Plan 2021-2026 (Ascension Island): <https://www.ascension.gov.ac/wp-content/uploads/2020/11/MPA-Management-Plan-2021-26-Final-compressed-1.pdf>
 - Bardi Jawi Gaarra Marine Park, joint Management Plan 2022 (Australia): <https://www.dbca.wa.gov.au/management/plans/bardi-jawi-gaarra-marine-park>
 - Coral Sea Marine Park Management Plan 2018 (Australia): <https://parksaustralia.gov.au/marine/pub/plans/coral-sea-management-plan-2018.pdf>
 - Management Plan Glover's Reef Marine Reserve 2019-2023 (Belize): <https://tools.thecpag.org/sites/default/files/2021-02/Glovers%20Reef MR MP%202019%20-%202023.pdf>
 - Papahānaumokuākea Marine National Monument Management Plan 2008 (USA): https://nmspapahanaumokuakea.blob.core.windows.net/papahanaumokuakea-prod/media/archive/new-about/management/pdfs/vol1_mmp08.pdf

Regional Guidance (West Africa)

- Guide méthodologique pour l'élaboration des plans de gestion des AMP en Afrique de l'Ouest (available in French only): https://medpan.org/sites/default/files/media/downloads/guide_paq_rampao.pdf