

## LIST OF PUBLICATIONS (as at 10<sup>th</sup> October 2022)

### Peer Reviewed Journals

1. Mgaya, Y.D., 1992. Density and production of *Clinocottus globiceps* and *Oligocottus maculosus* (Cottidae) in tidepools at Helby Island, British Columbia. *Marine Ecology Progress Series* 85: 219-225.
2. Machiwa, J.F., Mgaya, Y.D. and Ndaro, S.G.M., 1992. A preliminary consideration of the role of mangroves in nutrient and organic fluxes in the Rufiji delta system, Tanzania. *East Africa Journal of Sciences* 1B(1): 15-27.
3. Mgaya, Y.D. and Mercer, J.P., 1994. A review of the biology, ecology, fisheries and mariculture of the abalone, *Haliotis tuberculata* Linnaeus 1758 (Gastropoda: Haliotidae). *Biology and Environment: Proceedings of the Royal Irish Academy* 94B(3): 285-304.
4. Mgaya, Y.D., 1995. Age and growth analysis of the mosshead sculpin *Clinocottus globiceps* Girard from Helby Island, British Columbia. *Journal of Applied Ichthyology* 11(1-2): 50-59.
5. Mgaya, Y.D., 1995. Synopsis of biological data on the European abalone (ormer), *Haliotis tuberculata* Linnaeus 1758 (Gastropoda: Haliotidae). *FAO Fisheries Synopsis* 156: 1-28.
6. Mgaya, Y.D. and Mercer, J.P., 1995. The effects of size grading and stocking density on growth performance of juvenile abalone, *Haliotis tuberculata* Linnaeus. *Aquaculture* 136: 297-312.
7. Mgaya, Y.D. and Mercer, J.P., 1995. Characterisation of size variability and the effect of intraspecific competition on the development of size variation in the abalone, *Haliotis tuberculata* Linnaeus. *Biology and Environment: Proceedings of the Royal Irish Academy* 95B(2): 77-86.
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9. Mgaya, Y.D., 1997. Global warming: a threat to human societies and natural ecosystems. *Tanzania Journal of Science* 22&23: 65-74.
10. Nzali, L.M., Johnstone, R. and Mgaya, Y.D., 1998. Factors affecting coral recruitment on a nearshore reef in Tanzania. *Ambio* 27(8): 717-722.
11. Semesi, A.K., Mgaya, Y.D., Muruke, M.H.S., Francis, J., Mtolera, M. and Msumi, G., 1998. Coastal resources utilization and conservation issues in Bagamoyo. *Ambio* 27(8): 635-644.
12. Mgaya, Y.D., 2000. A quantitative genetic analysis of juvenile growth for the abalone *Haliotis tuberculata* Linnaeus. *Recent Advances in Marine Biotechnology (Aquaculture)* 4A: 59-73.
13. Mgaya, Y.D., 2001. Experimental spat collecting of the edible oyster, *Saccostrea cucullata* Born (Bivalvia) in the Kunduchi Creek, Dar es Salaam. *Tanzania Journal of Science* 27A: 67-81.
14. Hartnoll, R.G., Cannicci, S., Emmerson, W.D., Fratini, S., Macia, A., Mgaya, Y., Porri, F., Ruwa, R.K., Shunula, J.P., Skov, M.W., Vannini, M., 2002. Geographic trends in mangrove crab abundance in East Africa. *Wetlands Ecology and Management* 10: 203-213.
15. Guard, M. and Mgaya, Y.D., 2002. The artisanal fishery for *Octopus cyanea* Gray (1849) in Tanzania. *Ambio* 31(7-8): 528-536.
16. Chande, A.I. and Mgaya, Y.D., 2003. The fishery of *Portunus pelagicus* and species diversity of portunid crabs along the coast of Dar es Salaam, Tanzania. *Western Indian Ocean Journal of Marine Science* 2(1): 75-84.
17. Teikwa, E.D. and Mgaya, Y.D., 2003. Abundance and reproductive biology of Penaeid prawns of Bagamoyo coastal waters, Tanzania. *Western Indian Ocean Journal of Marine Science* 2(2): 117-126.
18. Kamukuru, A.T. and Mgaya, Y.D., 2004. The food and feeding habits of blackspot snapper, *Lutjanus fulviflamma* (Pisces: Lutjanidae) in shallow waters of Mafia Island, Tanzania. *African Journal of Ecology* 42(1): 49-58.

19. Kuguru, B.L., Mgya, Y.D., Öhman, M.C., and Wagner, G.M., 2004. The reef environment and competitive success in the Corallimorpharia. *Marine Biology* (Berlin) 145: 875-884.
20. Chande, A.I. and Mgya, Y.D., 2004. Food habits of the blue swimming crab *Portunus pelagicus* along the coast of Dar es Salaam. *Western Indian Ocean Journal of Marine Science* 3(1): 37-42.
21. Kamukuru, A.T. and Mgya, Y.D., 2004. Effects of exploitation on reproductive capacity of blackspot snapper, *Lutjanus fulviflamma* (Pisces: Lutjanidae) in Mafia Island, Tanzania. *African Journal of Ecology* 42: 270-280.
22. Kamukuru, A.T., Mgya, Y.D. and Öhman, M., 2004. Evaluating a marine protected area in a developing country: Mafia Island Marine Park, Tanzania. *Ocean and Coastal Management* 47(7-8): 321-337.
23. Mmbaga, T.K. and Mgya, Y.D., 2004. Sea cucumber fishery in Tanzania: Identifying the gaps in resource inventory and management. *FAO Fisheries Technical Paper* 463: 193-203.
24. Kamukuru, A.T. Hecht, T. and Mgya, Y.D., 2005. Effects of exploitation on age, growth and mortality of the blackspot snapper, *Lutjanus fulviflamma* (Lutjanidae) in Mafia Island, Tanzania. *Journal of Fisheries Management and Ecology* 12: 45-55.
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26. Lugomela, C., Pratap, H.B. and Mgya, Y.D., 2006. Cyanobacteria blooms—a possible cause of mass mortality of Lesser Flamingos in Lake Manyara and Lake Big Momela, Tanzania. *Harmful Algae* 5: 534-541.
27. Lugendo, B.R., Nagelkerken, I., der Velde, G., and Mgya, Y.D., 2006. The importance of mangroves, mud/sand flats and seagrass beds as feeding areas for juvenile fishes in Chwaka Bay, Zanzibar: gut content and stable isotope analysis. *Journal of Fish Biology* 69: 1639-1661.
28. Kimirei, I.A. and Mgya, Y.D., 2006. Assessment of the status of *Lates stappersii* (Centropomidae) stock in lift-net fishery in Lake Tanganyika, Kigoma, Tanzania. *Tanzania Journal of Science* 32(2): 1-12.
29. Mwitwa, C.J., Nkwengulila, G. and Mgya, Y.D., 2006. Lake Victoria parasites of clariid fishes 18S ribosomal nucleotide sequences. GeneBank, Acc. No. DQ813444-DQ813465. In: [www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov)
30. Mwitwa, C.J., Nkwengulila, G. and Mgya, Y.D., 2006. Lake Victoria parasites of clariid fishes cyt. b.nucleotide sequences. GeneBank, Acc. No. DQ646345-DQ646374. In: [www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov)
31. Conand, C., Muthiga, N., Aumeeruddy, R., De La Torre Castro, M., Frouin, P., Mgya, Y., Mirault, E., Ochiewo, J., and Rasolofonirina, R., 2006. A three-year project on sea cucumbers in the southwestern Indian Ocean: National and regional analyses to improve management. *SPC Beche-de-mer Information Bulletin* No. 23: 11-15.
32. Lugendo, B.R., Nagelkerken, I., Jiddawi, N., Mgya, Y.D. and van der Velde, G., 2007. Fish community composition of a tropical non-estuarine embayment in Zanzibar, Tanzania. *Fisheries Science* 73: 1213-1223.
33. Lugendo, B.R., Nagelkerken, I., Kruitwagen, G., van der Velde, G. and Mgya, Y.D. 2007. The relative importance of mangroves as feeding habitats for fishes: A comparison among mangrove habitats with different settings. *Bulletin of Marine Science* 80(3): 497-512.
34. Lugendo, B.R., de Groene, A., Cornelissen, I., Pronker, A., Nagelkerken, I., der Velde, G., and Mgya, Y.D., 2007. Spatial and temporal variation in fish community of a marine embayment in Zanzibar, Tanzania. *Hydrobiologia* 586: 1-16.
35. Kimirei, I.A. and Mgya, Y.D., 2007. Influence of environmental factors on seasonal changes in clupeid catches in the Kigoma area of Lake Tanganyika. *African Journal of Aquatic Science* 32(3): 291–298.
36. Kaaya, L-T., Lugomela, C. and Mgya, Y.D., 2007. Spatial and temporal variations in phytoplankton species composition, abundance, biomass and productivity in the selected Momela Lakes, Arusha, Tanzania. *Discovery and*

37. Kimirei, I.A. and Mgaya, Y.D. and Chande, A.I., 2008. Changes in species composition and abundance of commercially important fish population in Kigoma Area, Lake Tanganyika, Tanzania. *Aquatic Ecosystem Health and Management* 11(1): 29-35.
38. Lyimo, T.J., Mvungi, E.F. and Mgaya, Y.D., 2008. Abundance and diversity of seagrass and macrofauna in the intertidal areas with and without seaweed farming activities in the east coast of Zanzibar. *Tanzania Journal of Science* 34: 41-52.
39. Mwandya, A.W., Gullström, M., Öhman, M.C., Andersson, M.H. and Mgaya, Y.D., 2009. Fish assemblages in Tanzanian mangrove creek systems influenced by solar salt farm constructions. *Estuarine, Coastal and Shelf Science* 82: 193-200.
40. Penha-Lopes, G., Bartolini, F., Limbu, S., Cannicci, S., Mgaya, Y., Kristensen, E. and Paula, J., 2010. Ecosystem engineering potential of the gastropod *Terebralia palustris* (Linnaeus, 1767) in mangrove wastewater wetlands - A controlled mesocosm experiment. *Environmental Pollution* 158: 258-266.
41. Mwandya, A.W., Mgaya, Y.D., Öhman M.C., Bryceson, I., and Gullström, M., 2010. Distribution patterns of the striped mullet (*Mugil cephalus*) in mangrove creeks of Zanzibar, Tanzania. *African Journal of Marine Science* 32(1): 85-93.
42. Kruitwagen, G., Nagelkerken, I., Lugendo, B.R., Mgaya, Y.D. and Wendelaar Bonga, S.E., 2010. Importance of different carbon sources for macroinvertebrates and fishes of an interlinked mangrove-mudflat ecosystem (Tanzania). *Estuarine, Coastal and Shelf Science* 88: 464-472.
43. Mwandya, A.W., Gullström, M., Andersson, M.H., Öhman M.C., Mgaya, Y.D. and Bryceson, I., 2010. Spatial and seasonal variations of fish assemblages in mangrove creek systems in Zanzibar (Tanzania). *Estuarine, Coastal and Shelf Science* 89: 277-286.
44. Oenga, D.N., Mgaya, Y.D., Mbahinzireki, G., Shoko, A.P. and Nyanchiri, E.M., 2010. Evaluation of yields and growth performance of Nile tilapia (*Oreochromis niloticus*), with ningu (*Labeo victorinus*) and African catfish (*Clarias gariepinus*) in earthen ponds in Kenya. *Journal of the National Aquatic Resources Research and Development Agency* 40: 33-47.
45. Kimirei, I.A., Nagelkerken, I., Griffioen, B., Wagner, C. and Mgaya, Y.D., 2011. Ontogenetic habitat use by mangrove/seagrass-associated coral reef fishes shows flexibility in time and space. *Estuarine, Coastal and Shelf Science* 92: 47-58.
46. Igulu, M.M., Nagelkerken, I., Fraaije, R., van Hintum, R., Ligtenberg, H. and Mgaya, Y.D., 2011. The potential role of visual cues for microhabitat selection during the early life phase of a coral reef fish (*Lutjanus fulviflamma*). *Journal of Experimental Marine Biology and Ecology* 401: 118-125.
47. Yahya, S.A.S., Gullström, M., Öhman, M.C., Jiddawi, N.S., Andersson, M.H., Mgaya, Y.D. and Lindahl, U., 2011. Coral bleaching and habitat effects on colonization of reef fish assemblages: an experimental study. *Estuarine, Coastal and Shelf Science* 94: 16-23.
48. Shoko, A.P., Getabu, A., Mwayuli, G. and Mgaya, Y.D., 2011. Growth performance, yields and economic benefits of Nile tilapia *Oreochromis niloticus* and kales *Brassica oleracea* cultured under vegetable-fish culture integration. *Tanzania Journal of Science* 37: 37-48.
49. Hamerlynck, O., Duvail, S., Vandepitte, L., Kindinda, K., Nyingi, D.W., Paul, J.-L., Yanda, P.Z., Mwakalinga, A.B., Mgaya, Y.D. and Snoeks, J., 2011. To connect or not to connect – floods, fisheries and livelihoods in the Lower Rufiji floodplain lakes, Tanzania. *Hydrological Sciences Journal* 56 (8): 1436-1451.
50. Kayanda, R., Everson, I., Munyaho, T. and Mgaya, Y.D., 2012. Target strength measurements of Nile perch (*Lates niloticus*: Linnaeus, 1758) in Lake Victoria, East Africa. *Fisheries Research* 113: 76-83.
51. Slater, M.J., Mgaya, Y.D., Mill, A.C., Rushton, S.P. Stead, S.M., 2013. Effect of social and economic drivers on choosing aquaculture as a coastal livelihood. *Ocean and Coastal Management* 73: 22-30.

52. Kimirei, I.A., Nagelkerken, I., Mgaya, Y.D. and Huijbers, C.M., 2013. The mangrove nursery paradigm revisited: otolith stable isotopes support nursery-to-reef movements by Indo-Pacific fishes. *PLOS ONE* 8(6): 1-8.
53. Kimirei, I.A., Nagelkerken, I., Trommelen, M., Blankers, P., van Hoytema, N., Hoeijmakers, D., Rypel, A.L., Huijbers, C.M. and Mgaya, Y.D., 2013. What drives ontogenetic niche shifts in reef fishes? *Ecosystems* 16: 783-796.
54. Igulu, M.M., Nagelkerken, I., van der Velde, G. and Mgaya, Y.D., 2013. Mangrove fish production is largely fuelled by external food sources: a stable isotope analysis at the individual, species, and community levels from across the globe. *Ecosystems* 16: 1336-1352.
55. Igulu, M.M., Nagelkerken, I., van der Beek, M., Schippers, M., van Eck, R. and Mgaya, Y.D., 2013. Orientation from open water to settlement habitats by coral reef fish: behavioral flexibility in the use of multiple reliable cues. *Marine Ecology Progress Series* 494: 243-257.
56. Mgana, H.F., Herzig, A. and Mgaya, Y.D., 2014. Diel vertical distribution and life history characteristics of *Tropodiatomus simplex* and its importance in the diet of *Stolothrissa tanganyicae*, Kigoma, Tanzania. *Aquatic Ecosystem Health & Management* 17(1): 14-24.
57. Slater, M.J., Mgaya, Y.D. and Stead, S.M., 2014. Perceptions of rule-breaking related to marine ecosystem health. *PLOS ONE* 9(2): 1-8.
58. Shoko, A.P., Limbu, S.M., Mrosso, H.D.L. and Mgaya, Y.D., 2014. A comparison of diurnal dynamics of water quality parameters in Nile tilapia (*Oreochromis niloticus*, Linnaeus, 1758) monoculture and polyculture with African sharp tooth catfish (*Clarias gariepinus*, Burchell, 1822) in earthen ponds. *International Aquatic Research* 6(1): 1-13.
59. Elias, J., Ijumba, J.N., Mgaya, Y.D. and Mamboya, F.A., 2014. Study on freshwater macroinvertebrates of some Tanzanian rivers as a basis for developing biomonitoring index for assessing pollution in tropical African regions. *Journal of Ecosystems* <http://dx.doi.org/10.1155/2014/985389>, 1-8.
60. Igulu, M.M., Nagelkerken, I., Dorenbosch, M., Grol, M.G.G., Harbone, A.R., Kimirei, I.A., Mumby, P.J., Olds, A.D. and Mgaya, Y.D., 2014. Mangrove habitat use by juvenile reef fish: meta-analysis reveals that tidal regime matters more than biogeographic region. *PLOS ONE* 9(12): e114715. <https://doi.org/10.1371/journal.pone.0114715>.
61. Waya, R.K., Limbu, S.M., Ngupula, G.W., Mwita, C.J. and Mgaya, Y.D., 2014. Spatial patterns of zooplankton distribution and abundance in relation to phytoplankton, fish catch and some water quality parameters at Shirati bay, Lake Victoria-Tanzania. *Tanzania Journal of Science* 40: 20-33.
62. Kimirei, I.A., Nagelkerken, I., Slooter, N., Gonzalez, E.T., Huijbers, C.M., Mgaya, Y.D. and Rypel, A.L., 2015. Demography of fish populations reveals new challenges in appraising juvenile habitat values. *Marine Ecology Progress Series* 518: 225-237.
63. Limbu, S.M., Shoko, A.P., Shirima, E.D., Lamtane, H.A., Kische-Machumu, M.A., Mgana, H.F. and Mgaya, Y.D., 2015. Effect of initial stocking size of the predatory African catfish (*Clarias gariepinus*) on recruits, growth performance, survival and yield of mixed-sex Nile tilapia (*Oreochromis niloticus*) in concrete tank culture system. *International Aquatic Research* 7: 63-73.
64. Shoko, A.P., Limbu, S.M., Mrosso, H.D.L. and Mgaya, Y.D., 2015. Reproductive biology of female Nile tilapia, *Oreochromis niloticus* (Linnaeus) reared under monoculture and polyculture with sharp-tooth catfish (*Clarias gariepinus*, Burchell). *SpringerPlus* 4: 275-283.
65. Gaspare, L., Bryceson, I. and Mgaya, Y., 2015. Temporal and spatial trends in size, biomass and abundance of groupers (Epinephelinae) in Mafia Island Marine Park: Fishers' perceptions and underwater visual census surveys. *Fisheries Management and Ecology* 22: 337-348.
66. Shoko, A.P., Limbu, S.M., Mrosso, H.D.L., Mkenda, A.F. and Mgaya, Y.D., 2016. Effect of stocking density on growth, production and economic benefits of mixed sex Nile tilapia (*Oreochromis niloticus*) and African sharp-tooth catfish (*Clarias gariepinus*) in polyculture and monoculture. *Aquaculture Research* 47: 36-50.

67. Shoko, A.P., Limbu, S.M., and Mgaya, Y.D., 2016. Effect of stocking density on growth performance, survival, production and economic benefits of African sharptooth catfish (*Clarias gariepinus*) monoculture in earthen ponds. *Journal of Applied Aquaculture*, <https://doi.org/10.1080/10454438.2016.1188338>.
68. Limbu, S.M., Shoko, A.P., Lamtane, H.A., Kische-Machumu, M.A., Joram, M.C., Mbonde, A.S., Mgana, H.F., Mgaya, Y.D., 2016. Supplemental effects of mixed ingredients and rice bran on the growth performance, survival and yield of Nile tilapia, *Oreochromis niloticus* reared in fertilized earthen ponds. *SpringerPlus* 5(1): 1-13.
69. Limbu, S.M., Shoko, A.P., Lamtane, H.A., Kische-Machumu, M.A., Joram, M.C., Mbonde, A.S., Mgana, H.F. and Mgaya, Y.D., 2016. Fish pond aquaculture system integrated with vegetable farming improves yield and economic benefits of small-scale farmers. *Aquaculture Research*, 1-14. <https://doi.org/10.1111/are.13188>
70. Waya, R.K., Limbu, S.M., Ngupula, G.W., Mwita, C.J. and Mgaya, Y.D., 2017. Temporal patterns in phytoplankton, zooplankton and fish composition, abundance and biomass in Shirati Bay, Lake Victoria, Tanzania. *Lakes and Reservoirs: Research and Management* 22: 19-42.
71. Mbonde, A.S., Limbu, S.M., Shoko, A.P. and Mgaya, Y.D., 2017. Phytoplankton and food selectivity in Nile tilapia reared in earthen ponds under monoculture and polyculture with African sharptooth catfish. *Journal of Aquaculture in the Tropics* 32(1): 15-38.
72. Mwakosya, C.A., Mgaya, Y.D. and Jiddawi, N.S., 2018. Genetic connectivity of *Fenneropenaeus indicus* (H. Milne Edwards 1837) among three prawn fishing grounds of Tanzanian coastal waters. *Regional Studies in Marine Science* 24: 107-112.
73. Shoko, A.P., Limbu, S.M., Lamtane, H.A., Kische-Machumu, M.A., Sekadende, B., Ulotu, E.E., Masanja, J.C., and Mgaya, Y.D., 2019. The role of fish-poultry integration on fish growth performance, yields and economic benefits among smallholder farmers in sub-Saharan Africa, Tanzania. *African Journal of Aquatic Science* 44(1): <https://doi.org/10.2989/16085914.2018.1555512>
74. Chande, M.A., Mgaya, Y.D., Benno, L.B. and Limbu, S.M., 2021. The influence of environmental variables on the abundance and temporal distribution of *Octopus cyanea* around Mafia Island, Tanzania. *Fisheries Research* 241: <https://doi.org/10.1016/j.fishres.2021.105991>
75. Johnson M.G., Mgaya Y.D. and Shaghude Y.W., 2021. Analysis of the genetic stock structure and phylogenetic relationship of narrow-barred Spanish mackerel *Scomberomorus commerson* (Lacépède, 1800) along the Northern Tanzanian coastal waters using mitochondrial DNA. *Regional Studies in Marine Science* 46: <https://doi.org/10.1016/j.rsma.2021.101862>
76. Derua Y.A., Tungu, P.K., Malima, R.C., Mwingira, V., Kimambo, A.G., Batengana, B.M., Machafuko, P., Sambu, E.Z., Mgaya, Y.D. and Kisinza, W.N., 2022. Laboratory and semi-field evaluation of the efficacy of *Bacillus thuringiensis* var. *israelensis* (Bactivec®) and *Bacillus sphaericus* (Griselesf®) for control of mosquito vectors in northeastern Tanzania. *Current Research in Parasitology & Vector-Borne Diseases* 2 (2022): <https://doi.org/10.1016/j.crvbd.2022.100089>
77. Johnson M.G., Mgaya Y.D. and Shaghude Y.W., 2021. Growth, mortality and reproductive biology of narrow-barred Spanish mackerel *Scomberomorus commerson* (Lacépède, 1800) along the Northern Tanzanian coastal waters. *Fisheries Research* (Submitted).
78. Simtoe, A.P., Lugendo, B.R. and Mgaya, Y.D., 2022. Efficacy of natural herbal dietary additives (*Curcuma longa*, *Pericarpium citri reticulatae* and *Pericarpium citri reticulatae viride*) extracts on feed utilization, growth performance, and bactericidal effect of farmed *Penaeus monodon* challenged with pathogenic *Vibrio harveyi*. *Aquaculture Research* (under review).

## Books and Chapters in Books

### (a) Books

79. Mgaya, Y.D., Kimaro, S., Mwanuo, M., Sobo, F.A.S., Msuya, F., Mahika, C.G., Kalangahe, B., Lema, R., Kibassa, J., Haws, M. and Tobey, J., 1999. Tanzania Mariculture Issue Profile. Tanzania Coastal Management Partnership and Mariculture Working Group, Dar es Salaam. University of Rhode Island Coastal Resources Center, U.S.A. 102

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80. Kulindwa, K., Sosovele, H. and Mgaya, Y.D., 2001. Socio-Economic Dimensions of Biodiversity Loss in Tanzania. Dar es Salaam University Press, Dar es Salaam. 127 pp.
81. Mgaya, Y.D., Mwamsojo, G.U.J., Lema, R., Sobo, F.A.S., Kimaro, S., Maly, R., Mwanuo, M., Mhitu, H.A., Kalangahe, B., Mwaipopo, D., Mahenge, J., Masanja, F., Mbyopyo, S., Lugazo, Z., Shao, A., Haule, W. and Haws, M., 2001. Tanzania Mariculture Guidelines Source Book. Tanzania Coastal Management Partnership, University of Rhode Island Coastal Resources Centre and United States Agency for International Development. 206 pp. + Appendices 1-2.
82. Conand, C., Muthiga, N., Ochiewo, J., Rasolofonirina, R., Frouin, P., Aumeeruddy, R., de la Torre-Castro, M. and Mgaya, Y., 2014. Sea Cucumbers in the Western Indian Ocean: Improving Management of an Important But Poorly Understood Resource. WIOMSA Book Series No. 13. Vii+74 pp.
83. Mgaya, Y.D. and Mahongo, S.B. (Editors), 2017. Lake Victoria Fisheries Resources: Research and Management in Tanzania. Monographiae Biologicae 93, <https://doi.org/10.1007/978-3-319-69656-0>. Springer, Cham, Switzerland. 287 pp.

#### **(b) Chapters in Books**

84. Mgaya, Y.D. and Mercer, J.P., 1996. Gametogenic cycle of the abalone *Haliotis tuberculata* L., during conditioning in the hatchery. In: B.F. Keegan and R. O'Connor (Editors), Irish Marine Science 1995. Galway University Press, Galway, Ireland, pp. 397-406.
85. Horrill, J.C., Kamukuru, A.T., Mgaya, Y.D. and Risk, M., 2000. Northern Tanzania and Zanzibar. In: T.R. McClanahan, C.R.C. Sheppard and D.O. Obura (Editors), Coral Reefs of the Indian Ocean: Their Ecology and Conservation. Oxford University Press, New York, pp. 167-198.
86. Kulindwa, K., Sosovele, H. and Mgaya, Y.D., 2000. Rufiji, Ruvu and Wami mangroves. In: Wood, A., Stedman-Edwards, P. and Mang, J. (Editors), The Root Causes of Biodiversity Loss. Earthscan Publications Ltd., London, pp. 309-336.
87. Muhando, C., Mgaya, Y. and Daffa, J., 2001. Coastal resources and their use. In: Eastern Africa Atlas of Coastal Resources: Tanzania. UNEP, Nairobi, Kenya, pp. 49-76.
88. Mgaya, Y.D. and Juma, S., 2001. Integrated coastal zone management in Tanzania. In: C. Voabil and S. Engdahl (Editors), The Voyage from Seychelles to Maputo: Successes and Failures of Integrated Coastal Zone Management in Eastern Africa and Island States, 1996-2001. Volume I. Eastern African Mainland Country and Regional Reports. SEACAM, Maputo, Mozambique, pp. 123-149.
89. Pokorný, J., Přikryl, I., Faina, R., Kansiiime, F., Kaggwa, R.C., Kipkemboi, J., Kitaka, N., Denny, P., Bailey, R.G., Lamtane, H.A. and Mgaya, Y.D., 2005. Will fish pond management principles from the temperate zone work in tropical fingerponds? In: J. Vymazal (Editor), Natural and Constructed Wetlands: Nutrients, Metals and Management. Backhuys Publishers, Leiden, The Netherlands, pp. 382-399.
90. Bâ, M., Berraho, A., Bodiguel, C., Cunningham, S., and Mgaya, Y., 2005. Coastal and Marine Fisheries: Towards a New Vision for the Exploitation and Sustainable Management of Africa's Fishery Resources. Technical Review Paper. NEPAD Fish for All Summit, 22-25 August 2005, Abuja, Nigeria. WorldFish Center, Cairo, Egypt. 30 pp.
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