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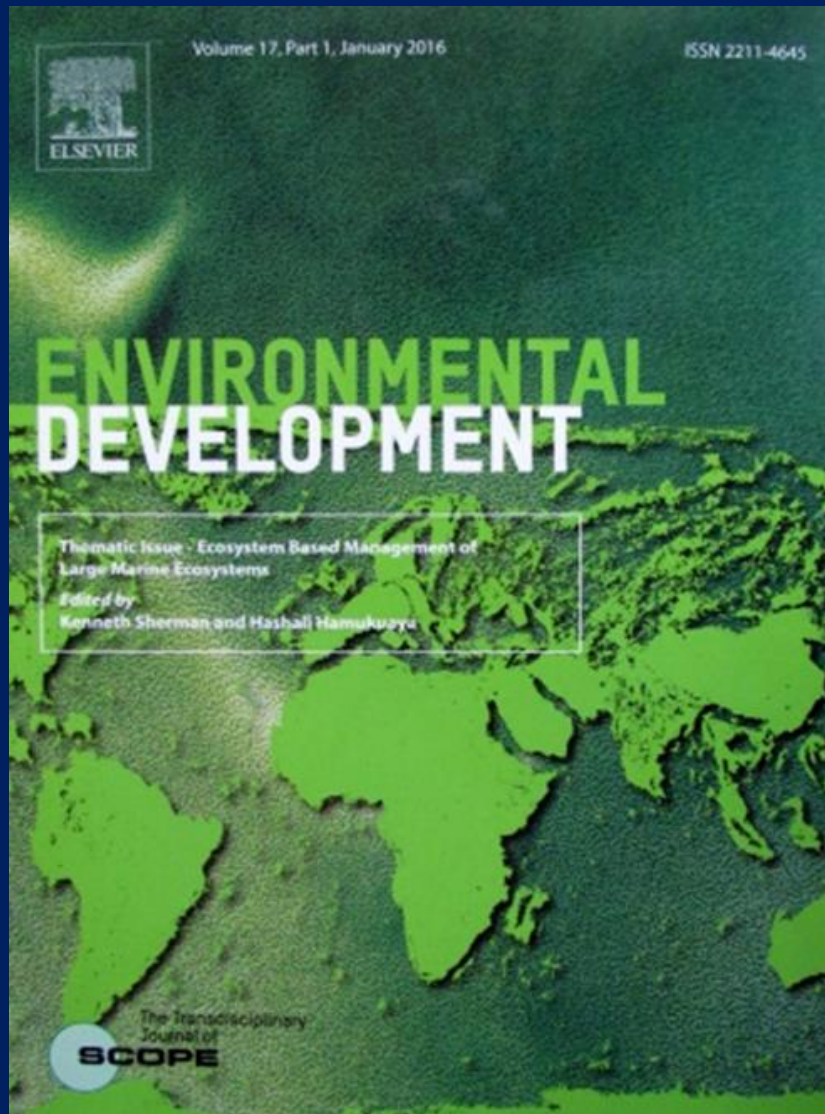
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Kenneth Sherman

NOAA - NMFS



- **35 Papers**
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- **Policy Papers**



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Ecosystem Based Management of Large Marine Ecosystems

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The world's Large Marine Ecosystems (LMEs) produce 80 percent of the annual marine fisheries catch, and contribute an estimated \$12 trillion annually to the global economy.

As our global population numbers expand from 7 billion to 9 billion by 2050, we will be facing increasing human and environmental stressors to our marine environment from overfishing, coastal pollution, nutrient overenrichment, habitat degradation, acidification, and climate change.

The Elsevier Science journal ***Environmental Development*** guest edited theme volume on Ecosystem Based Management of Large Marine Ecosystems is focused on sustainable development of the world's LMEs, supported by the results of a five module approach to the assessment and management of LME goods and services. Within this strategic framework, results are focused on LME productivity, fish and fisheries, pollution and ecosystem health, socioeconomic, and governance. Included is a policy viewpoint article by ministers of Namibia, Angola, and South Africa representing the environment, fisheries, energy, and transport in support of multisectoral adaptive ecosystem-based management practices.



Read the special issue:
<http://bit.ly/2b1ygl4>

Visit the journal homepage:
<http://www.elsevier.com/locate/envdev>

B. Sambe et al. Variations in productivity of the Canary Current Large Marine Ecosystem and their effects on small pelagic fish.

E. Vivekanandan et al. Climate change effects in the Bay of Bengal Large Marine Ecosystem.

Q. Tang et al. The biomass yields and management challenges for the Yellow Sea large marine ecosystem.

D. Guitiérrez et al. Productivity and Sustainable Management of the Humboldt Current Large Marine Ecosystem under climate change.

A. M. Duda. Strengthening global governance of Large Marine Ecosystems by incorporating coastal management and Marine Protected Areas.

**H. Hamukuaya et al. Transition to
ecosystem-based governance of the
Benguela Current Large Marine
Ecosystem.**

V. de Barros Neto et al. Two decades of inter-governmental collaboration: Three developing countries on the move towards ecosystem-based governance in the Benguela Current Large Marine Ecosystem.