



Swakopmund 3rd Annual LME Conference, 8-10 October 2014

Authors: **Kenneth Sherman and Hashali
Hamukuaya**

Institution: **NOAA (K.S.) and Benguela Current
Commmission (H.H.)**

Session: 9b

Day of presentation: **30 September 2015**



- Over 150 participants
- Sessions on LME Productivity; Fish & Fisheries; Pollution and Ecosystem Health; Socioeconomics; Governance
- Panels on unified perspectives; Training and Best Practices
- Selected papers to be published in a LME theme volume 17 of Elsevier Science Journal ENVIRONMENTAL DEVELOPMENT - Guest editors K. Sherman and H. Hamukuaya

- Publication of ENVDEV VOL 17 scheduled for January 2016

Overview papers 3

Research & Assessment papers 24

Commentary papers 7

Viewpoint paper 1
authored by 4 ministers from each
of 3 Benguela Current LME project
countries Angola, Namibia, South
Africa

Vol. 17 Candidate Papers for Highlighting by Elsevier Science

Two decades of intergovernmental collaboration: three developing countries on the move towards ecosystem-based governance in the Benguela Current Large Marine Ecosystem

D. Belhabib and D. Pauly. Fisheries catch under-reporting in the Gambia, Liberia, and Namibia, and the three Large Marine Ecosystems they represent

M. Fogarty, et al. Fishery production potential of Large Marine Ecosystems: A prototype analysis

L. Grønnevet. The joint Russian-Norwegian governance of the Barents Sea Large Marine Ecosystem fisheries

Q. Tang, et al. The biomass yields and management challenges for the Yellow Sea Large Marine Ecosystem

S. Seitzinger, et al. Land-based nutrient loading to Large Marine Ecosystems: A global watershed perspective on magnitudes and sources



Latin American and Caribbean LME Symposium, 7-8 September, Cancun, Mexico

**Authors: Kenneth Sherman, Patricia Muñoz Sevilla, and
Porfirio Alvarez**

**Institution: NOAA (K.S.), Instituto Politécnico Nacional
(PMS), Consorcio de Instituciones de Investigación Marina
del Golfo de México y del Caribe (P.A.)**

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LATIN AMERICAN AND CARIBBEAN LMEs



Symposium Conveners

- Instituto Politécnico Nacional
- CII MAR Censorio de Inrest, gracias
- Universidad Juarez Autonoma de Tabasco
- Intergovernmental Oceanographic Commission of UNESCO

DAY 1

Opening

Gulf of Mexico LME

Pollution and Ecosystem Health

- NASA – Hypoxia
- Red Tides & Eutrophication
- Hypoxia

Fish & Fisheries

- Six Papers

Gulf of California LME

- Gulf of California Overview
- Physical Oceanography
- Fish & Fisheries
- Upwelling

Pacific Central American Coastal LME

- Pacific Central American Coastal LME Overview of Productivity, Oceanography, Fisheries

Caribbean Sea LME

- TDA & SAP Development
- Southern Caribbean Sea Overview (Venezuela)
- Oceanography and Marine Resources

Pelagic Species

DAY 2

- Humboldt Current LME Overview
- North Brazil Shelf LME Overview
- North Brazil Shelf, East Brazil Shelf, South Brazil Shelf LMEs Overview

Special Session on Sargassum Impacts on the Caribbean Region

Publication

Special Issue of the Bulletin of Marine Science
guest editors Sherman K, Sevilla, M.P. Alvarez, P.

Overview	3
Case Studies:	
Gulf of Mexico Overview	1
Gulf of Mexico Fish & Fisheries	3
Gulf of Mexico Pollution & Ecosystem Health	3
Gulf of California LME	3

Pacific Central American Coastal LME	2
Caribbean Sea LME	4
Humboldt Current LMEs	1
North Brazil Shelf LME	1
North Brazil Shelf, East Brazil Shelf, South Brazil Shelf LMEs	1
Invited Paper on the Patagonian Shelf	1



Russian Academy of Sciences Workshop, Russian Sub Arctic and Temperate LMEs, 27-30 October 2015, Rostov-on-Don

Authors: Kenneth Sherman and Gennady Matishov
Institution: NOAA (K.S.) and Southern Science Centre,
Russian Academy of Sciences (G.M.)

Session: 9b

Day of presentation: 30 September 2015





South Asia Large Marine Ecosystems Symposium Chennai, India, March 2016

Author: Kenneth Sherman and S. Srinivasalu
Institution: NOAA (K.S.) and Anna University (S.S.)

Session: 9b

Day of presentation: 30 September 2015



South Asia Large Marine Ecosystems

Bay of Bengal LME

Arabian Sea LME

Gulf of Thailand LME

South China Sea LME

Sulu-Celebes Sea LME

Indonesian Sea LME

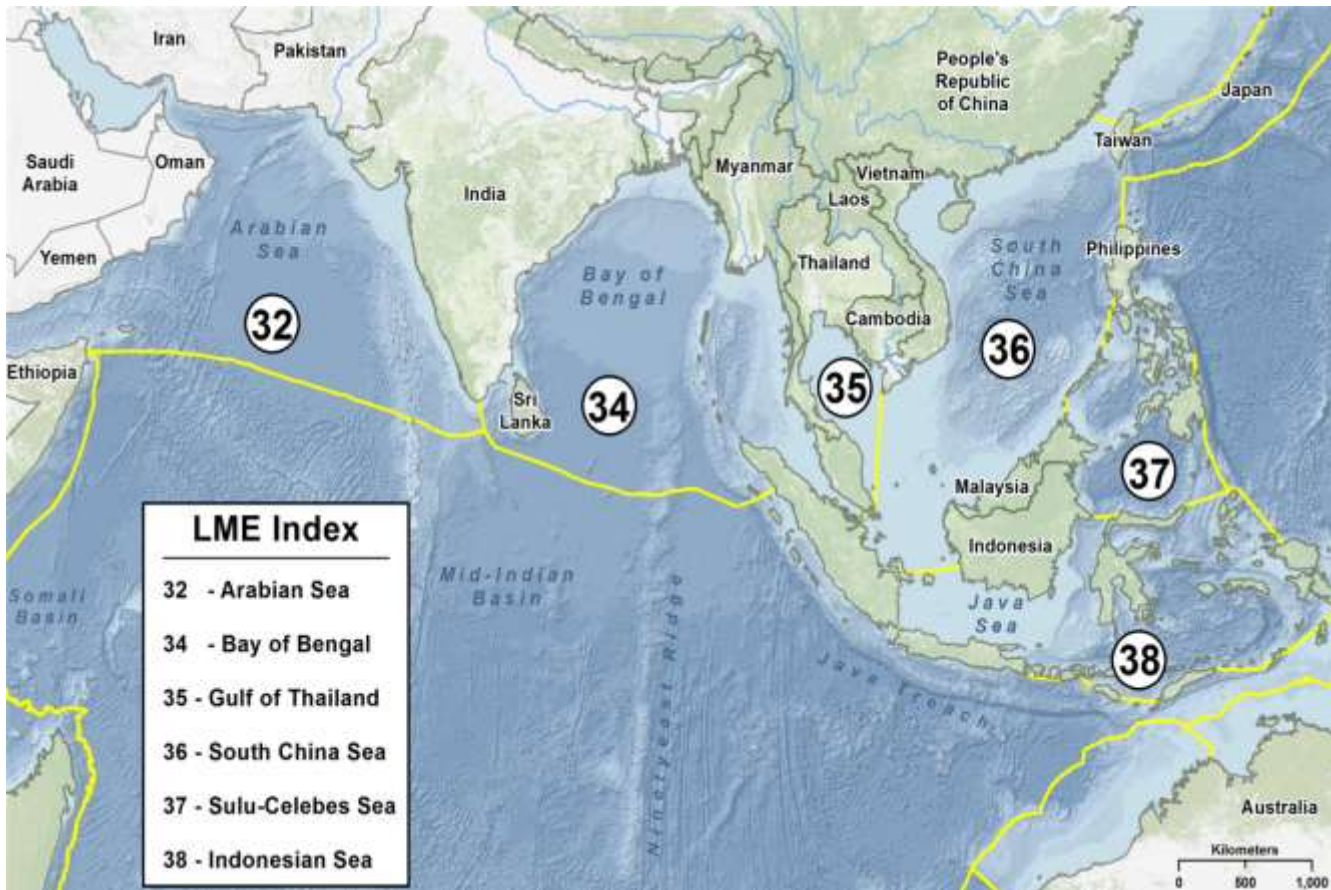
Sponsors and Organizing Institutions

Chennai Municipal Government

Anna University

Bay of Bengal GEF-FAO Project

South Asia Large Marine Ecosystems



LARGE MARINE ECOSYSTEMS ASSESSMENT AND MANAGEMENT - MOOC CERTIFICATION

Syllabus drafted:

- Copies to UCT (C. Moloney)
- Copies to IW LEARN (M. Hamid)
- Copies to Benguela Current Commission (H. Hamukuaya)
- Africa nodes and Contacts
 - Cape Town C. Moloney
 - Senegal B. Sambe
 - Ghana C. Wiafe
 - Namibia H. Hamukuaya (BCC)
 - Dar es Salaam M. Ngoile



GEF SUPPORTED PROJECTS for ADVANCING ECOSYSTEM BASED MANAGEMENT of LARGE MARINE ECOSYSTEMS with THE 2014 TO 2018 REPLENISHMENT

Author: Jennifer Bosch

Institution: Integrated Statistics, Woods Hole
IW LEARN Website

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Results Posted in September on the IW-LEARN Website

31 projects posted with information on:
GEF ID, Title, I/E Agency, Countries, S/E dates,
Council Approval, GEF Amt, Total Project Cost

Ecosystem based projects (11) \$1.2 billion

Other Sector Projects: Fisheries(6),
Pollution(7), Socioeconomics(1),
Governance(3), MPA 1), MSP(1),
Habitat(1)

\$1.6 billion

\$2.8 billion