



AQUATIC ECOSYSTEM  
HEALTH & MANAGEMENT SOCIETY

# Aquatic Ecosystem Health & Management



The official journal of the Aquatic Ecosystem Health and Management Society

*Volume 22, Number 1*

*January–March*

## CONTENTS

- Detection of spatial and temporal hydro-meteorological trends in Lake Michigan, Lake Huron and Georgian Bay**  
*A. Javed, V. Y. S. Cheng, and G. B. Arhonditsis (Canada)* 1
- A new tool to assess ecosystem health in large subtropical reservoirs: Development and validation of a Planktonic Index of Biotic Integrity**  
*J. Pomari, D. D. Kane, R. A. R. Ferreira, and M. G. Nogueira (Brazil)* 15
- Temporal and spatial variations of coastal water quality in Sishili Bay, northern Yellow Sea of China**  
*Z. Dong, D. Liu, Y. Wang, and B. Di (China)* 30
- Temporal variabilities of  $\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$  in an ecosystem from the Central-East Gulf of California: estimating trophic relationships**  
*M. Del Rio-Salas, A. Martínez-Durazo, R. Castro-Longoria, and M. E. Jara-Marini (Mexico)* 40
- Investigation of trends in extreme significant wave heights in the South China Sea**  
*Y. Luo and L. S. Zhu (China)* 53
- Macroinvertebrate assemblages from two sampling methods similarly discriminated freshwater wetlands with different ecosystem status in south Texas**  
*L. McIntosh, A. Fierro-Cabo, and J. A. Benavides (USA)* 65
- Recruitment pattern of Scleractinian coral spats on neighbouring artificial substrates at Kurusadai Reef Complex, Gulf of Mannar, India**  
*N. Marimuthu, P. Ramachandran, M. Sathish, N. Dinesh, and R. Ramesh (India)* 77
- Diel patterns of Zooplankton community structure in nearshore waters of different substrates off Tinggi and Sibul Islands, Malaysia, with special reference to Copepods**  
*E. B. Metillo, J. Nishikawa, O.B.H. Ross, T. Yoshida, F. Md. Yusoff, P. Kuppan, S. Ohtsuka, Mulyadi, H. Sekiguchi, T. Toda, and S. Nishida (Philippines)* 86



Taylor & Francis  
Taylor & Francis Group