

Aquatic Ecosystem Health & Management

The official journal of the Aquatic Ecosystem Health and Management Society (AEHMS).

A peer-reviewed, primary journal devoted to enhancing our understanding of the health, integrity, structure and function of marine and freshwater ecosystems of the world.

Membership in the AEHMS includes four quarterly copies of AEHM.
Please visit <http://aehms.org/membership/> to sign-up!

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AEHMS Executive Committee

President: M. Munawar

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Treasurer: D.F. Malley

Members at Large: G. Dave,
L. Elder, J. Leach, E. Mills,
C.K. Minns, I.F. Munawar,
M. Van der Knaap

Objectives

The journal focuses on integrated, multi-disciplinary, multi-trophic and sustainable practices for the management, remediation and restoration of aquatic ecosystems. It provides a forum for scientists and managers to discuss hypotheses and ideas that address ecosystem science based concepts, approaches, methods, models and technologies.

The journal promotes publication of investigations and management practices designed to protect, restore, remediate, conserve and maintain the health and integrity of aquatic ecosystems.

AEHM seeks to foster international and cross-sectorial communications of important findings amongst scientists, managers, students, citizens, business, socio-economists, municipal agencies and politicians.

Scope

The journal publishes articles on the following themes and topics:

- Original concise manuscripts dealing with the health, integrity and performance of aquatic ecosystems
- Reviews on state of the art issues, strategies, techniques and models
- Ecosystem science based holistic treatments including physical, chemical and biological components and their interactions
- Invited essays from established scientists and experts on timely and emerging topics
- Special issues organized around unified themes, topics and ecosystems/habitats

Themes and topics

- Adoption of integrated, ecosystemic science-based approaches including physical, chemical, biological, ecological, eco-toxicological or modelling assessments from a holistic and sustainable perspective.
- Assessment of the impacts of environmental perturbations on the health and integrity of the structure and performance of the food web.
- Linkages between lower and upper trophic levels of the food web
- Bio-monitoring, bio-assessment, and bio-remediation techniques designed for the restoration of stressed ecosystems.
- Development of concepts, procedures and technologies appropriate to evaluate the recovery of ecosystems
- Development and contribution of environmental and ecological guidelines for national and international agreements aimed at protecting ecosystem health and integrity
- Consideration of linkages of aquatic health to socio-economic stressors and environmental ethics towards conservation of aquatic resources



Aquatic Ecosystem Health & Management Society

Ecosystem health: It's everybody's business.

MISSION & OBJECTIVES

The AEHMS was established in 1989 with the following mission and objectives:

- Promote the ecosystem health approach and ecosystem science-based concepts for the conservation and management of global aquatic resources.
- Encourage integrated, multidisciplinary, multi-trophic and sustainable practices for the remediation and restoration of marine and freshwater ecosystems.
- Enhance understanding of ecological health and integrity by applying holistic initiatives, novel methods, models and technologies.

ACTIVITIES

Four broad activities are the centre of focus:

1. Convening of timely national and international conferences, symposia and workshops for promoting multi-disciplinary communication between scientists, managers, students, institutes, government, industry and the public sector.
2. Establishing Working Groups to coordinate and focus collaboratively on research themes and management approaches. Working Groups have been established by the AEHMS on the Great Lakes of the World (GLOW), Marine & Freshwater Invasive Species (MFIS), Health of the Gulf Ecosystem (GULF), and Remedial Action Plans (RAP).
3. Publication of the AEHMS's peer reviewed international primary journal: **Aquatic Ecosystem Health & Management** (AEHM) quarterly with Taylor & Francis, Philadelphia, U.S.A, (www.taylorandfrancis.com). It is an ISI-rated journal which often publishes special issues on selected themes and topics. So far over 50 special issues have been published by the journal (see <http://aehms.org/publications/journal/>).
4. The **Ecovision World Monograph Series** (EWMS) focuses on the paradigm of life on our ever-changing planet and its sustainability under the impact of physical, chemical, biological, and human influences. It covers detailed and comprehensive treatments of various topics, subjects, issues and ecosystems. It focuses on the interactions of multiple stressors originating from air, water, and land. The Ecovision book series is a peer-reviewed publication which is dedicated to integrated and ecosystem science-based approaches, merging the high quality of a journal with the comprehensive approach of a book. Currently more than 20 peer-reviewed books have been published on diverse topics (<http://aehms.org/publications/ecovision/>) which are distributed by Michigan State University Press, East Lansing, Michigan (www.msupress.org).

AEHMS MEMBERSHIP

The Society welcomes researchers, managers, students and senior scientists from a variety of disciplines who are interested in global topics dealing with ecosystem health and ecosystem science based management. The Society entitles its members to receive the Journal in hard copy and online. Membership also includes discounts on the purchase of Ecovision books and registration at AEHMS events. Please complete the membership form which can be found at www.aehms.org. Membership for students, retirees and researchers solely funded by developing countries is available at a reduced fee. For further information about AEHMS and its activities please contact info@aeahms.org.

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**AQUATIC ECOSYSTEM
HEALTH & MANAGEMENT SOCIETY**

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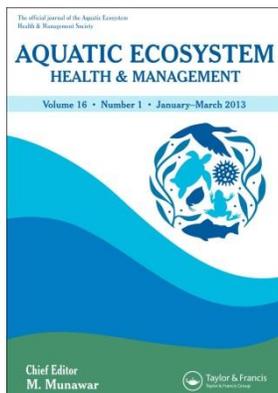
Announcing a special issue on

Caspian Sea Ecosystem: Problems, Solutions & Management

We invite participants of the conference “*Understanding the problems of Inland Waters: Case Study for the Caspian Basin*” to submit manuscripts based on their talks from the following scientific themes from the conference program:

- Changing ecosystem health of the Caspian Sea under multiple stressors
- The impact of climate change on: sea level, bio-resources, bio-diversity, marine invasive species, ecology and food web: past, present and future.
- International cooperation, socio-economic development, Industry and energy-food, water-ecosystem nexus and the state of fishes and fishery in the Caspian region.

The special issue will publish approximately 10–12 papers, up to 10 pages in length (Font: Times New Roman, 11 pt, single-line spaced, 2.54 cm (1”) margins, letter-size paper (21.6×28 cm or 8.5×11”). Further instructions for manuscript preparation and submission method can be found at: <http://aehms.org/publications/author-instructions/>). The deadline to submit manuscripts to AEHM is **August 15, 2018**.



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