



## Ecotoxicology and Environmental Safety

*Ecotoxicology and Environmental Safety* focuses on integrated mechanistic research related to short- and long-term pathways and interactions of substances and chemical mixtures in environmental systems and subsystems on their bioavailability, and assimilation in organisms, as well as biological responses of these organisms, and damage mechanisms (endocrine disruption, genotoxicity); and on their subsequent fate in the environment, food chain, including humans. Novel technologies, techniques, and methods such as biomarkers, biosensors and bioanalytical systems, bioremediation methods, QSARs and QSPRs, advanced high performance computational methods, models, and their applications in obtaining and processing interdisciplinary ecotoxicological information are also addressed in the journal. We welcome the applied outcome of complex ecotoxicological research such as developing the science-based Environmental Quality Criteria (EQC), standard toxicity tests, techniques, and methods for ecotoxicological evaluation of the environment, as well as developing ecotoxicologically proven methods and technologies for prevention, interception, and remediation of human-induced damage to ecosystems. Emphasis is placed on ecological animal models rather than laboratory based rodent studies; The above scope of the journal is aimed at providing science-based tools for sustainably managing the environment through risk assessment, risk characterization, risk prediction, and risk management. The journal publishes regular research articles, and review articles.

[View full aims and scope](#)

Editor: K. Kannan

[View full editorial board](#)

[Guide for Authors](#)

[Submit Your Paper](#)

[Track Your Paper](#)

[Order Journal](#)

[View Articles](#)

Share this page:

ADVERTISEMENT

Urban Environmental Pollution

CREATING HEALTHY, LIVEABLE CITIES



17 – 20 Nov 2013  
Beijing, China

Register Now

UEP 2013

ASIAN EDITION

Impact Factor:  
2.203

5-Year Impact Factor:  
2.572

Imprint: ELSEVIER

ISSN: 0147-6513



Publish your article  
Open Access in  
Ecotoxicology and  
Environmental  
Safety

### Journal Insights

Discover this journal's metrics



FIND OUT MORE

### Conferences

### Most Downloaded Articles

ScienceDirect



1. Salt tolerance and salinity effects on plants: a review

Asish Kumar Parida | Anath Bandhu Das

2. Molecular biomarkers of oxidative stress in aquatic organisms in relation to toxic environmental pollutants

Athanasios Valavanidis | Thomais Vlahogianni | ...

3. Detection and fate of antibiotic resistant bacteria in wastewater treatment plants: A review

Chryssa Bouki | Danae Venieri | ...

VIEW ALL

### Recent Open Access Articles

ScienceDirect



Open Access

An evaluation of 2,4-dichlorophenoxyacetic acid in the Amphibian Metamorphosis Assay

### Stay up-to-date

Register your interests and receive email alerts tailored to your needs

[Click here to sign up](#)

Follow us



Urban Environmental  
Pollution 2013 ASIAN  
EDITION

[VIEW ALL](#)

## Special Issues



Special Issue Section: SETAC  
North America 31st Annual  
Meeting

Volume 76 (2012)

[ORDER NOW](#)

SECOTOX Conference &  
Second International  
Conference on Environmental Management,  
Engineering, Planning and Economics (CEMPE  
09): Pollutant effects on aquatic and terrestrial  
organisms

Volume 74, Issue 2 (2011)

[ORDER NOW](#)

[VIEW ALL](#)

and the Fish Short-Term Reproduction Assay

Katherine Coady | Troy Marino | ...

[Open Access](#)

**Arsenic toxicity in mammals and aquatic  
animals: A comparative biochemical approach**

Juliane Ventura-Lima | Mauricio Reis Bogo | ...

[Open Access](#)

**Delayed biochemical changes induced by  
mercury intoxication are prevented by zinc pre-  
exposure**

C. Franciscato | L. Moraes-Silva | ...

[VIEW ALL](#)

## Most Cited Articles

Scopus



**Assessing risk of heavy metals from  
consuming food grown on sewage irrigated  
soils and food chain transfer**

Sridhara Chary, N. | Kamala, C.T. | ...

**Assessment of water quality of polluted lake  
using multivariate statistical techniques: A  
case study**

Kazi, T.G. | Arain, M.B. | ...

**Biochemical biomarkers in algae and marine  
pollution: A review**

Torres, M.A. | Barros, M.P. | ...

[VIEW ALL](#)

## Recent Articles

ScienceDirect



**Pollution-induced metabolic responses in  
hypoxia-tolerant freshwater turtles**

Larissa Paola Rodrigues Venancio | Maria  
Isabel Afonso Silva | ...

**Sensitivity of species to chemicals: Dose-  
response characteristics for various test types  
(LC50, LR50 and LD50) and modes of action**

A. Jan Hendriks | Jill A. Awkerman | ...

**Inverse mercury and selenium concentration  
patterns between herbivorous and piscivorous  
fish in the Tapajos River, Brazilian Amazon**

D. Sampaio da Silva | M. Lucotte | ...

[VIEW ALL](#)

### Readers

[View Articles](#)  
[Volume/ Issue Alert](#)

### Authors

[Author Information  
Pack](#)  
[Submit Your Paper](#)  
[Track Your Paper](#)  
[Webshop](#)

### Librarians

[Ordering Information  
and Dispatch Dates](#)  
[Abstracting/ Indexing](#)

### Editors

[Publishing Ethics  
Resource Kit](#)  
[EES Support](#)

### Reviewers

[Reviewer Guidelines](#)  
[Log in as Reviewer](#)

### Advertisers/ Sponsors

[Advertisers Media  
Information](#)

### Societies

