Proceedings of the International Academy of Ecology and **Environmental Sciences** 

The Proceedings of the International Academy of Ecology and Environmental Sciences (ISSN 2220-8860) is an open access (BOAI definition), peer/open reviewed online journal that considers

scientific articles in all different areas of ecology and environmental sciences. It is the flagship

journal of the International Academy of Ecology and Environmental Sciences. It dedicates to the

latest advances in ecology and environmental sciences. The goal of this journal is to keep a record

of the state-of-the-art research and promote the research work in these fast moving areas.

All manuscripts submitted to Proceedings of the International Academy of Ecology and

Environmental Sciences must be previously unpublished and may not be considered for publication elsewhere at any time during review period of this journal. The topics to be covered

by this journal include, but are not limited to theory, methodology, technology, innovation,

activity, and project in the following areas:

• Animal ecology, plant/microbe ecology, wetland ecology, farmland ecology,

forest/grassland ecology, marine ecology, pollution ecology, etc.

Biological conservation & preservation, ecosystem restoration, environmental policy,

environmental toxicology, environmental pollution and control, natural resource, bioenergy research, environmental technology, waste management, environmental

economics, environmental management & planning, environmental education,

environmental engineering, global climate change, oceanography, etc.

Authors can submit their works to the email box of this journal, piaees@iaees.org.

In addition to free submissions from authors around the world, special issues are also accepted.

The organizer of a special issue can collect submissions (yielded from a research project, a

research group, etc.) on a specific topic, or submissions of a conference for publication of special

issue.

Editorial Office: piaees@iaees.org

Publisher: International Academy of Ecology and Environmental Sciences

Address: Unit 3, 6/F., Kam Hon Industrial Building, 8 Wang Kwun Road, Kowloon Bay, Hong Kong

Tel: 00852-2138 6086

Fax: 00852-3069 1955

E-mail: office@iaees.org

## **Proceedings of the International Academy of Ecology and Environmental Sciences**

ISSN 2220-8860 | CODEN PIAEBW Volume 13, Number 4, 1 December 2023

Articles

Land degradation status and trends in Baro-Akobo river basin, Ethiopia

Gebre Gidey Weldeabzgi 139-147

Photosynthetic chlorophyll fluorescence response of *Tradescantia pallida* exposed to different heavy metals alone and in combination

Neelima Meravi, Chandralekha Piparia, et al. 148-157

Tree diversity, stand structure and species composition in three tropical dry deciduous forests of Madhya Pradesh, Central India

Debojyoti Raha, Subashree Kothandaraman, et al. 158-172

Shrub invasion alters the soil CO<sub>2</sub> efflux in tropical dry deciduous forests of Madhya Pradesh, Central India

Parvaiz Ahmad Lone, Subashree Kothandaraman, et al. 173-185



**IAEES** 

http://www.iaees.org/