



# CALL FOR PAPERS

**ICAEI 2023**  
**Jun 28-29, 2023**  
**Istanbul, Turkey**

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICAEI 2023 : International Conference on Advances in Ecological Informatics is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advances in Ecological Informatics. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Ecological informatics  
Ecoinformatics  
Applications of ecological informatics  
Ecological informatics for environmental sustainability  
Ecoinformatics for managing natural terrestrial and agro-ecosystems  
Ecoinformatics for managing river, lake, coastal and marine ecosystems  
Ecoinformatics for managing urban ecosystems  
Ecoinformatics for integrated pest management  
Network modelling and ecological informatics theory  
Ecological monitoring and data management  
Data assimilation and sharing  
Bioindication  
Ecological acoustics

Automatic ecosystem surveillance  
Operational models for real-time forecasting  
Spatio-temporal computation  
Ecosystem simulation and forecasting  
Integration of numerical and computational techniques  
Bio-inspired and probabilistic computation  
Evolutionary computation and multiobjective optimization  
Applications of cellular automata, fuzzy logic and adaptive agents  
Artificial neural networks and SOM  
Immunoinformatics and biological invasion  
Bayesian inference and probability  
GIS and remote sensing  
Ecological monitoring at local, regional and global scale