



CALL FOR PAPERS

ICEIA 2022
Jul 08-09, 2022
Prague, Czechia

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.

ICEIA 2022 : International Conference on Ecological Informatics and Applications is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Ecological Informatics and Applications. 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