



CALL FOR PAPERS

ICEGSB 2022
Apr 12-13, 2022
Venice, Italy

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.

ICEGSB 2022 : International Conference on Environmental Genomics and Systems Biology is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Environmental Genomics and Systems Biology. 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:

Environmental genomics
Ecological genomics
Population genetics/genomics
Evolutionary ecology
Genomics, proteomics and metabolomics
Metagenomics and ecogenomics
Community genomics
Metagenomic analysis
Functional metagenomics
Metagenomics and bioinformatics in microbial ecology
Metagenomic and whole transcriptome studies
Bioinformatic analysis
Data generation

Bioinformatics methods for data analysis and statistical modeling
Bioinformatics and statistical tools for comparative metagenomics
Conservation and molecular adaptation
Speciation genetics
Environmental and marine genomics
Ecological simulation
Genomic divergence of organisms
Gene and genome function in the natural environment
Recent advances in ecological genomics
Genes and molecular processes involved in adaptation
Genetic mechanisms of speciation
The role of epistatic interactions in complex phenotypes
The role of epigenetic changes in evolution and adaptation