



# CALL FOR PAPERS

**ICEGA 2022**  
**Jul 22-23, 2022**  
**Rome, 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.

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