



CALL FOR PAPERS

ICMDO 2021
Jul 29-30, 2021
Vienna, Austria

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.

ICMDO 2021 : International Conference on Modern Dynamical Oceanography is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Modern Dynamical Oceanography. 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:

Dynamical oceanography
Physical oceanography
Theory of large-scale ocean circulation
Mathematics and physics
Continuum mechanics
Recent developments
Dynamical meteorology
Solution methods for ordinary differential equations
Mathematical formulation of the governing equations of ocean flows
Mathematically oriented approach of physical oceanography and geophysical fluid dynamics
Mathematical description
Numerical models

Waves
Tides
Free waves
Stability of zonal flows
Wind-driven ocean circulation
Model development
Equatorial ocean circulation
Thermocline problem
Stability of the thermohaline circulation
The Arctic Ocean circulation
Properties of sea water