



an Open Access Journal by MDPI

# Understanding and Diagnosing Regime Behaviour in the Climate System

Guest Editor:

#### Dr. Terry O'Kane

CSIRO Oceans and Atmosphere, Hobart, TAS 7000, Australia

Deadline for manuscript submissions: closed (30 June 2014)

## Message from the Guest Editor

Dear Colleagues,

Much of the phenomena associated with changes in the dynamics of the coupled ocean-atmosphere system can be regarded as transitions between meta-stable states. While the linear response to external factors, such as radiative forcing, has been the focus of considerable investigation in the climate community, the mechanisms responsible for decadal and longer timescale variability are not well understood. This Special Issue will solicit papers from leading researchers in the field to give an overview of the theory, simulation, and methods for detection and attribution of metastability in the climate system. The issue will focus in particular on the role of stochastic forcing on low frequency variability.

Dr. Terry O'Kane Guest Editor









an Open Access Journal by MDPI

## **Editor-in-Chief**

#### \_

#### Prof. Dr. Charitha Pattiaratchi

Oceans Graduate School and The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia The *Journal of Marine Science and Engineering (JMSE*; ISSN 2077-1312) is an international peer-reviewed open access journal which provides an advanced forum for studies related to marine science and engineering. The journal aims to provide scholarly research on a range of topics, including ocean engineering, chemical oceanography, physical oceanography, marine biology and marine geosciences. We invite you to publish in our journal sharing your important research findings with the global ocean community.

Message from the Editor-in-Chief

## **Author Benefits**

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed with Scopus, SCIE (Web of Science), GeoRef, Inspec, AGRIS, and other databases.

**Journal Rank:** JCR - Q1 (Engineering, Marine) / CiteScore - Q2 (*Civil and Structural Engineering*)

# **Contact Us**

Journal of Marine Science and Engineering Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/jmse jmse@mdpi.com X@JMSE\_MDPI