

Special Issue

Coastal Dynamics under the Changing Climate

Message from the Guest Editors

Coastal dynamics are currently affected by the climate change in a variety of ways. Coasts are very sensitive areas, especially when it comes to the complex interaction between the atmosphere and the sea, intertwined with human activity. Warmer ocean temperatures, increased precipitation, sea level rise, increased intensity and frequency of storms, and many other factors are significantly affecting the dynamics of these areas, making them more vulnerable than the open ocean. Consequences are numerous, from coastal erosion to the acidification of the coastal sea. Therefore, with recognition of the importance of the subject, this Special Issue is dedicated to research on the dynamics of coastal areas under the changing climate.

Guest Editors

Dr. Frano Matic

Physical Oceanography Laboratory, Institute of Oceanography and Fisheries, Šetalište I. Meštrovića 62, 21000 Split, Croatia

Dr. Natalija Dunic

Physical Oceanography Laboratory, Institute of Oceanography and Fisheries, Šetalište I. Meštrovića 62, 21000, Croatia

Deadline for manuscript submissions

closed (31 May 2022)



Climate

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 5.7



mdpi.com/si/61523

Climate
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
climate@mdpi.com

[mdpi.com/journal/
climate](https://mdpi.com/journal/climate)





Climate

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 5.7



[mdpi.com/journal/
climate](https://mdpi.com/journal/climate)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Dr. Timothy G. F. Kittel
Institute of Arctic and Alpine Research, University of Colorado Boulder,
Boulder, CO 80309-0450, USA

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), GeoRef, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Meteorology and Atmospheric Sciences) /
CiteScore - Q2 (Atmospheric Science)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.6 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the first half of 2025).