Special Issue

Impacts of Climate Change on Human Infectious Diseases Related to Water Ecosystems

Message from the Guest Editors

The main objectives of this Special Issue are focused on revealing the current situation of the state of the art concerning the contribution of environmental variables to the impact of climate change on infectious diseases, such as malaria, dengue, West Nile encephalitis, Rift valley fever, yellow fever, Lyme borreliosis, Boutonneuse fever, cholera, etc. For this Special Issue, there is special interest in the impact of the variations of meteorological variables on the changes in the geographical distribution ranges of infectious disease vectors (mosquitoes, ticks, rodents, etc.) or the parasites that cause such diseases. We especially encourage those works that link the past distribution of endemic foci with future scenarios of climate change (using GIS models and tools), the role of wetlands and other aquatic ecosystems, and the risk of re-emergence of eradicated diseases in temperate regions (as in the case of malaria) or the increase of these in traditionally endemic latitudes.

Guest Editors

Dr. Arturo Sousa
Prof. Dr. Leoncio García-Barrón
Dr. Mónica Aguilar-Alba

Deadline for manuscript submissions

closed (16 October 2020)

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 4.9

mdpi.com/si/33153

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

mdpi.com/journal/atmosphere

Atmosphere

an Open Access Journal by MDPI

Impact Factor 2.3
CiteScore 4.9

mdpi.com/journal/atmosphere

MDPI

About the Journal

Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

Editor-in-Chief

Dr. Daniele Contini
Institute of Atmospheric Sciences and Climate (ISAC), National Research Council (CNR), Str. Prv. Lecce-Monteroni km 1.2, 73100 Lecce, Italy

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, Inspec, CAPlus / SciFinder, Astrophysics Data System, and other databases.

Journal Rank:

CiteScore - Q2 (Environmental Science (miscellaneous))