



Tropical Cyclone Remote Sensing

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Message from the Guest Editor

Tropical cyclones cause massive economic losses and sudden mortality over ample coastal areas of the planet. Indeed, hurricanes and typhoons are devastating phenomena that require societal attention. While tropical cyclones are natural phenomena there is clear evidence that human action is a key ingredient in evaluating their impact. Estimating hurricane intensity, frequency and path in a climate emergency scenario is an active research area, and on those topics remote sensing can play an important role. The Special Issue welcomes papers that deal mainly with modeling but use satellite information for illustrative purposes, and case-study contributions making some use of satellite data and flight campaigns. It is also open to radar, dropsonde and general airborne observations of tropical cyclones. Papers on applications of remote sensing to study individual tropical cyclones and numerical case studies on specific hurricanes would be welcome contributions to the Special Issue. Papers on tropical cyclones in the Pacific, Indian and Australian basins will be warmly appreciated to balance the current research bias toward the North Atlantic area.





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Message from the Editor-in-Chief

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