



The Geoscience of the Pacific Islands Region: Theory and Practice

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

The Pacific Islands region comprises an area the size of Africa peppered with small island states, many of which have jurisdiction over millions of square kilometres of ocean. Geologically, the region is diverse, with island arcs, back-arc basins, ocean plateaus, volcanic seamounts, abyssal plains, and upraised atoll reefs. The islands themselves comprise low-lying atolls and mountainous volcanic terranes, populated by indigenous people balancing lives between modernity, tradition, ocean and land resources, and environmental challenges. This volume invites geoscience papers that focus on both the geology as well as geotectonics and geo-resources of the region in addition to examples of the application of geoscience to the betterment of Pacific Islanders' lifestyles concerning the fields of international development, geohazard and risk, geo-environment, ocean management, policy, and climate change impacts.





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Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

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