

Special Issue

Impacts of Climate Change on the Water–Food–Energy Nexus

Message from the Guest Editors

In recent years, humans have relied on fossil fuels for their daily energy demand, leading to a significant increase in greenhouse gas emissions in the natural ecosystem. The increase in greenhouse gas emissions has substantially increased the surface temperature of Earth (global warming). This change in temperature is leading to inadequate rainfall and putting hydrological stress on water resources. Agriculture is the main source of income for many developing and developed countries, and it requires the largest quantity of freshwater resources. Increasing pressure on the water–food–energy nexus has impacts on human health and other living organisms. To reduce pressure on the three domains, scientists and researchers must focus on ecosystem protection, water resource management, and water supply and sanitation to meet the demand for energy and food. The Special Issue will focus on addressing the climate change’s negative impacts on water, energy and food in various landforms such as hyper-arid, arid, and semi-arid regions.

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