



Artificial Intelligence and Machine Learning (AI/ML) in Climate Change Impacts Analysis

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Message from the Guest Editor

Artificial intelligence/Machine Learning approaches are proven to have great potential in understanding many complex phenomena with a wide range of computational challenges. With the availability of a large set of observed and simulated records of hydrological, meteorological and climatological variables, AI/ML approaches have a huge potential scope in climate change impact analysis.

Towards this aim, several AI/ML approaches, such as Artificial Neural Network (ANN), Support Vector Machines (SVMs), Relevance Vector Machines (RVMs), Deep Learning (DL), and Reinforcement Learning (RL), etc., have been found to yield undeniable performances and are now being widely applied by many researchers in many different parts of the globe.

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