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Ecological Modeling for Adaptation to Climate Change

Guest Editor:

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Deadline for manuscript submissions:
31 December 2024

Message from the Guest Editor

The aim of this Special Issue is to highlight the importance of ecological niche models in the context of climate change and its impacts on species and ecosystems. This Special Issue welcomes manuscripts that delve into various aspects of ecological niche models concerning climate change impacts on species and ecosystems. Suggested themes and article types for submissions include, but are not limited to:

1. Novel approaches in ecological niche modeling for climate change predictions;
2. Developing climate variables to facilitate ecological niche modeling;;
3. Case studies investigating the projected distribution shifts of specific plant and animal species in response to climate change;
4. Integrating ecological niche models with other tools, such as remote sensing data, to enhance accuracy and applicability;
5. Developing adaptive management strategies based on ecological niche model predictions for species conservation;
6. Reviews or meta-analyses summarizing the current state of knowledge in ecological niche modeling and its relevance to climate change research.