

## Special Issue

# Multisectoral Climate Indicators and Impact Assessments in CMIP6 Models

### Message from the Guest Editors

Multisectoral climate indicators in CMIP6 models are designed to assess risks and impacts across various sectors (agriculture, water resources, health, energy). These indicators integrate physical climate variables with sector-specific thresholds and socio-environmental contexts to better inform adaptation, mitigation, and policy decisions. Multisectoral indicators help bridge climate model outputs with actionable sectoral impacts; quantify vulnerability, risks, and exposure across climate systems; and track relevant changes to SDGs. They aid in projecting sectoral impacts under varying socio-economic and emission pathways, aid in informed region risk assessments and policy planning, and are used as input to integrated assessment models. We welcome original research articles, reviews, and case studies applying multisectoral indicators to cross-sectoral climate impacts. Topics include multisectoral climate extremes in agriculture, water, and energy such as ETCCDI indices, extreme temperature, extreme precipitation, heat wave index, cooling/heating degree days, consecutive dry days, hydropower availability, wind energy potential, sea level rise risk, and wildfire risk.

### Guest Editors

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### Deadline for manuscript submissions

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#### Editor-in-Chief

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