Special Session
on
Climate Change Impact Assessments on and Adaptations to Water Resources
at
The 8th International Conference on Water Resources and Environment Research (ICWRER 2019)
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Scope and Objectives:

Climate change impact assessments of and adaptation to water resources and water-related disasters are urgent issues because of historically understandable extreme hazards are more liable to occur and inflict quite serious damage around the globe. The harmful effects include brushes with, and direct hits from, severe tropical cyclones and more frequent occurrences of strong winds, floods, overflowing rivers, storm surges, extreme ocean waves, landslides and severe droughts.

A special track of sessions named “Climate Change Impacts on Water Resources” was organized by the proponents and held throughout the previous conference, ICWRER 2016, in Kyoto. The sessions were based on the activity under the program for Risk Information Climate Change (SOUSEI program) supported by MEXT, Japan. Currently, Japanese climate research is followed by the next research program entitled “Integrated Research Program for Advancing Climate Models (TOUGOU)” which also includes no-regret adaptations as important research topics.

The proposed session for ICWRER 2019 has wider focus by not only concentrating on impact assessments but also on adaptation to the climate change by discussions with wider academic community around the world. Therefore, contributions from any countries are most welcome to this track of sessions with respect to impact assessments and adaptations on severe rainstorms, floods, overflowing rivers, storm surges, extreme ocean waves, landslides, severe droughts, and other disasters.