

Previous year information on myCSIRO page:

<https://author-my.csiro.au/OrgInfo/Structure/Support/Global/Global-Intelligence-Hub/Asia/China/CAS-CSIRO-Partnership/Joint-Projects/Climate-Change-Impacts>

Climate Change Impacts

About the Theme:

Please complete a Broad description about the Theme: about the theme 2 - 3 sentences about what the Theme covers at a high level.

E.g.: “The changing climate is a significant challenge for the sustainable management of natural ecosystems, managed agroecosystems, and the built environment. The Climate Change Impacts Theme of this partnership aims to provide information and tools to assist decision makers in developing climate resilient systems.”

The 2020 direction for the Theme:

Specific Theme Direction for 2020: a few sentences that outline which sub section of the broad theme direction that will be focused on in the Workshop in 2020. (Please ensure it aligns with [Category 1 Missions](#))

Please consider limiting the theme direction for the year to 2 - 3 specific topics. Decide how broad/specific to make the 2020 theme direction. Ideally this direction will be relatively targeted so that we can connect researchers with similar interests in person, develop great research proposals and invite relevant industry for their involvement in a session (if appropriate).

E.g.: “In 20 the Climate Change Impacts Theme want to explore potential projects in these areas:

1. Subseasonal to seasonal drought prediction for water resources and agricultural planning
2. Understanding drought characteristics under climate change

Another key requirement for Joint Projects within this Theme this year is that they must align with [Category 1 Missions](#) and must have 3rd party investment element.

While the Theme is lead from within the L&W Business Unit, we welcome EOIs to attend the workshop from researchers in other Business Units that are able to contribute towards our goals for the year.



CAS-CSIRO Climate Change Impacts Delegation at Brisbane Workshop in 2018

2020 Theme Workshop Location and Dates:

Climate Change Impacts Theme - Online, June 16th, 2020

Theme Management:

Within CSIRO the Theme is lead within the L&W Business Unit.

- Theme Leader CSIRO: [Paul Bertsch \(L&W\)](#)
- CSIRO Key Contact and Theme Champion: [Lu Zhang \(L&W\)](#)

Within CAS the Theme includes the:

[Institute of Atmospheric Physics](#)

- CAS Theme Leader CAS: Professor LIN Zhaohui (Institute of Atmospheric Physics - CAS)

Previous/Current Projects in the Theme:

2019/2020: Seasonal climate and streamflow forecasts for basin-wide water resources management with emphasis on extremes – Project Leader David Robertson ((L&W)

2018/2019: Climate Change Impacts on Water Resources and Implications for Grain Production in the Lancang-Mekong River Basin – Project Leader Lu Zhang (L&W)

2017/2018: How climate change will affect the impacts of natural hazards, through remote sensing and computational modelling - Project Leader Mahesh Prakash (Data61)

2016/2017: How climate change effects on drought events over the Lancang-Mekong river basin will affect risk management - Project Leader Minh Nguyen (L&W)

2015/2016: Climate extremes over East Asian-Australian monsoon region and their simulation and projection - Project Leader Quanxi Shao

2014/2015: Economically viable Adaptation to Extreme Events - Project Leader Minh Nguyen (L&W)

2014/2015: Coupling of carbon and water for assessing trade-offs between carbon sequestration and water yield under climate change - Project Leader Lu Zhang

2013/2014: Mineral mapping and monitoring of desertification processes from EO technology - Project Leader Thomas Cudahy

2011/2012: Monsoon and climate change impacts on water resources - Project Leader Wenju Cai

2010/2011: Models for carbon accounting in forests, agriculture and arid zones - Project Leaders Peter Caccetta and Michael Battaglia