



# 3<sup>rd</sup> IARC-2020: Third International Atmospheric Rivers Conference

## Santiago, Chile. October 5-9, 2020



Facultad de Ciencias Físicas y Matemáticas  
Universidad de Chile  
Santiago, Chile

Atmospheric rivers (ARs) play a key role in the global water cycle as the primary mechanism conveying water vapor through mid-latitude regions. The precipitation that ARs deliver in many parts of the world, especially through orographic precipitation processes, is important for water resources; but it also regularly is a hazard, triggering floods and landslides, as well as coastal wind storms. The aims of the 2020 International Atmospheric Rivers Conference are:

- to understand dynamical and physical processes in ARs
- to describe the impact of AR on hydrology, environment and society
- to evaluate the Atmospheric River Tracking Method Intercomparison Project (ARTMIP)
- to assess current forecasting capabilities and developing applications
- to project ARs in a warmer world and understand their natural variability

Students are strongly encouraged to attend. Scholarships are available, as well as slots for student speakers.

*Scientific Steering Committee* (•Chair; \* Local host):

René Garreaud<sup>•\*</sup> (U. Chile), Marty Ralph<sup>•</sup> (CW3E, UCSD, US), Anna Wilson<sup>•</sup> (CW3E, UCSD, US), Raul Valenzuela<sup>\*</sup> (U. O'Higgins, Chile), Christine Albano (Desert Research Institute, US), Reuben Demirdjian (CW3E, UCSD, US), Jorge Eiras-Barca (U. Vigo, Spain), James McPhee (U. Chile), Alexandre Ramos (U. of Lisbon, Portugal), Roberto Rondanelli (U. Chile), Jon Rutz (National Weather Service, US), Hans Christian Steen-Larsen (U. of Bergen, Norway), Natalia Tilinina (Shirshov Institute of Oceanology, Russia), Maximiliano Viale (IANIGLIA, Argentina), Mike Warner (Army Corps of Engineers, US)

For further information, please contact René Garreaud ([rgarreau@dgf.uchile.cl](mailto:rgarreau@dgf.uchile.cl)) and Raul Valenzuela ([rvalenzuela@dgf.uchile.cl](mailto:rvalenzuela@dgf.uchile.cl))

Conference web site: [cw3e.ucsd.edu/iarc](http://cw3e.ucsd.edu/iarc) (available Dec 2019)