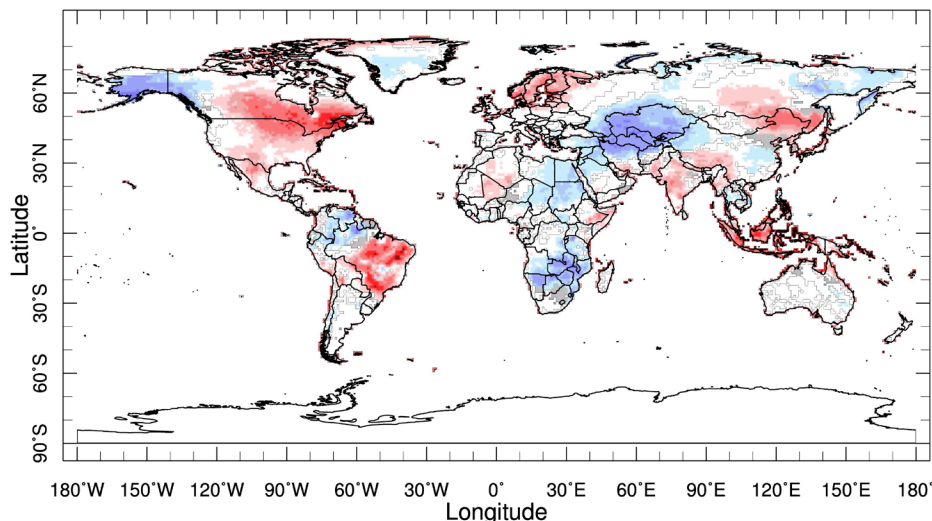


# PRIZE CHALLENGE TO IMPROVE SUB-SEASONAL TO SEASONAL PREDICTIONS USING ARTIFICIAL INTELLIGENCE

**1 June - 31 October 2021**


Improved sub-seasonal to seasonal (S2S) forecasts could enhance food security, the sustainable management of energy and water resources, and reduce disaster risk by providing earlier warnings for natural hazards.

The World Meteorological Organization (WMO) is launching a competition to improve, through Artificial Intelligence and/or Machine Learning techniques, the current precipitation and temperature forecasts for 3 to 6 weeks into the future from the best computational fluid dynamic models available today.

All the codes and scripts will be hosted at [Renkulab](#), developed by the [Swiss Data Science Center](#), and training and verification data will be accessible from the [European Weather Cloud](#) and [IRI Data Library](#). Data access scripts will be provided. After the competition, open access will be provided to all the codes and results.

## Timeline

**Opens: 1 June 2021**
**Closes: 31 October 2021**
**Winners announced: Early February 2022**

## Prizes

**Winning team: CHF 15 000**
**Second team: CHF 10 000**
**Third team: CHF 5 000**


This challenge is part of the Subseasonal-to-Seasonal Prediction Project ([S2S Project](#)), coordinated by the World Weather Research Programme ([WWRP](#))/World Climate Research Programme ([WCRP](#)), in collaboration with the [Swiss Data Science Center](#) and the European Centre for Medium-Range Weather Forecasts ([ECMWF](#)).

For more information on the challenge: <https://s2s-ai-challenge.github.io/>