

# **Assessment of seasonal forecasting over South-Central America**

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## **Objectives**

- Evaluate the seasonal forecasting of CFSv2 for South-Central America: the mean and daily values (extremes, dry-wet spells,...)
- Statistical downscaling focused on two specific regions: SESA and Mexico

## **Data**

Period: 2013-present – 5 member for month (Martin and Rosmeri)

Observation: ERA5 air temperature, CPC for rainfall

## **Methods**

Mean and daily statistics: (Michelle, Rosmeri, Martin)

- box-plot, dry-spells, wet-spells, extremes (75% percentiles)

Statistical downscaling: (Rocio and Mercedes)

- temperature: Multiple Regression
- rainfall: Analog Method

## **Expected Results**

quantitative validation of CFSv2 seasonal forecasting and the added value of the statistical downscaling over the two specific regions