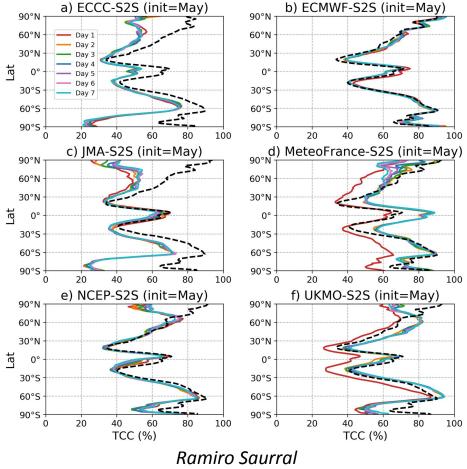
Updates on CHFP and LRFTIP



CIMA (CONICET-UBA-CNRS)



WGSIP-23 from home. 16-17 November 2021



Main news during the last months...

- ✓ Current total of registered users: 250 (+15)
- ✓ 624887 files downloaded in the last 12 months (+70% respect to the Nov2019-Oct2020)
- 2515 request of datasets to download so far in 2021 (+178% respect to 2020)
- ✓ Current total of files within the data base: 46268

Publications using CHFP data

+10 new publications since WGSIP-22. Grand total getting close to 30 papers so far! (with a sharp increase since the publication by Tompkins et al., 2017)

Recent topics include:

- seasonal predictions of summer Indian monsoon rainfall
- forecast of fire impacts on Siberia
- impact of model biases and drift on seasonal skill

News on LRFTIP

New publication on initial shocks, drifts and biases in climate predictions, from the subseasonal to the interannual scale.



JAMES Journal of Advances in Modeling Earth Systems

RESEARCH ARTICLE

10.1029/2021MS002570

Key Points:

- Initial shocks, drifts, and biases affect climate predictions at all time scales
- As they usually lead to a substantial reduction of the prediction skill, further efforts toward their understanding are needed
- The newly developed data set presented in this article is expected to serve as a useful tool for their study

Correspondence to:

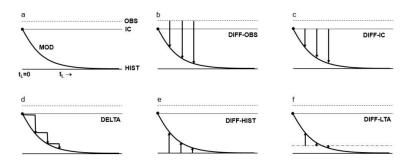
R. I. Saurral, saurral@cima.fcen.uba.ar

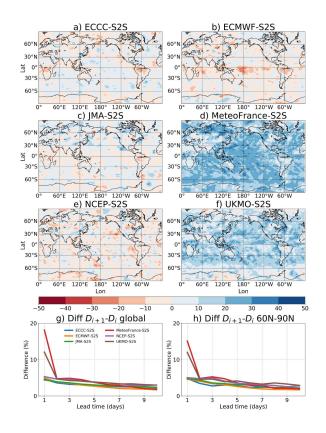
A Data Set for Intercomparing the Transient Behavior of Dynamical Model-Based Subseasonal to Decadal Climate Predictions

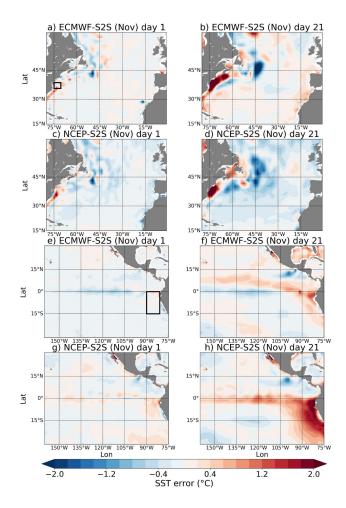
Ramiro I. Saurral^{1,2,3}, William J. Merryfield⁴, Mikhail A. Tolstykh^{5,6,7}, Koo-Sung Lee⁴, Francisco J. Doblas-Reyes^{8,9}, Javier García-Serrano¹⁰, François Massonnet¹¹, Gerald A. Meehl¹², and Haiyan Teng¹³

¹Universidad de Buenos Aires, Facultad de Ciencias Exactas y Naturales, Departamento de Ciencias de la Atmósfera y los Océanos, Buenos Aires, Argentina, ²CONICET – Universidad de Buenos Aires, Centro de Investigaciones del Mar y la Atmósfera (CIMA), Buenos Aires, Argentina, ³CNRS – IRD – CONICET – UBA, Instituto Franco-Argentino para el Estudio del Clima y sus Impactos (IRL 3351 IFAECI), Buenos Aires, Argentina, ⁴Canadian Centre for Climate Modeling and Analysis, Environment and Climate Change Canada, Victoria, British Columbia, Canada, ⁵Marchuk Institute of Numerical Mathematics, Russian Academy of Sciences, Moscow, Russia, ⁶Hydrometcentre of Russia, Moscow, Russia, ⁷Moscow Institute of Physics and Technology, Dolgoprudny, Russia, ⁸Barcelona Supercomputing Center (BSC), Barcelona, Spain, ⁹Institució Catalana de Recerca i Estudis Avançats (ICREA), Barcelona, Spain, ¹⁰Group of Meteorology, Universitat de Barcelona (UB), Barcelona, Spain, ¹¹Université Catholique de Louvain, Georges Lemaître

News on LRFTIP







News on LRFTIP

In order to ensure a longer-lasting way of accessing the data base compared to a website link and with a substantial contribution from Bill, a DOI was assigned to LRFTIP. It will be permanently accessible through doi:10.18164/5dc6d3ae-8eb4-4292-b181-6a96104e63c5.

http://crd-data-donnees-rdc.ec.gc.ca/CCCMA/products/LRFTIP/

Thanks!