# The Climate-system Historical Forecast Project (CHFP) Database

Seasonal Hindcasts for Scientific Research

The Working Group on Subseasonal to Interdecadal Prediction (WGSIP), in collaboration with the Centro de Investigaciones del Mar y la Atmósfera (CIMA), announces the availability of the CHFP dataset of seasonal hindcasts from leading seasonal forecast centres worldwide for research use.

The CHFP database consists of data from retrospective predictions of the seasonal global climate from year to year initialized at least twice a year across recent decades, and is available from the website below.
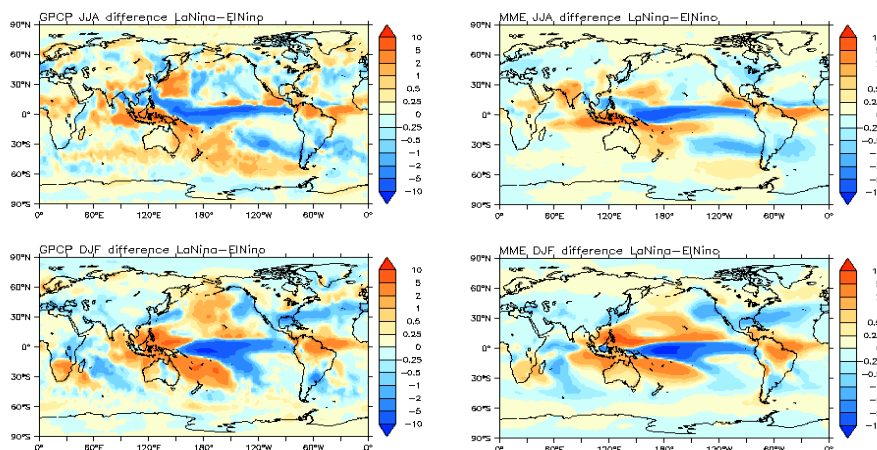
Nino3.4 index, as observed (black curve) and predicted by CHFP models (red) initialized from February, May, August and November 1982-2009 at (a) 0 month lead, (b) 3 month lead and (c) 6 month lead. Circles indicate mean values and error bars standard deviations of predictions from 95 ensemble members

The database currently contains data from 16 coupled forecast systems and hosts more than 10 TB of data in NetCDF format. It is continuously growing and will continue to do so over the coming years to serve as a record of progress in global seasonal forecasting capability. We encourage the research community to take advantage of this growing resource in their studies of the seasonal predictability of global climate in parallel to the CMIP database for longer term climate studies.

See the CHFP website for access and acknowledgement details: **http://chfps.cima.fcen.uba.ar/**

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