

Name: Annarita Mariotti
Annarita.Mariotti@noaa.gov
NOAA-OCP
Country: USA

Title: Research to advance intra-seasonal to inter-annual climate prediction

Additional authors:

Additional Affiliations:

Abstract:

Climate prediction is a foundational capability enabling preparedness to challenges such as the occurrence of droughts, extremes and coastal inundations, a key goal of NOAA's climate activities. Indeed, advancing climate prediction week-2 and beyond is among NOAA's Climate Program Office/MAPP Program primary research objectives. This is also a remaining major challenge for the climate community, with relatively slow progress in the last few years.

As a contribution to community efforts to advance climate prediction, MAPP Program has organized a Climate Prediction Task Force that works in coordination with other national and international research initiatives. MAPP's program current research thrusts include exploring predictability issues; developing, evaluating and optimizing multi-model systems such as the National Multi-Model Ensemble; comparing dynamical and statistical prediction systems. Understanding the predictability of intra-seasonal phenomena such as the MJO and their linkages to the occurrence of extremes over North America, as well as their modeling and prediction has been of particular interest to the MAPP Program.

This presentation will provide an overview of the MAPP program recent and planned activities.

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