

WCRP-CLIVAR Workshop
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Registration form

First Name: Rong

Last Name: Zhang

Email: rong.zhang@noaa.gov

Affiliation: NOAA/GFDL

Country: USA

Title of your presentation: A Review of the Interbasin Impacts of Atlantic Multidecadal Variability

Abstract: This presentation will review observational and modeling studies of the interbasin impacts of Atlantic Multidecadal Variability (AMV). The focus will be on the tropical regions, although some extra-tropical teleconnection pathways will also be mentioned. The interbasin AMV impacts to be discussed include multidecadal fluctuations of ITCZ, monsoon rainfall, and hurricane activity, multidecadal extra-tropical and tropical Pacific variability, and low-frequency ENSO variability. Challenging issues in understanding and simulating the AMV-related interbasin linkages (e.g. influence of modeling biases) and the potential implications for decadal predictions will also be discussed.