WCRP-CLIVAR Workshop "Climate Interactions among the Tropical Basins" 24 - 26 February 2021, Online Registration form

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Title of your presentation: Tropical Basin Interactions on subseasonal to interannual time scales

Abstract:

This presentation will provide an overview of interactions between tropical ocean basins on subseasonal to interannual time scales with a particular focus on the link between modes of tropical climate variability such as the Pacific El Niño-Southern Oscillation, the Atlantic Niño, and the Indian Ocean Dipole. Characteristics and mechanisms of their relationship as well as their interaction with shorter-period variability such as the Madden-Julian-Oscillation will be reviewed. Multi-decadal modulations of the strength and character of the interactions are also discussed.