



WCRP-JNU Training School on Monsoon Variability in Changing Climate



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Ongoing Work

Development of a standalone Boundary Layer Module

National Monsoon Mission by IITM Pune - Creating a new coupled Ocean-Atmosphere climate model

Heat-flux scaling for weakly forced turbulent convection in the Atmosphere - R. Narasimha and Kusuma G Rao.

The current boundary layer module works on the Monin Obukhov theory which work very well for free convection region.

In the weakly forced convection region, the MO theory becomes invalid and there is a variation of drag and heat flux. This variation is tried to be incorporated in the existing Boundary layer module



Future...

Joining under Dr. June-Yi Lee

Variability and impact of surface salinity over the Global

Ocean on Asian Climate

The background features several thick, wavy green lines in various shades of green, ranging from light lime to a darker forest green. These lines curve across the frame. Interspersed among these are numerous thin, light green swirls and loops, creating a sense of movement and elegance. The overall composition is clean and modern.

THANK YOU