



From Urban Climatology to Climate Proofing Cities

Dev Niyogi

Purdue University, 915 W. State St., West Lafayette, IN 47907, climate@purdue.edu

The presentation will review the state of our current understanding of urban climatology from different scales using observational, modeling, and synthesis reports. After reviewing this a case will be made for the priorities that need to be met as we translate this knowledge into development of climate proofing cities especially as they get exposed to high impact events such as heat waves and hydrological extremes. Examples of feedback from US and India will be particularly compared in developing this perspective.