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Jan Kleissl is an assistant professor in the Department of Mechanical and Aerospace Engineering at the UC San Diego. He received his Ph.D. in 2004 from the Johns Hopkins University in Environmental Fluid Mechanics and has authored 19 publications on Large Eddy Simulation, Evapotranspiration, Urban Meteorology, and Solar Meteorology. At UCSD he has developed a dense outdoor sensor networking infrastructure to study the interactions between weather conditions and thermal loading of campus buildings. Complementary modelling work describes the effects of Urban Heat Island mitigation measures on building energy use, urban climate, and greenhouse forcing.