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Heat Stress in the Midwestern United States

12 Vulnerability of the Electricity and Water Sectors to Climate Change in the Midwest13 The Drought Risk Management Paradigm in the Context of Climate Change; 14 Local Adaptation to Changing Flood Vulnerability in the Midwest; 15 The Response of Great Lakes Water Levels and Potential Impacts of Future Climate Scenarios; 16 Vulnerability of the Energy System to Extreme Wind Speeds and Icing; 17 Climate Change Impacts, Risks, Vulnerability, and Adaptation in the Midwestern United States: What Next?; List of Contributors; Index

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Sommario/riassunto

The research presented in this volume focuses on identifying and quantifying the major vulnerabilities to climate change in the Midwestern United States. By providing state-of-the-art spatially disaggregated information regarding the historical, current, and possible future climate within the region, the contributors assess the risks and susceptibility of the critical socio-economic and environmental systems. Key sectors discussed are agriculture, human health, water, energy and infrastructure, and the vulnerabilities that may be amplified under current climate trajectories. The book also c

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