

## Current Advances in Urban Hydrometeorological Research at the University of Georgia



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**ATMOSPHERIC SCIENCES**

### **ABSTRACT:**

Dr. Shepherd is a leading scholar studying aspects of hydrometeorological extremes, urban climate, and societal implications. Dr. Shepherd has advanced understanding of how urbanization, precipitation and convection are related. For this work, he has received the 2004 Presidential Early Career Award for Scientists and Engineers (PECASE) and the 2018 Helmut Landsberg Award. In this lecture, Dr. Shepherd will layout what we know about urban effects on precipitation and convective processes and where the research is headed in the future. He'll draw on past literature, research, and ongoing projects. Where relevant, Dr. Shepherd will also tie the basic research together with opportunities for applications and assessment of societal risk.



**Thursday**  
**JUL 16th**



**3:30 – 4:30PM MST**



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**web link**

