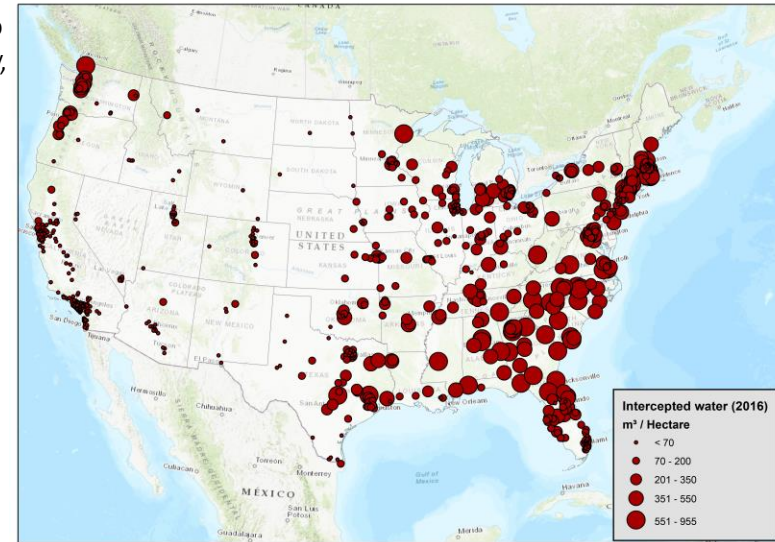


# Austin Troy: Tracking nationwide benefits from urban nature

“Ecosystem accounting” is an approach used by many agencies around the world to quantify the benefits from nature at a national or international scale. Unfortunately, the benefits from urban nature have often been overlooked. Among other things, this NASA-funded project seeks to address this by developing computational approaches to map and value the benefits of urban vegetation in reducing urban heat and stormwater flows across the US. Several partner organizations (see below) have adopted these tools to help address their management challenges. Led by Austin Troy, this project has been propelled by former CU Denver postdoctoral researcher Mehdi Heris, who is now faculty at Hunter College in New York, and has resulted in publications including in the highly ranked journal *Scientific Data*.

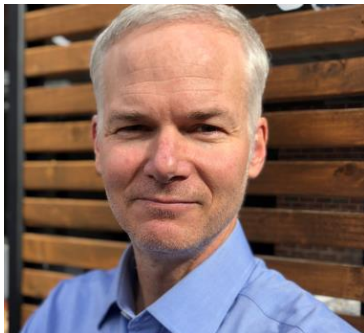
- Funder: NASA (Dates active: 2018-2021)
- Partners: USGS, New York City Parks and Recreation, Joint Research Center of the European Commission
- Research Team:



Energy savings associated with heat mitigation from urban tree canopy

## Austin Troy

Professor, CU Denver  
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## Mehdi Heris

Postdoctoral Researcher (CAP)  
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## Ken Bagstad

Key Collaborator and  
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