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AAG-UCGIS Summer School 2019

Reproducible Problem Solving with CyberGIS and Geospatial Data Science

*University of Illinois at Urbana-Champaign
Monday July 8 - Saturday July 13, 2019*

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[Plus, winners of the UCGIS-CyberGIS Center at UIUC Awards for Advancing](#)

[Reproducible Geospatial Research!](#)



In July 2019, a week-long summer school on *Reproducible Problem Solving with CyberGIS and Geospatial Data Science* was co-led by the CyberGIS Center for Advanced Digital and Spatial Studies (CyberGIS Center) at the University of Illinois at Urbana-Champaign (UIUC), American Association of Geographers (AAG), and University Consortium for Geographic Information Science (UCGIS). Approximately

30 graduate students and early career scholars collaborated in developing novel solutions to complex problems and to take advantage of geospatial data science and cutting-edge scientific advances and

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technical capabilities of cyberGIS (e.g., CyberGIS-Jupyter and Virtual ROGER: cybergis.illinois.edu/infrastructures). Participants experienced the types of collaborative and professional interactions that are key to addressing reproducible geospatial problem solving in the context of computation- and/or data-intensive research involving confidential geospatial data. The program was built on the success of the inaugural [UCGIS Summer School in 2017](#), and ideal for those working on interdisciplinary and transdisciplinary topics, including but not limited to: data-driven social and environmental sciences, digital humanities, geospatial artificial intelligence, and remote sensing big data.

This Summer School was possible through the generous support of the National Science Foundation (NSF).

Our 2019 cohort included:

Alexander Michels, University of Illinois at Urbana-Champaign	Alexandra Timmons, University of Illinois at Urbana-Champaign
Andong Ma, Texas A&M University, College Station	Angela Werner, Centers for Disease Control & Prevention
Bidhyananda Yadav, The Ohio State University	Brandon Lieberthal, University of Maine
Changzhen Wang, Louisiana State University	Chen Liang, University of Kansas
David Lafferty, University of Illinois at Urbana-Champaign	Forrest Bowlick, University of Massachusetts Amherst
James Coll, University of Kansas	Jesse Bakker, University of Minnesota
Jimmy Feng, University of Tennessee, Knoxville	Jinhyung Lee, The Ohio State University
Jinwoo Park, Texas A&M University, College Station	Kate Vavra-Musser, University of Southern California
Kiley Heaps, Idaho State University	Li Yi, University of Southern California
Megan Coffey, North Carolina State University	Mehak Sachdeva, Arizona State University
Mishka Vance, Hunter College, CUNY	Mohammad Eshghi, University of Oregon



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Prof in GIScience

[@txtstatego](https://twitter.com/txtstatego)

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Director of GIS

Professional Programs

[@UWMadisonGIS](https://twitter.com/UWMadisonGIS)

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Upcoming Events

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Peng Fu, University of Illinois at Urbana-Champaign	Pu Huang, Texas A&M University, Corpus Christi
Swarnali Sanyal, University of Illinois at Urbana-Champaign	Weibo Liu, Florida Atlantic University
Xiaonan Tai, University of Utah	Xuan Zhang, University of Georgia
Xueqing Deng, University of California, Merced	Yalin Yang, Binghamton University
Yogita Karale, University of Texas at Dallas	Yuanyuan Tian, Arizona State University
Yun Zhao, University of Illinois at Springfield	Yuejin Jiang, University of Southern California
Zhiyuan Yao, University of Cincinnati	

Questions about the Summer School can be directed to Dr. Anand Padmanabhan (apadmana@illinois.edu) or Dr. Shaowen Wang (shaowen@illinois.edu).



Organizers


- Coline Dony, American Association of Geographers
- Anand Padmanabhan, UIUC
- Eric Shook, University of Minnesota, Twin Cities
- Diana Sinton, University Consortium for Geographic Information Science
- Shaowen Wang, UIUC

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