MASON SCIENCE COMMUNITY

New urban data science course and minor offer new Mason options

In order to address the increasing need for individuals skilled in urban spaces, the University of Mason created the Department of Geography and Geoinformation Science (GGS) to provide a computational understanding of cities and explore ways to make these areas more sustainable and livable. To fill this knowledge gap, GGS introduced a new urban data science course and minor.

Prospectively impacting students' Mason experience

The new course and minor are designed to advance the student's computational skills and adapt them to address data-rich urban challenges. By developing a computational understanding of cities, students can address the ongoing challenges often accompanied by urbanization. To better harness this data to address ongoing challenges, students will develop a computational understanding of cities.

RESEARCH & DISCOVERY

Precipitation within urban systems

Recent research from the Center for Spatial Information Science and Systems (CSISS) has received over $3 million in funded research in multiple urban systems. Over the previous year, the center has worked with the National Science Foundation, NASA, and other organizations to develop a computational framework to understand and predict extreme precipitation in urban systems.

IN THE NEWS

Andrew Light speaks on US Paris Climate Accord

Andrew Light, professor and graduate program director for the Department of Computational and Data Sciences, recently spoke about the United States' rejoining of the Paris Climate Agreement. Andrew Light was noted as one of those who is making a difference.

Events

Fall Institute 2020

The Mason Fall Institute 2020 is a virtual, two-day conference from October 29-30, 2020. Tickets are $50 for Mason employees and students, $75 for non-Mason employees, and $100 for the general public. Tickets are available for purchase at science.gmu.edu.

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