

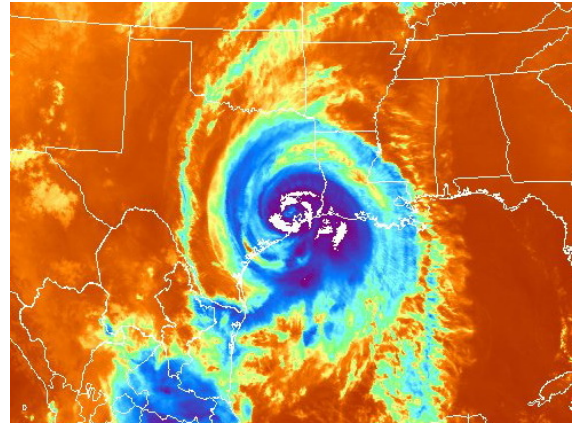
Catastrophic Cyclones: Using GIS to Investigate the Impacts of Hurricanes

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April 12, 2018 (9:00 a.m. – 3:00 p.m.)
Learn Lab, 202 Chambers Building
Penn State University

The access to information has exploded over the past twenty years. This flood of data available to explore the world has created great opportunities for education. This workshop will help teachers learn how to use maps to communicate information about the environment and populations. Using hurricanes as examples, we will explore how geographical tools can be used to make dynamic digital maps. We will use satellite imagery, models, and census data on populations to analyze how the environment and people intersect during hazards. We will also engage in activities to help teachers conduct their own classroom investigations by bringing modern mapping using GIS into the classroom. All teachers are welcome, as this can be applied to many content areas. Social studies teachers are encouraged to attend, too. Attendees will receive free access to ArcGIS software for use in their classrooms.

- **Target Audience:** Teachers of students grades 6-12
- **This workshop and six ACT 48 hours are provided FREE to all educators**
- **All i-STEAM workshops are aligned to the PA Science and Technology standards, Engineering Education Standards, and Next Generation Science Standards.**
- **A continental breakfast and lunch will be provided by the Center for Science and the Schools (CSATS). Maximum enrollment is 24.**
- **Register online now to reserve a spot online today at: <http://csats.psu.edu/overview-of-csats-programs/academic-year-workshops/isteam-workshops>**



For more information email Matt Johnson at mjohnson@psu.edu or call 814-863-6607.

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