

Summer Project

Dr. Cathy Geiger is working on a film documentary about the impact of Tropical Storm Irene in Vermont. She is looking for a summer student to work with her on some 3D surveying and imaging in White River Junction, VT. Undergraduate and graduate students with GIS experience and good mathematical/spatial orientation in the outdoors are preferred. Support includes 2.5 months of summer funding (Geography graduate rate) and \$300 travel expenses. Lodging and meals will be provided during the field work (minimum of one week in Vermont is needed but longer is desired).

Responsibilities of the student include:

- 1) Field work (minimum 1 week) in Vermont to collect survey data with Dr. Geiger.
- 2) Post-processing of surveyed results using provided 3D software
- 3) Downloading, cataloguing, and archiving USGS records during Irene over an area known as the White River and Ottauquechee River watersheds

Resources we will be working with can be found at:

Online Resources: <http://www.vcgi.org/Irene/>

Field Surveying Tool (comes with on-the-job training):

<http://www.topconpositioning.com/products/total-stations/imaging-and-scanning/imaging-station>

How to Proceed:

If you are interested please contact Dr. Geiger at cgeiger@udel.edu. Please label your message "VT Summer Internship". A one page CV and one page statement of interest are appreciated.