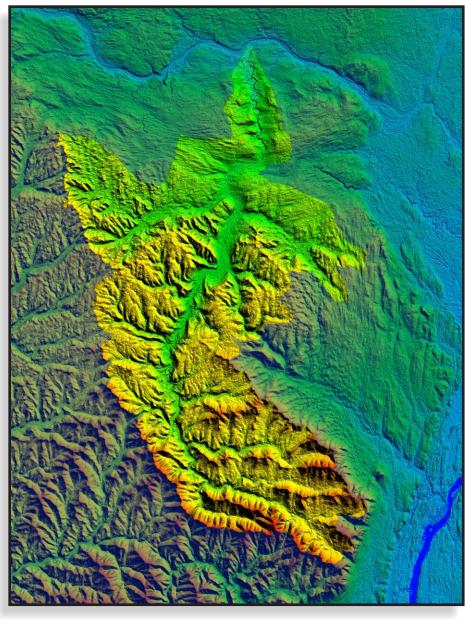
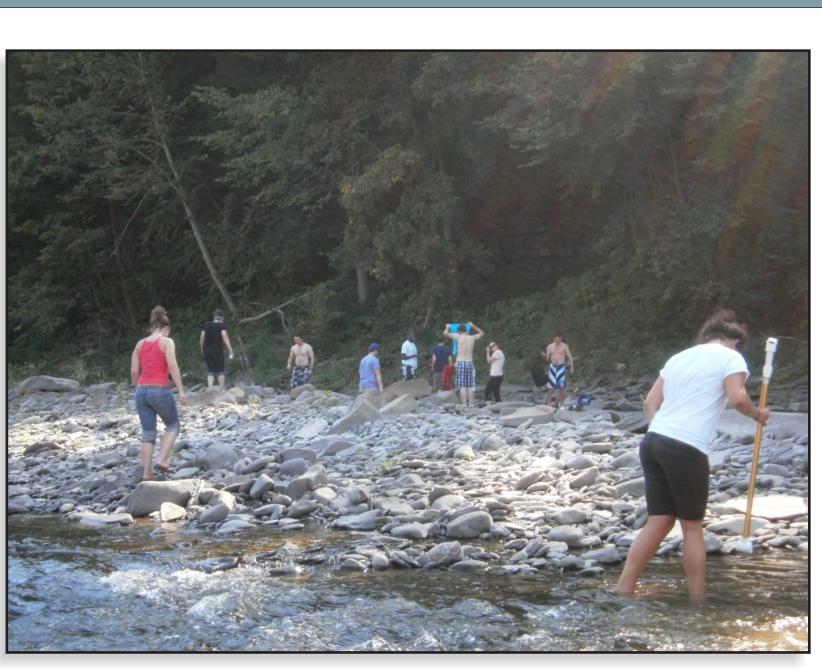


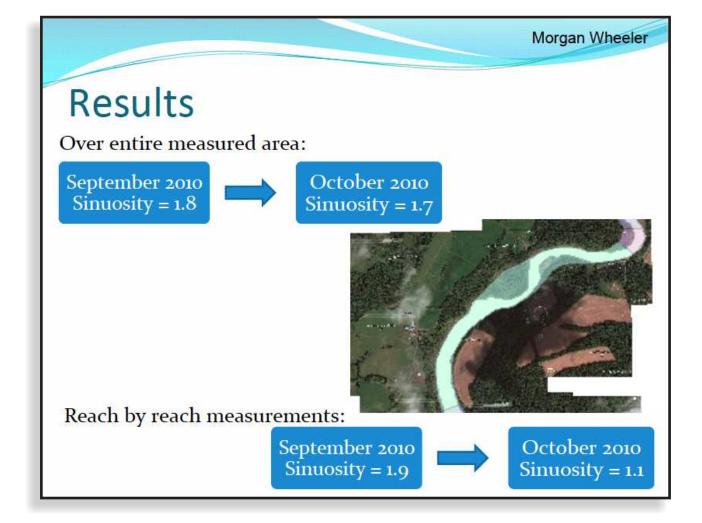
August 2012, students and their three faculty (fearless?) leaders left University of Guelph campus heading for Schoharie Valley (~7 hour drive if the border goes well). Our goal was to immerse ourselves in the Schoharie Valley landscape to study humanenvironment interactions. Through formal and informal tours, guest-speakers and key informant interviews students collected data toward their independent research projects, which then formed the basis of their collaborative analysis (group projects, listed in the abstract). Included on the poster are photos and samples of research and accompanying the poster are student projects (pdfs are available via email from Jackie (jadyn.cockburn@uoguelph.ca).



Digital elevation model of Schoharie Valley



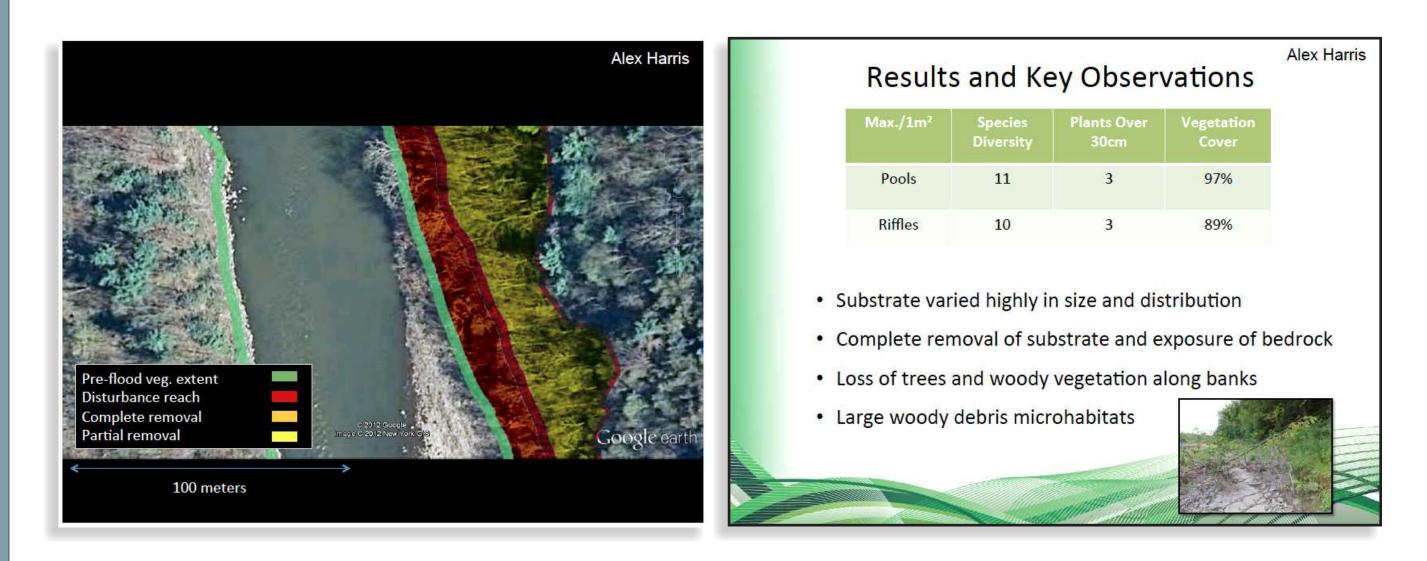
Students at Schoharie Creek near Burtonsville



Results from Morgan Wheeler's independent research project 'An analysis of stream sinuosity changes in a section of the northern Schoharie Creek due to August 2011 flood events using air photo analysis'



Visiting one of the stops on the Flood Recovery tour in Schoharie County, August 2012

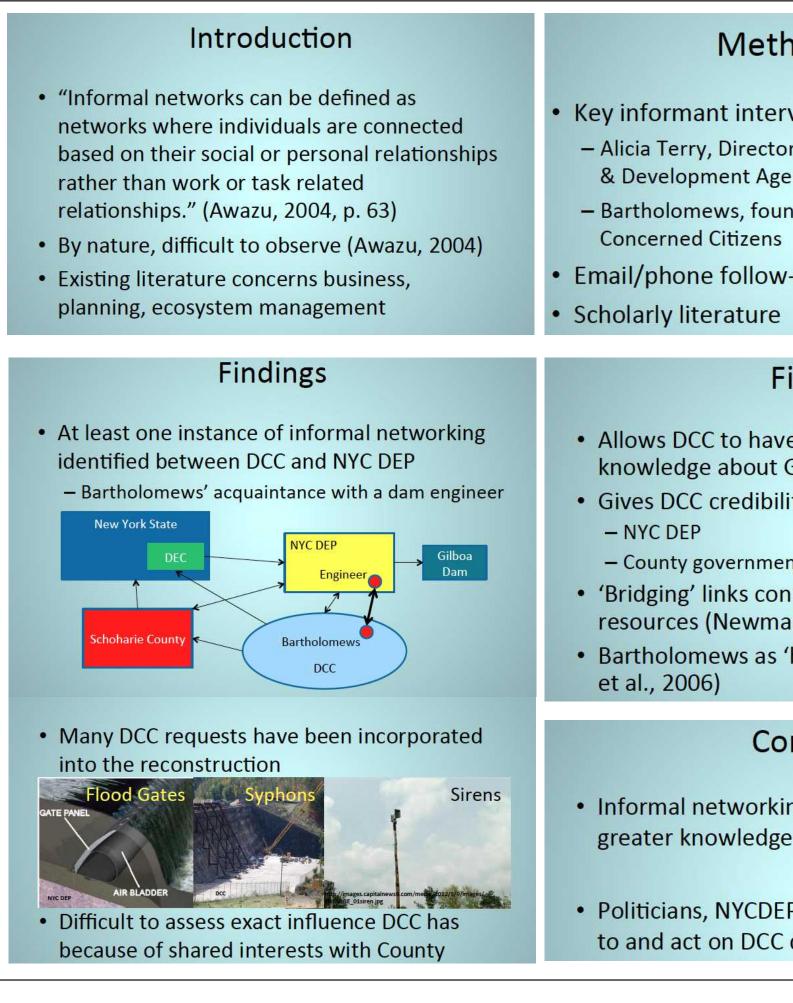


Analysis and key findings from Alex Harris's independent research project titled, 'Analyzing the vegetative' environment along a riffle-pool sequence in Schohaire Creek at Burtonsville one year after a 500-year flood event'.

# Geography Field Research in Schoharie Valley University of Guelph Student Experiences August 2012



Speaking with Howard and Sherrie Bartholomewat the Schoharie River Center



Informal Networks and Management of the Gilboa Dam – Nick Revington



Visiting Schoharie Valley Farms and Richard Ball. Inside the vegetable processing room (left top and bottom), outside the greenhouses.



Results from Rebecca Warren's research project, 'Modeling the bedload transportation rates at bankfull in Line Creek'

## J. Cockburn, A. Hovorka, B. Smitt & GEOG 4690 F12 Students Geography Department, University of Guelph, Guelph ON, Canada Jaclyn.cockburn@uoguelph.ca



### Methodology

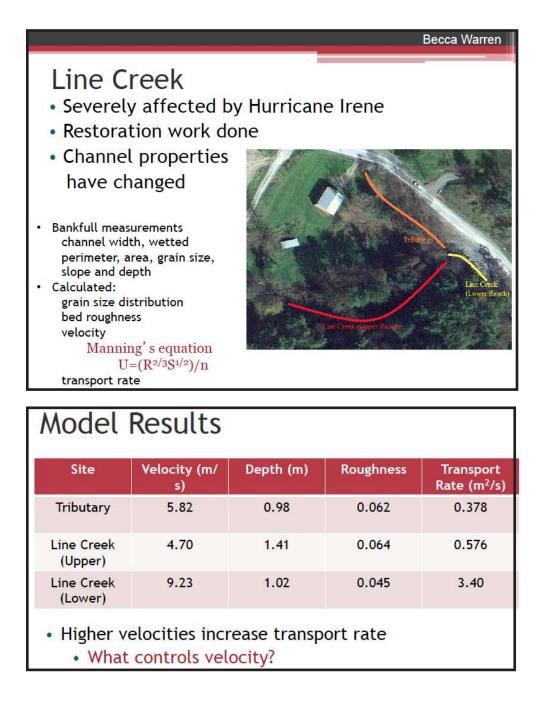
- Key informant interviews
- Alicia Terry, Director, Schoharie County Planning & Development Agency
- Bartholomews, founding members, Dam **Concerned Citizens**
- Email/phone follow-up questions

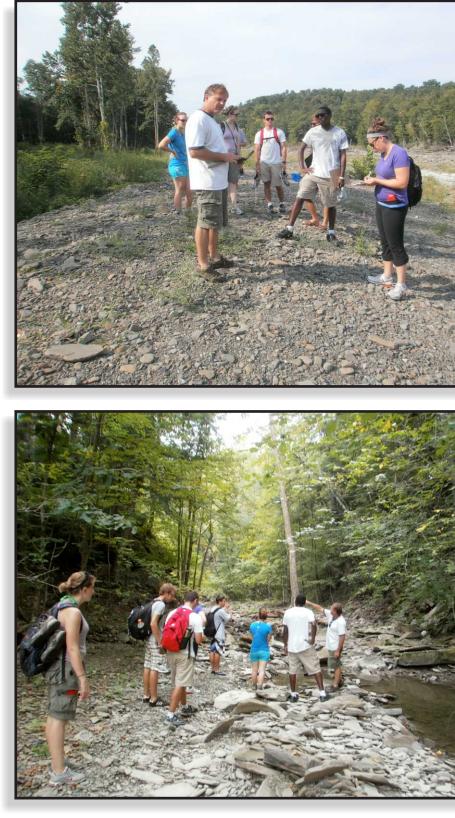
#### Findings

- Allows DCC to have facts, figures, technical knowledge about Gilboa Dam reconstruction Gives DCC credibility, stronger rapport - County government 'Bridging' links connect to diversity of resources (Newman & Dale, 2005)
- Bartholomews as 'broker' in network (Bodin

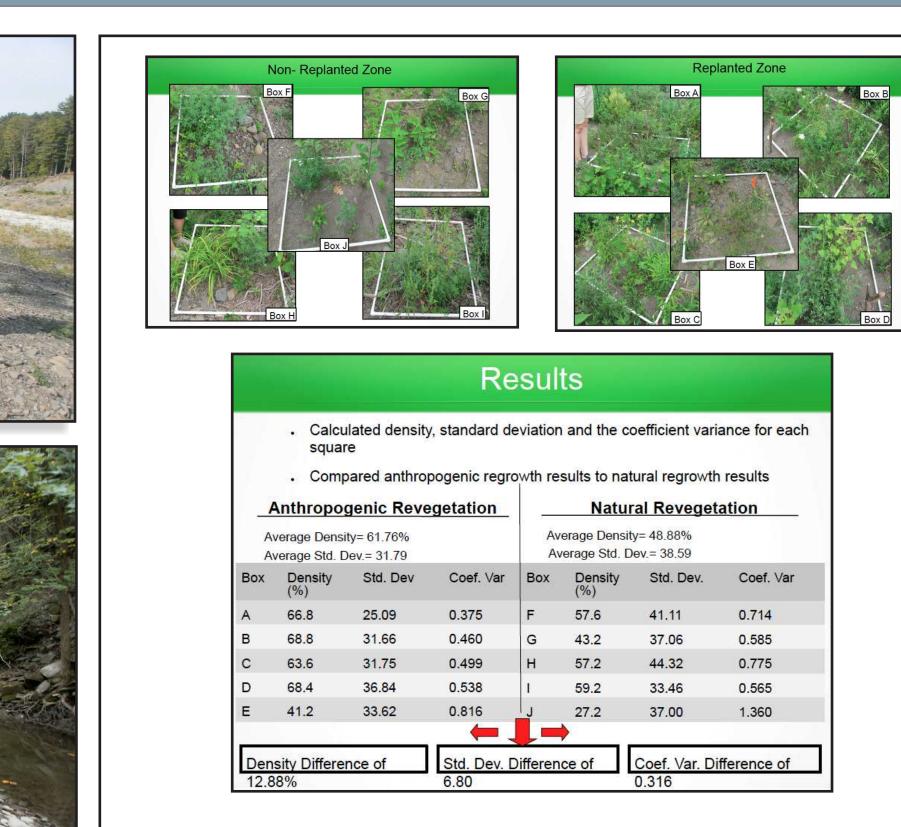
#### Conclusion

- Informal networking allows DCC access to greater knowledge
- Politicians, NYCDEP are more willing to listen to and act on DCC demands

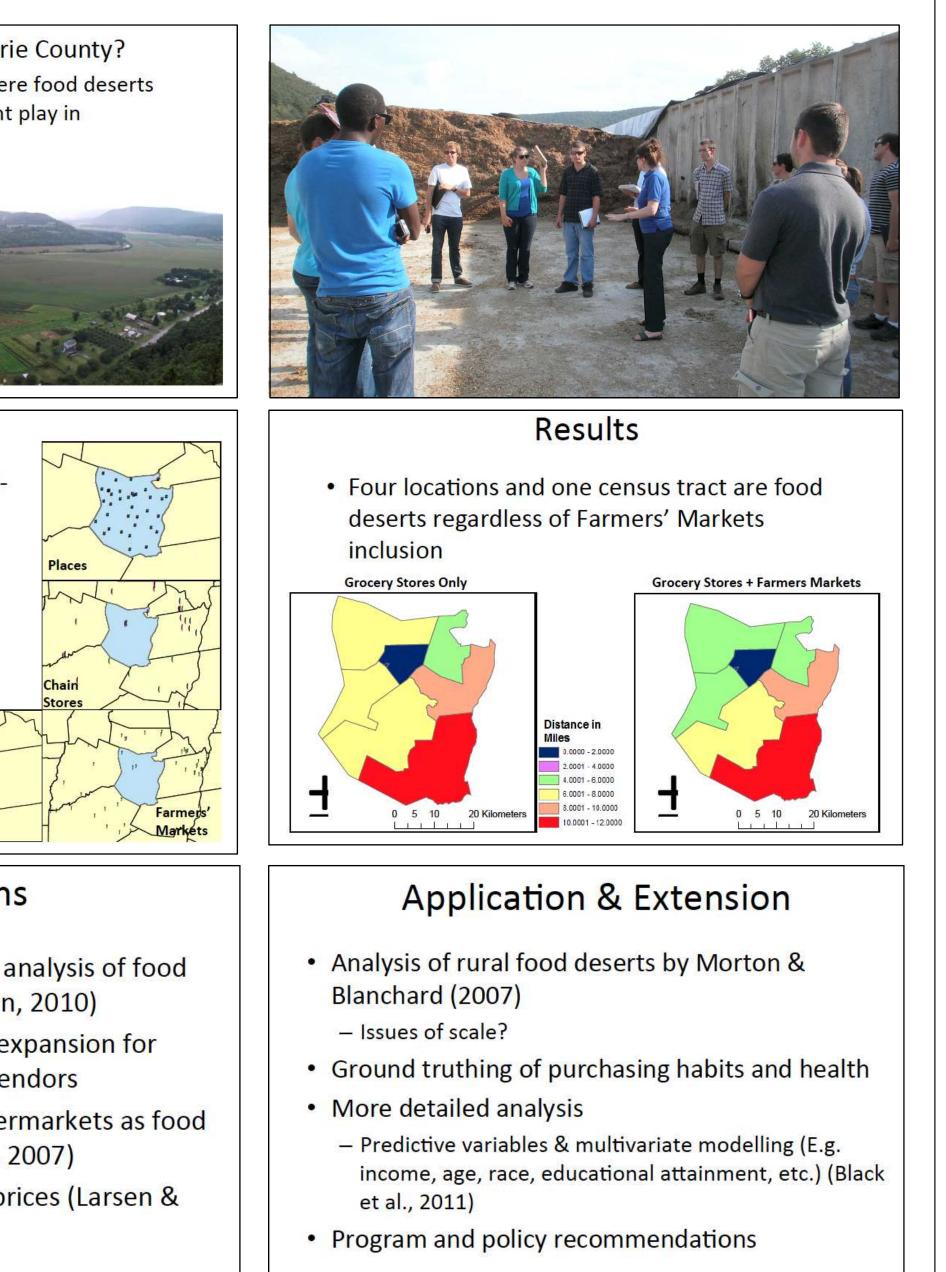




Hiking along the riparian zone with John McKeeby, Schoharie River Center.



Key findings from Erica Wilkinson's independent research project 'Describing the Difference between Natural Revegetation and Anthropogenic Assisted Revegetation in the Riparian Zone after a Flood'



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ent, SUNY Cobleskill

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