

Triangle Climate & Landscape Researchers' Doggie Bag

Take-Home Info from the Brown Bag on May 9th, 2013

Main Presentation

Catalina Segura, a Post-doctoral Fellow from North Carolina State University recently spoke on the "Potential Impacts of climate change on soil erosion vulnerability across the conterminous U.S." This study examines climate induce effect on rainfall-runoff erosivity between 1970-2090 across the United States under 9 climate projections predicted by 3 General Circulation Models for 3 emission scenarios (A2, A1B, and B1). In doing so, researchers were able to look at a novel approach to evaluate future trends on soil erosion vulnerability which will aid future watershed management actions. Researchers were able to discern several concluding thoughts including: erosivity will likely increase in large areas of the country (e.g., the northeast and northwest); variability in erosivity is likely to increase in the northeast, south, and northwest; Climate models predictions are inconsistent in large areas of the west coast and the Midwest; the most vulnerable areas to erosion are located in the Midwest (i.e., cultivated crops); and, resources of soil conservation must give priorities to these regions identified by this study. To view this fantastic presentation, [click here](#). For any additional questions, please contact Catalina at csegura@ncsu.edu.

Next Triangle Climate & Landscape Researchers' Brown Bag Topic

July 11th, 2013: Emily Meineke, a PhD student at North Carolina State University, will present **"Warming in the city: Global change affects herbivores and their natural enemies on street trees."** Emily, along with fellow authors Robert Dunn, Joseph Sexton, and Steven Frank, recently had their work published in PLOS ONE. To view the article, [click here](#).

Please join us for this exciting talk, and please feel free to extend this invitation to colleagues, students, faculty or friends.

Time: 12:00-1:30pm

*Location: **Ground Floor Bullfrog Education Room**, Wildlife Resources Commission Building, NC State University's Centennial Campus, 1751 Varsity Drive, free visitors' parking in rear of building*

News & Events

SALCC Web Forum – May 16th, 2013

- The SALCC will have its monthly [Web Forum](#) at 10 am on May 16th featuring Amy Keister, GIS Coordinator with the South Atlantic LCC. Amy will give a presentation on [The SALCC Conservation Planning Atlas \(CPA\)](#). The CPA is a science-based mapping platform where conservation managers and LCC members can go to view, retrieve, and perform analyses on spatial information with specific conservation goals in mind. Please join us!

Attendees & Contacts

Lori Barrow	SALCC	lori@southatlanticlcc.org
Janet Cakir	SALCC	Janet_cakir@nps.gov
Emrys Treasure	US Forest Service	etreasure@fs.fed.us
Rua Mordecai	South Atlantic LCC	rua@southatlanticlcc.org
David Zietlow	NCSU/USFS	drzietlo@ncsu.edu
Peter Caldwell	USFS	Pcaldwell02@fs.fed.us
John Cobb	NCSU/USFS	Jgcobb.ncsu.edu
J-Domec	NCSU	jdomec@ncsu.edu
Lisa Jennings	US Forest Service	lnhausfa@ncsu.edu

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Aranzazu Lascurain	NCSU CE Climate Science Center	alascur@ncsu.edu
Eric Ward	NCSU/USFS	Ejward3@ncsu.edu
Johnny Boggs	USFS	jboggs@ncsu.edu
Ge Sun	USFS	gesun@ncsu.edu
Steve McNulty	USFS	smcnulty@fs.fed.us
Catalina Segura	NCSU	csegura@ncsu.edu

If you're not a member of the South Atlantic LCC's website, simply click [here](#) to join! Updates are posted regularly.
Questions? Comments? Please contact Lori Barrow (lori@southatlanticlcc.org; 919-707-0291).