

The Impacts of Within Season Rainfall Variability Across Ecosystems

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Together with Kimberly La Pierre and Michell Thomey, I organized a meeting from April 16-18 in 2010 at the Kellogg Biological Station. Each person attending researched potential LTER datasets that could be used to answer various questions about the interaction between precipitation variability and plant communities. The first day and a half was spent refining questions based on the available data, determining which of the questions laid out in the original proposal could be answered with the available data and what refinements should be added to those questions. The rest of the meeting was spent deciding which analyses would be best suited to answering those questions and how to organize data from different sites and different community types into a cohesive dataset where comparisons could be made. The meeting concluded with some preliminary analyses and a discussion of who would complete various aspects of the work. Analyses were completed remotely after the conclusion of the meeting and a manuscript drafted and sent for friendly review early in 2011. Afterwards, the manuscript was submitted to Ecology Letters where it was declined without review and then submitted to the Journal of Ecology, where it was reviewed, but declined. After a set of revisions and the presentation of the research at the Ecological Society of America meeting in the summer of 2011, the manuscript was submitted to Oikos which has asked for a revised version of the manuscript.

A second meeting was led by Kerry Byrne with a subset of the original group and two new members to follow the original broad analysis with more in depth work focusing on climatic extremes. The meeting occurred on March 3-6 2011 at Shortgrass Steppe and Colorado State University. This project is ongoing and currently still in the data gathering/analysis stage.

Meeting dates and participants

April 16-18 2010

<i>Participants</i>	<i>Affiliation</i>
Todd Robinson	KBS
Kimberly Komatsu	KNZ
Michell Thomey	SEV
Samantha Colby	AND
Matt Vadeboncoeur	HBR
Steven Rostkowski	KNZ
Kerry Byrne	SGS

March 3-6, 2011

Kerry Byrne	SGS
Todd Robinson	KBS
Kimberly Komatsu	KNZ
Michell Thomey	SEV

Dave Hoover
Sarah Evans

KNZ
SGS

Products

Oral presentation, Ecological Society of America annual meeting, Austin, TX. 2011.
Robinson, T.M.P., K.J. La Pierre, M. A. Vadeboncoeur, K.M. Byrne, S. Colby, M.L. Thomey. Seasonal, not annual precipitation drives community productivity across ecosystems.

Manuscript in revision at Oikos - Robinson, T.M.P., K.J. La Pierre, M. A. Vadeboncoeur, K.M. Byrne, M.L. Thomey, S. Colby. Seasonal, not annual precipitation drives community productivity across ecosystems.