Daniel LeVine dslevine@utexas.edu

Department of Geography and the Environment (512) 350 6073

The University of Texas at Austin

I am a geographer and environmental scientist interested in developing connections between ecological field techniques and remote sensing technologies for a broadened understanding of our world’s natural systems.

***Education***

**M.A., Geography** (Expected)2014-2016

The University of Texas at Austin

**Thesis:** Understanding savanna woody vegetation dynamics along a precipitation gradient within the Edwards Plateau of Texas

**Adviser:** Kelley A. Crews

**B.S., Environmental Science (Geography Track)** 2008-2012

The University of Texas at Austin

**Thesis:** A remote sensing analysis of bush encroachment on a game farm in Ghanzi, Botswana.

**Adviser:** Thoralf Meyer

***Academic Employment***

**Study Abroad Botswana Assistant** Summer 2014

Department of Geography and the Environment, UT Austin

**Digital Landscapes Laboratory Research Volunteer** 2012-2014

Department of Geography and the Environment, UT Austin

**Hawkes Soils Biogeochemistry Lab Research Assistant** 2012-2013

Section of Integrative Biology, UT Austin

**Ecosystem Design Group Intern** Spring 2012

Ladybird Johnson Wildflower Center, UT Austin

***Teaching Experience***

***Teaching Assistantships:***

**Environmental Science** (for Dr. Thoralf Meyer)Fall 2015

**Climate Change and Vegetation Response in the Kalahari** (for Dr. Thoralf Meyer)Summer 2015

**Enviro-Cultural Dynamics in Botswana** (for Dr. Thoralf Meyer)Summer 2015

**Introduction to Remote Sensing of the Environment** (for Dr. Thoralf Meyer) Spring 2015

**Landscape Ecology** (for Paul Holloway) Spring 2015

**Our Global Backyard** (for Dr. Kelley A. Crews) Fall 2014

**Research Methods for Environmental Science** (for Dr. Mary Poteet) Spring 2013

***Supply Lecturer:***

**Enviro-Cultural Dynamics in Botswana –** “The Cultural, Political, and Economic History of Botswana”Summer 2015

**Landscape Ecology – “**Scale” Spring 2015

**Remote Sensing – “**Remote Sensing of Texas Savannas” Spring 2015

**Climate Change and Vegetation Response in the Kalahari – “**Vegetation Indices and Environmental Monitoring” Summer 2014

***Fellowships, Grants, and Awards***

**Robert E. Veselka Endowed Fellowship for Graduate Research Travel** Summer 2015

**Department of Geography and the Environment Conference Travel Award**

AAG Annual Meeting, Chicago Spring 2015

**Graduate Recruitment Fellowship**

The Unversity of Texas at AustinFall 2014

**Teaching Certificate in First-Year Interdisciplinary Instruction**

The University of Texas at Austin Fall 2014

**Department of Geography and the Environment Conference Travel Award**

AAG Annual Meeting, Tampa Spring 2014

***Conference Presentations***

*Understanding climatological drivers of woody plant encroachment in the Edward’s Plateau, Texas.* AAG Annual Meeting, Chicago. April 21st – 25th, 2015.

*Connecting climatological drivers and woody vegetation productivity in the Edward's Plateau, Texas using eddy covariance flux tower data and Landsat-derived vegetation indices.* 2nd Annual Symposium of the Association of Geography Graduate Students, Texas A&M University. March 6th, 2015.

*Assessment of savanna woody encroachment in the Kalahari leveraging NDVI and vegetation plots.* AAG Annual Meeting, Tampa. April 8th – 12th, 2014.

***Fieldwork***

**The Edwards Plateau, Texas Fall 2015**

**Central Kalahari Game Reserve, Botswana Summer 2014 and 2015**

**Ghanzi, Botswana Summer 2012, 2014 and 2015**

**St. Edwards Park, Texas Spring 2012**

***Institutional Services and Activities***

President of the UT American Society for Photogrammetry and Remote Sensing (ASPRS) Student Chapter 2015-2016

Treasurer for the UT Graduate Association of Geography and the Environment 2015-2016

Member of the UT Austin Graduate Association of Geography and the Environment 2014-Present

Vice President of the UT ASPRS Student Chapter 2014-2015

***Professional Affiliations***

Student Member of the American Society for Photogrammetry and Remote Sensing 2015-Present

Student Member of the American Association of Geographers 2013-Present

Student Member of the American Association of Environmental Engineers and Scientists 2012-Present