

RADOST K. STANIMIROVA

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EDUCATION

Boston University, Boston, MA

Ph.D. Geography, Expected May 2019

Advisor: Dr. Mark Friedl **GPA:** 4.00/4.00

Barnard College, Columbia University, New York, NY

Bachelor of Arts May 2012

Major: Environmental Science **Minor:** Anthropology **GPA:** 3.72/4.00

TEACHING & RESEARCH EXPERIENCE

Department of Earth and Environment, Boston University, Boston, MA, January 2015 – Present

Graduate Research Assistant

- Process MODIS reflectance timeseries to extract and map start-of-season and end-of-season phenophase transition dates
- Compare and interpret spring phenology estimated from two methods, TIMESAT and MODIS Land Cover Dynamics Product (MCD12Q2)

Department of Earth and Environment, Boston University, Boston, MA, September 2014 – December 2014

Teaching Fellow

- Instructed weekly two hour lab lectures for 37 students introducing concepts and experiments for a natural environments course, "The Atmosphere"
- Facilitated weekly review sessions, evaluated students and provided them with feedback

International Research Institute for Climate and Society, Earth Institute, Columbia University, Palisades, NY, June 2012 – July 2014

Research Staff Assistant

- Provided research support for a variety of climate risk management implementation projects relating to remote sensing, agriculture and index insurance
- Wrote effective grant proposals and budgets for donor organizations including World Bank, World Food Programme and NASA
- Prepared interim and final narrative reports per funder's requirements
- Facilitated in-region capacity building workshops in English and Spanish

Department of Environmental Science, Barnard College, New York, NY, June 2010 – May 2012

Research Assistant

- Investigated the role of geochemistry in arsenic contamination of groundwater in Bangladesh and authored a 40 page thesis paper regarding the subject
- Developed a procedure for column experiments on sediment cores in collaboration with research mentor and a team of graduate students
- Executed laboratory experiments independently, performed detailed laboratory tasks, collected and analyzed data and conducted literature research

School for Field Studies, Boston University, Atenas, Costa Rica, January 2011 – May 2011

Student/Researcher

- Participated in a directed research project that utilized statistical and field research techniques
- Authored a 30 page research paper on the relationship between soil coverage and soil carbon sequestration on traditional and sustainable coffee plantations
- Collected field samples in order to determine if organic agroforestry systems are an appropriate strategy for reduction of emissions by deforestation and degradation

AWARDS AND SCHOLARSHIPS

Frederick S. Pardee Center Graduate Summer Fellowship, Boston University, Summer 2016 (\$6,000)
Boston University Biogeoscience Symposium Outstanding Elevator Pitch Award, Boston University, 2016
Dean's Fellowship, GRS Graduate Fellowship, Boston University, Spring 2015 (\$10,250)
The Lillian Berle Dare Prize for advanced study in Geography or a related field, Barnard College 2012 (\$500)
Dean's List, Barnard College 2009-2010
Hughes Science Pipeline Project, Barnard College 2010-2011 (\$3,000)

LEADERSHIP INVOLVEMENT

BU Biogeoscience, Boston, MA, September 2014 – Present

Committee member

- Career Development Workshop Series coordinator

Girl Science Club, Boston, MA, May 2015 – Present

Coordinator

- Plan and facilitate fun, hands on science activities for young girls at the West End Boys and Girls Club
- Mentor participants by conveying scientific concepts and encouraging a love for learning and science

SKILLS

Language: Fluent in Bulgarian, Full Professional Proficiency in Spanish

Computer: R, GIS, Matlab, Final Cut, light markup, Microsoft Suite

Interests: Hiking, gardening and reading

PRESENTATIONS AND PAPERS

Vasilaky, K., S. Martinez, **R. Stanimirova**, & D.E. Osgood (2016 in review) Informal Networks within Index Insurance: Randomizing Distance in Group Insurance. *Journal of Economic Behavior and Organization*

Stanimirova, R., H. Greatrex, R. Diro, G. McCarney, J. Sharoff, B. Mann, A.L. D'Agostino, M. Rogers-Martinez, S. Blakeley, C. Small, P. Ceccato, T. Dinku, & D.E. Osgood. *Using Satellites to Make Index Insurance Scalable: Final IRI Report to the International Labour Organization – Microinsurance Innovation Facility*. International Research Institute for Climate and Society (IRI), Columbia University, New York, USA 2013

Contributing Author: *Insurance Innovations for Development and Adaptation* (2013), U.S. Agency for International Development (USAID) and International Research Institute for Climate and Society (IRI), Columbia University, New York, USA

Stanimirova, R., J. Sun, B. Bostick, B. Mailloux, C. Mulvihill, A. van Geen, I. Mihajlov, K.M. Ahmed, I. Choudhury, M. Stute, & J. Magyar. *Organic Carbon Transport through Holocene and Pleistocene Sediment from Southeast Asia: Implications for Arsenic Mobilization*. Poster Presentation, American Geophysical Union (AGU), San Francisco, CA. December 2013

MEMBERSHIP

American Geophysical Union