

# RADOST K. STANIMIROVA

Boston, MA 02134  
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## EDUCATION

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**Boston University**, Boston, MA  
Ph.D. Geography, Expected May 2019  
**Advisor:** Dr. Mark Friedl

**Barnard College, Columbia University**, New York, NY  
Bachelor of Arts May 2012  
**Major:** Environmental Science    **Minor:** Anthropology

## TEACHING & RESEARCH EXPERIENCE

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**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

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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

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**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

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**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

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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. DAgostino, 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

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American Geophysical Union