

# Research

## Understanding and Forecasting Change in Our Natural World

November 7, 2018 | 4-6 PM | Barristers Hall

### Introductions:

Gloria Waters

Vice President and Associate Provost for Research

Michael Dietze

Associate Professor, Earth & Environment, CAS

### Research Presentations:

- **Solving the Challenge of Predicting Nature**  
*Michael Dietze, Associate Professor, Earth & Environment, CAS*
- **Forecasting the Earth Mycobiome**  
*Jennifer Bhatnagar, Assistant Professor, Biology, CAS*
- **Ecosystems in Flux: Changing Seasons in an Era of Climate Change**  
*Mark Friedl, Professor, Earth & Environment, CAS*
- **EcoForecast: A Scalable and Secure Cyberinfrastructure for the Repeatability of Ecological Research**  
*Abraham Matta, Professor, Computer Science, CAS*
- **Linking Climate Change to Zoonotic Pathways of Antimicrobial Resistance in Humans in Southwest Coastal Bangladesh**  
*Jean Maguire van Seventer, Clinical Associate Professor, Environmental Health, SPH*
- **Humans & Our Natural World**  
*Lucy R. Hutyra, Associate Professor, Earth & Environment, CAS*
- **Understanding Ecological Change Through the Lens of Physics**  
*Kirill Korolev, Assistant Professor, Physics, CAS*
- **Air Quality and Biosphere-Atmosphere Interactions**  
*Jeffrey Geddes, Assistant Professor, Earth & Environment, CAS*
- **Engineered Systems for Environmental Forecasting**  
*Joshua Semeter, Professor, Electrical and Computer Engineering*
- **A Focus on Indicators of Change and Response**  
*Anthony Janetos, Director of the Frederick S. Pardee Center for the Study of the Longer-Range Future and Professor and Chair, Earth and Environment, CAS*

*Thank you for your participation*



**Boston University** Office of the Vice President and Associate Provost for Research  
One Silber Way, 8th Floor, Boston, MA 02215  
617-353-2230 / [research@bu.edu](mailto:research@bu.edu)