27ᵀᴴ ANNUAL HARVARD FOREST ECOLOGY SYMPOSIUM PROGRAM

TUESDAY, 15 MARCH 2016   9:00 A.M. – 5:00 P.M.
FISHER MUSEUM, HARVARD FOREST

9:00 Welcome – Logistics & Goals for the Day

9:15 – 9:50 **New approaches for understanding New England's Carbon Metabolism**
1. Lucy Hutyra , Boston University
Accelerating the carbon cycle with urbanization and landscape fragmentation?

2. Matthew Duveneck, Harvard Forest
Simulating forest change in New England: an investment in parameterization

3. Audrey Barker Plotkin, Harvard Forest
Discerning carbon dynamics with permanent plots and experiments

4. Bill Munger, Harvard University SEAS
Thinking outside the footprint: putting carbon balances in a regional and temporal context

9:50 – 10:25 Discussion I.

10:25 Break

10:45 – 11:30 **New approaches for understanding Shifting Species and Communities**
1. Serita Frey, University of New Hampshire
Community shifts, evolution, and migration of microbial taxa in response to environmental change

2. Steve DeStefano, USGS & University of Massachusetts
Long-term forest-wildlife interactions in southern New England

3. Neil Pederson, Harvard Forest
Climatic vulnerability and ecological synchroneity of temperate, mesic forests

4. Dave Orwig, Harvard Forest
Linking plots to landscapes, hydrology, models, and towers

5. Wyatt Oswald, Emerson College
Paleoecological perspectives on the responses of species and communities to climate change

11:30 – 12:10 Discussion II.

12:15 Lunch

12:45 – 1:45 **Poster Session**

1:45 – 2:10	**New approaches for understanding <u>Human-Landscape Interactions</u>**

1. Emily Silver Huff, USFS
    Privately-owned forests and green spaces in New England

2. Marissa McBride, Harvard Forest
    The New England Landscape Futures project: challenging our thinking about the future

3. Jonathan Thompson, Harvard Forest
    The potential for land-use regime shifts in New England forests

2:10 – 2:45	Discussion III.
2:45	Break
3:15 – 4:00	**New approaches for bridging <u>Theory to Impact</u>**

1. Emery Boose, Harvard Forest
    Data provenance in R

2. Clarisse Hart, Harvard Forest
    HF outreach: building the next voice for LTER

3. Scott Ollinger, University of New Hampshire
    Biodiversity and ecosystem functioning in forests: closing the gap between theory and data

4. Kathy Fallon Lambert, Harvard Forest & Science Policy Exchange
    Stakeholder Engagement in Harvard Forest LTER Scenario Research

5. David Foster, Harvard Forest
    Wildlands & Woodlands. the benefits of broader impacts to LTER research and Harvard Forest's academic mission

4:00 – 4:40	Discussion IV.
4:40 – 5:00	Review & Wrap-up