MIT Environmental Research Forum

Presented by the Environmental Research Council (ERC)
Thursday, December 15, 2011, 9am to 5pm
Kirsch Auditorium, Stata Center (32–123)

Context: Commitment to Environment at MIT

9:00 to 9:15  Provost’s Welcome and Introduction to the ERC (L. Rafael Reif)
9:15 to 9:30  Process and Report of the ERC (Dara Entekhabi)

Building Strength on Strength: Research Themes

9:30 to 9:50  Climate (Ronald Prinn)
9:50 to 10:10 Oceans (John Marshall)
10:10 to 10:30 Water (James Wescoat)

Coffee Break

11:00 to 11:20  Ecological Resilience (Penny Chisholm)
11:20 to 11:40  Contamination Mitigation (Catherine Drennan)
11:40 to 12:00  Sustainable Societies (John Sterman)

MIT Creates: A New Approach to Environmental Engagement

12:00 to 12:10  Way Forward (Dara Entekhabi)
12:10 to 12:20  Collaboration with the MIT Energy Initiative (Ernest Moniz)
12:20 to 12:30  Partnership with the Woods Hole Oceanographic Institution (James Yoder)

Lunch

Research for Solutions: MIT Spotlights

1:30 to 1:40  Basic Research with Real-world Impact (Dara Entekhabi)
1:40 to 3:00  Spotlight Talks
Industry:
Synthetic Chemicals and Materials in the Environment: Do We Need a New Way to Design These Products? (Philip Gschwend)
Technology:
Clean Water Technology (John Lienhard)
Life Sciences:
The Human Body: Superhighway of Environmental Gene Flow (Eric Alm)
Social Policy:
Can Adaptation Save Us from Climate Change? (Michael Greenstone)

Coffee Break

Community and Communication

3:30 to 5:00  Open Panel Discussion (Reif, Moniz, Yoder, Prinn, Entekhabi)

Reception