

SNES 2000: Environmental Sciences Colloquium Fall 2012

Garbage and Waste Management

Friday afternoons – 12:20 – 1:10 PM – 135 Emerson Hall
Instructors: Susan Riha and Johannes Lehmann

Credit option: S/U, 1 credit (required for SNES SO/SR, credit optional for others)

The Environmental Sciences Colloquium is open to the entire Cornell community and the public.

Contemporary environmental issues pose complex challenges to societies that require multidisciplinary views and interdisciplinary approaches to their solution. SNES 2000 is a series of lectures on an annually changing theme central to the Environmental Sciences, which poses biophysical, economical and political challenges to modern society. Participants will become familiar with contemporary issues of environmental degradation and opportunities for their mitigation. The colloquium will provide a platform for discussion about current issues in the environmental sciences and introduce students to the complexity of information, views, and approaches.

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| August 24 | Introduction to the course: Organization, expectations, format |
| August 31 | Waste Reduction and Diversion at Cornell University - Building Collaborations
Spring Buck , <i>R5 Operations Department, Facilities Operations, Cornell University</i> |
| September 7 | Group Discussions: Spring Buck |
| September 14 | TerraCycle: Eliminating the idea of waste
Stephanie Tsang , <i>TerraCycle, Inc., NJ</i> |
| September 21 | Group Discussions: Stephanie Tsang |
| September 28 | Barbara Eckstrom , <i>Solid Waste Manager, Tompkins County Solid Waste Management Division.</i> |
| October 5 | Group Discussions: Barbara Eckstrom |
| October 12 | Energy generation from organic wastes
Lars Angenent , <i>Biological and Environmental Engineering, Cornell University</i> |
| October 19 | Group Discussions: Lars Angenent |
| October 26 | Solid waste management
Jean Bonhotal , <i>Cornell Waste Management Institute, Crop & Soil Science, Cornell University</i> |
| November 2 | Group Discussions: Jean Bonhotal |
| November 9 | Communication and institutional behavioral change
Lauren Chambliss , <i>Communications Director, David R. Atkinson Center for a Sustainable Future</i> |
| November 16 | Group Discussions: Lauren Chambliss |
| November 23 | Thanksgiving, no class |
| November 30 | Final discussions. Review and evaluation. |

For further information, contact 607.255.1269, or sw38@cornell.edu