Greetings from the Environmental Management II Instructors and Teaching Assistants:

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This week's lecture presentation from Harvard Hall is now online in streaming audio-video format with synchronized slides. Follow the links below to view the current lecture and assignments.

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W E E K 14

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GREEN CAMPUS

This week's lecture provides an overview of the Harvard Green Campus Initiative (HGCI). The speakers include Leith Sharp - Director, Dan Olsen - Loan Fund Coordinator, Jessica Wooliams - Longwood Green Campus Initiative Coordinator, and Rob Gogan - Harvard University Operations Services - Solid Waste and Recycling Director.

HARVARD GREEN CAMPUS INITIATIVE (HGCI) -- Speaker: Leith Sharp

Director - Harvard Green Campus Initiative

The HGCI vision is to establish an integrated commitment throughout Harvard by become a "learning organization" and a living laboratory in the pursuit of environmental sustainability. The approach is to engage and involve the Harvard community of faculty, students and administrators, working within Harvard's decentralized structure to enable local management involvement, develop understanding of sustainability, develop networks within and between faculties, and enable the community to institutionalize sustainable practices. A core component of the vision is to have Harvard faculty and researchers using the campus itself in their research work - investigating practices, methods, measurements and results of current operations, as well as applying new techniques, innovative design approaches and creative thinking to the way Harvard operates as a physical plant, teaching and research institution, employer and consumer. Ideally, the commitment to environmental sustainability will reach all arenas of campus decision-making, including building design, construction and renovation, transportation, purchasing practice, facilities maintenance and university community behavior. To realize this commitment, the HGCI is working to provide effective incentives, to remove institutional barriers, to build

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X-Sender: scienencenetwork@pop.ne.mediaone.net (Unverified)
X-Mailer: QUALCOMM Windows Eudora Pro Version 3.0.3 (32)
Date: Sat, 04 May 2002 23:21:53 -0400
To: nscie126@barkley.dce.harvard.edu
From: "Harvard Environmental Management Newsletter (List Server)"
<harvard_nscie127@sciencenetwork.com>
Subject: [nscie126] GREEN CAMPUS Week 14 Newsletter [ENVR E-102]
Sender: owner-nscie126@barkley.dce.harvard.edu

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Harvard Distance Education Program
Environmental Management II /ENVR E-102 (CRN 21783)
Spring 2002/ Wednesdays 7:35--9:30 pm / Harvard Hall 104
Professor Petros E. Koutrakis, Ph.D and John D. Spengler, Ph.D.

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Harvard Environment, 11:21 PM 5/4/02 -, [nscie126] GREEN CAMPUS Week 1

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partnerships and to design effective training programs and environmental information systems.

GREEN CAMPUS LOAN FUND -- Speaker: Dan Olsen
HGCI Loan Fund Coordinator

The Green Campus Loan Fund (GCLF) is a $3-5 million interest-free revolving loan fund designed to serve as an incentive for energy and water conservation projects at Harvard University. The GCLF is a program of the Harvard Green Campus Initiative (HGCI) and receives its funding from the University President and Provost. The mission of the Loan Fund is to leverage the economic incentive of interest-free financing to promote organizational decision making that seriously considers issues of environmental sustainability. To this end the GCLF Coordinator is also available to project managers to provide project development support, facilitate communication between networks of individuals interested in sustainability, and publicize project successes. Two core eligibility requirements must be met before a project will be considered for Loan Fund financing. 1. Projects must affect infrastructure or behavioral improvements that increase the University's stewardship of the environment. 2. Projects must have a payback period of five years or less. Some of the criteria used to evaluate projects include total greenhouse gas reductions, energy and water conservation impacts, and the degree to which a project demonstrates environmental leadership within the University. From the GCLF roll out date of January 2002 until today (May 1), the program's focus has been primarily marketing and relationship development based. Two projects totaling $800,000 have been approved for financing, and 6 projects are scheduled for review in May. When trying to predict the level of project management participation in the GCLF, staff are fortunate to be able to refer to a report authored by Harvard School of Public Health (HSPH) researchers that analyzes the trends, strengths and weaknesses of interest-free revolving loan fund incentive programs in the University setting. A program similar to the GCLF, named the Resource Conservation Inventive Program (RCIP), existed at Harvard between 1993 - 1997. Although the fund proved very successful in achieving significant environmental and financial benefits for the University, program participation declined dramatically after year one. Analysis by the HSPH researchers indicated that one of the main reasons for declining participation was a lack of knowledge regarding the most efficient way to identify and complete energy-efficiency projects. Building on this knowledge, the main challenge for the GCLF in years to come will be to empower facility management teams with the knowledge, resources, and enthusiasm needed to search out, evaluate, and complete energy and water conservation projects.

LONGWOOD GREEN CAMPUS INITIATIVE -- Speaker: Jessica Wooliams
Longwood Green Campus Initiative Coordinator

The Longwood Green Campus Initiative establishes a forum in which the three Longwood Schools; Harvard Medical School, Harvard School of Dental Medicine, and the Harvard School of Public Health can link operations and research in the context of sustainability.

SOLID WASTE and RECYCLING -- Speaker: Rob Gogan
Harvard University Operations Services - Solid Waste and Recycling Director

Slides depict Harvard University's trash and recycling generation rates. The first shows the Campus Refuse Profile for 2001. This lists tonnages of various materials either recovered for recycling or composting, or discarded by Harvard's Allston, Cambridge and Longwood Campuses in 2001.

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Video Lecture, Assignments, and Readings for Week 14
http://lab.dce.harvard.edu/extension/environment/week14em2_new.html

Weekly Feedback Assignment (All Students)
http://lab.dce.harvard.edu/extension/environment/distance-students/feedback-frameset.html

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Sign-Up for Proctored Final Examination (Distance Education Students)

Instructions for Proctored Final Examination (PDF)
http://lab.dce.harvard.edu/extension/environment/distance-students/proctor-exam-instructions.pdf

Instructions for Proctored Final Examination</b> (MS-Word)
http://lab.dce.harvard.edu/extension/environment/distance-students/proctor-exam-instructions.doc

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NEXT CLASS -- May 8, 2002

GRADUATE STUDENT PRESENTATIONS

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Key Links:
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Environmental Management II Course Website (Home Page)
<http://lab.dce.harvard.edu/extension/environment/em2.html>

General Help Information
<http://lab.dce.harvard.edu/extension/environment/HelpResources.html>

Personalized Help via Email from Teaching Assistant
<http://lab.dce.harvard.edu/extension/environment/E126ask-the-TA.html>

Help with Passwords
<http://lab.dce.harvard.edu/extension/environment/passwords.html>

Syllabus
<http://lab.dce.harvard.edu/extension/environment/syllabus2.pdf>

Current Week's Lecture
<http://lab.dce.harvard.edu/extension/environment/autoselect.html>
Upcoming Lectures (Video Index)
<http://lab.dce.harvard.edu/extension/environment/video-lectures-em2.html>

Environment News:
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THE HARVARD ENVIRONMENT NETWORK BULLETIN
A weekly calendar of environmental events for the greater Boston community
<http://environment.harvard.edu/lists/archives/hen%2Dl/index.html>

EPA GREENBYTES NEWSLETTER
<http://www.epa.gov/ne/ra/gb/index.html>

SEMINARS
A guide to environmental research, education and outreach at Harvard University
<http://environment.harvard.edu/envath/seminars.html>

CONFERENCES
<http://environment.harvard.edu/lists/archives/envconfs%2Dl/index.html>
An electronic mail discussion list for environmental event, conference, and publication opportunity announcements

JOB OPPORTUNITIES
An electronic mail discussion list for environmental job and educational opportunity announcements
<http://environment.harvard.edu/lists/archives/envjobs%2Dl/index.html>

Software for Viewing Lectures and Assignments:
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Internet Explorer (5.5):
<http://www.microsoft.com/windows/ie/>

Realplayer 8 (Basic):
<http://www.real.com/player/index.html>

Adobe Acrobat Reader:

Back Issues of the Course Newsletter
<http://lab.dce.harvard.edu/extension/environment/newsletter.html>

Password Access for Registered Students:
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Passwords are required to access streaming audio-video lecture presentations beginning with week 03.

Registered Harvard students of Environmental Management are authorized to view the materials during the current semester. After selecting the
appropriate video link, a popup window (see above) will prompt you to enter a user name and password.

For USER NAME, enter your Harvard University ID (HUID) number. It is typically an 8-digit number that begins with '001'. This number was assigned to you by the Registrar and appears on your registration confirmation. All students should have received this information by mail. (This letter has information about the computer accounts which are available to registered students.) If are a Harvard employee, please note that the HUID # is NOT the same as your employee number. It is also not the same as any Harvard PIN you might have, such as the one used for DCEWEB.

For PASSWORD, enter your last name (all lowercase letters). Only eight (8) characters are allowed, so if your name is longer (i.e. Washington), use only the first 8 letters (washington).

If you have not received, or cannot locate, your HUID you can contact the Registrar's office.

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Cambridge, MA 02138
(617) 495-4024

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Harvard Extension School Distance Education Program

COURSE NEWSLETTER FOR ENVR E-102 CRN-21783
Environmental Management II
Petros E. Koutrakis, Ph.D., and John D. Spengler, Ph.D.

Classes meet at Harvard Wednesdays 7:35pm-9:30pm
Harvard Hall 104 – Harvard Yard
Streaming Media Presentation online by the next Monday

Environmental Management I & II Web Sites
http://lab.dce.harvard.edu/environment/

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For video related problems only

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