

New England Higher Education Sustainability Summit 2010

Integrating Sustainability Across the Curriculum

Facilitator:

Kenneth Hill, Academic Dean,
College of the Atlantic

Panelists:

Peter Papesch, Chair of
Sustainability Education Committee,
Boston Society of Architects

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Center for Sustainability, Bridgewater
State College

David Levy, Chair, Department of
Management and Marketing and
Professor of Management, University
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College of the Atlantic

Sustainability Highlights

- In 2005, COA became the first campus to hold a zero waste graduation.
- In 2005, COA hired a director of sustainability to ensure a sustainable future in all our activities.
- In 2006, COA became the first college or university to become net-zero.
- In 2007, COA signed a three-year contract for 100% renewable electricity from the Worumbo Project hydropower plant on the Androscoggin River in Lisbon Falls, Maine.
- In 2007, COA was deemed the “greenest college” in the world by *Grist.com*. (Forbes, Kaplan, and The Princeton Review)
- In 2008, COA opened State-of-the-art Sustainable Student Housing (51 beds)
- In 2010 – DELTA Project: The built environment



CURRICULAR IMPACT

Nine New Chairs in the Past Ten years

- Sharpe-McNally Chair of Green and Socially Responsible Business
- Partridge Chair in Food and Sustainable Agriculture Systems
- W.H. Drury Professor of Ecology/ Natural History
- Rachel Carson Chair in Human Ecology
- Charles Eliot Professor of Ecological Planning, Policy and Design
- Steven K. Katona Chair in Marine Sciences
- James Russell Wiggins Chair in Government and Polity
- Allen Stone Chair in the Visual Arts
- David Rockefeller Family Chair in Management and Protection of Ecosystems



CAMPUS IMPACT

- New student housing
- New Campus Center
- New green media center
- Immersion in **living laboratory** approach



Heat

Lighting

Product Purchasing

Recycling

Food

Water

Landscaping

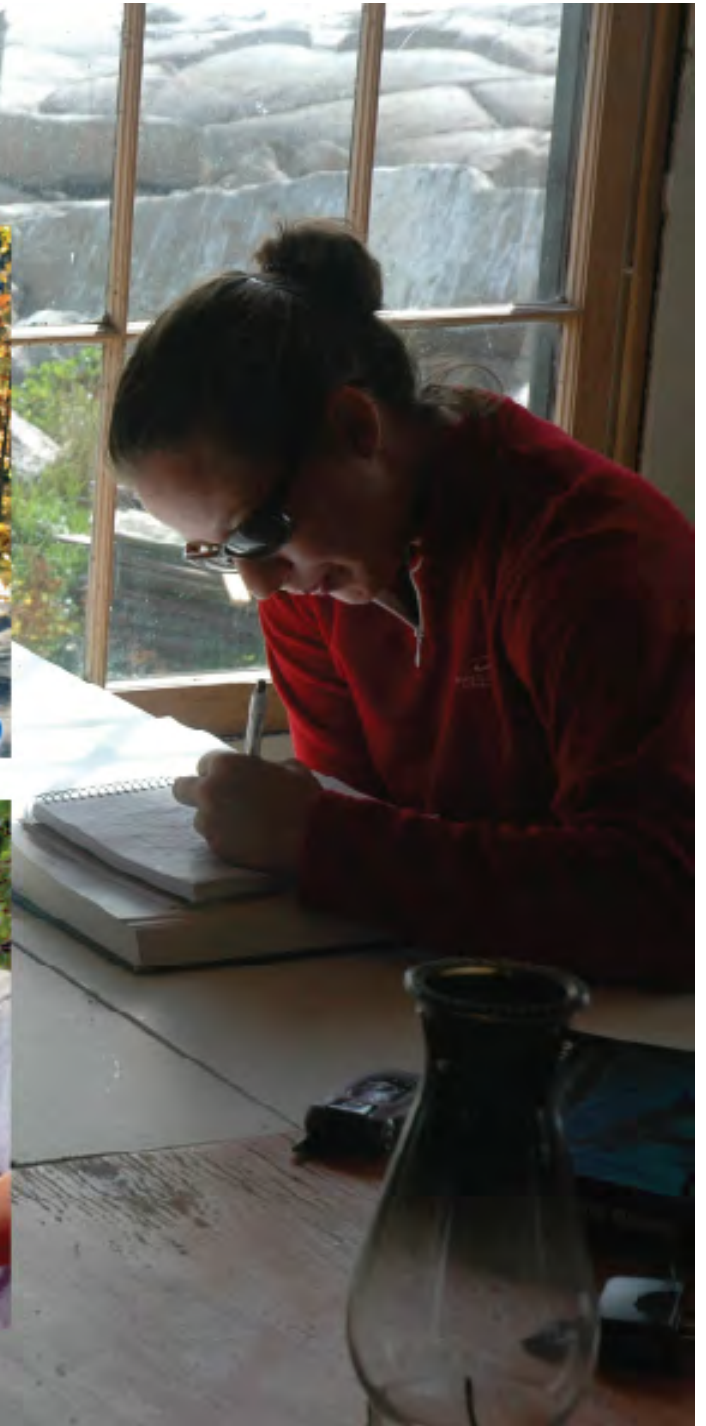
LOCAL IMPACT

- The Great Heath
- Eco/Eco
- Fishing Industry Legislation
- Maine's Bottle Bill
- Economic Impact
- Migratory Bird Studies
- Nutrition in local schools
- Green Light



LOCAL IMPACT

- Senior Projects like 2007 Elsie Fleming's '07 "Big Box Bill" have changed policy in Maine.
- MPhil '01 student Wing Goodale's research banned the use of certain toxins.
- Dominique Walk '09 found that lobster fisheries were not harming the right whale population.



GLOBAL IMPACT

- Twenty-three students and alumni attended the UN Climate Change Conference in Copenhagen December, 2009.
- Amy Weslowski '10 is working with **DATA SETS FROM CELL PHONES IN NAIROBI SLUMS** to understand urban migration and the dynamic of slums worldwide.



GLOBAL IMPACT

COA alumni are changing the world...

- Emily Troutman '01
- Greg Stone '82
- Anne Czechanski '06
- Yaniv Brandvain '04
- Three Watson Fellows last year

