

About the Center for Environmental Studies

*The mission of the
Center for Environmental Studies
is to:*

Prepare Brown students for lives and careers that demand a thorough understanding of human interactions with the natural and built environment

Contribute in major ways to the solution of significant environmental problems

Provide services to governmental and non-governmental organizations operating at all levels from local to global

Foster relations and encourage collaborative efforts between CES and other departments at Brown, between CES and other Universities, between CES and environmental agencies and organizations, nationally and internationally.

BROWN
UNIVERSITY

Center for Environmental Studies

Box 1943
Brown University
Providence, Rhode Island 02912
Phone: 863-3449

FACILITIES AND INITIATIVES

THE URBAN ENVIRONMENTAL LABORATORY
A 100 year-old carriage house, retrofitted with superinsulation, passive solar heating, and a solar greenhouse, integrates a community center and educational facility under one roof.

THE EARTH LAB (GEOGRAPHIC INFORMATION SYSTEMS)
The Environmental and Remote Technologies Lab is a dedicated GIS and Remote Sensing facility staffed by GIS expert Lynn Carlson.
<http://www.brown.edu/Research/Earthlab/>

ENVIRONMENTAL CHEMISTRY FACILITY
Led by David Murray, Ph.D. and his staff (www.brown.edu/evchem), processes and analyzes environmental samples.

ENVIRONMENTAL CHANGE INITIATIVE
An interdisciplinary research and education initiative, linking faculty and students from departments, programs, and centers.
<http://www.brown.edu/Research/ECI/research>

INITIATIVE IN SPATIAL STRUCTURES IN THE SOCIAL SCIENCES (S4)
Examines the impacts of spatial relations and contextual effects on social science issues.
<http://www.s4.brown.edu/>

POPULATION STUDIES AND TRAINING CENTER (PSTC)
A demography research and training center offering an outstanding interdisciplinary graduate training program in social demography, economic demography, anthropological demography, and population health.
<http://www.pstc.brown.edu/>

CENTER FOR ENVIRONMENTAL HEALTH AND TECHNOLOGY (CEHT)
Research and outreach including the Superfund Basic Research Program on land reuse and complex exposures <http://med.brown.edu/ceht/>

Center for Environmental Studies

UNDERGRADUATE PROGRAMS IN ENVIRONMENTAL STUDIES AND ENVIRONMENTAL SCIENCE



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<http://envstudies.brown.edu/>

THE UNDERGRADUATE PROGRAM IN ENVIRONMENTAL STUDIES AND ENVIRONMENTAL SCIENCE

The Center for Environmental Studies (CES) at Brown offers an AB degree and an ScB degree. The AB degree is appropriate for students who have a serious interest in social science and/or policy approaches to environmental problem solving and who are inclined to pursue post-graduate and/or professional experience in various aspects of environmental management or environmental education. The CES faculty considers fluency in some basic sciences to be essential to this degree. The ScB degree is appropriate for students who have a serious interest in pursuing post-graduate and/or professional experience in the natural or life sciences as a way of understanding environmental processes. Both degrees include introductory and team-based research courses, core requirements in science and policy, statistics competence, and both require students to plan a set of focus courses leading to a year-long senior thesis. Details are at:

envstudies.brown.edu/academics/index.html

Brown has some of the country's leading environmental experts across the humanities, natural sciences, public health and social sciences. The CES has a record of innovative interdisciplinary undergraduate education, actively promoting interaction between the CES and other environmental programs at Brown University and relevant contributions to the community.

<http://envstudies.brown.edu/>

THE FACULTY

Brown's faculty have strengths in the integration of science and public policy, with extensive experience in the areas of eco-system analysis, marine science and policy, forest ecology, global change, environmental justice, environmental law, international environmental policy, environmental health, land use change, remote sensing risk assessment and regulation. The CES faculty is augmented by an associated faculty, with strengths in biology, history, geology and sociology.

Phil Brown, PhD

Professor of Sociology and Env. Studies
Interim Director, Center for Env. Studies
Environmental causation of illness, health & social movements, environmental justice.

Chris Deacutis, PhD

Adjunct Assistant Professor
Invasive species and marine communities, GIS and remote sensing.

Steven Hamburg, PhD

Associate Professor, Env. Studies & Biology
Land-use history, mitigation policies in the public and private sector.

Timothy Herbert, PhD

Professor, Geological Science & Env. Studies
Ocean's role in climate change, global carbon cycle, ocean ecosystems, paleoclimate.

Caroline Karp, JD

Senior Lecturer in Environmental Studies
Coastal and marine watershed and resource management, water law, urban environmental law and policy.

Heather Leslie, PhD

Assistant Professor of Env. Studies and Biology
Eco and social processes linking people and marine ecosystems.

John R. Logan, PhD

Professor of Sociology & Environmental Studies
Director, Spatial Structures in Social Sciences
Land development process, including both political and market dimensions.

John Mustard, PhD

Professor of Geological Sciences & Env. Studies
Processes that modify solid surfaces and scales that control environmental processes on Earth.

Sriniketh Nagavarapu, PhD

Asst. Professor of Economics and Env. Stud.

Role of labor markets in environmental issues in developing countries.

Stephen Porder, PhD

Asst. Professor of Biology and Env. Studies
Ecosystem functions and human impact on ecosystem properties.

Don Pryor, PhD, Visiting Lecturer

Nutrient pollution, habitat restoration, and climate change.

Dianne Quigley, Adjunct Instructor

Ethical and participatory approaches for environmental research and problem-solving.

Jeremy Rich, PhD

Asst. Professor, Env. Studies (Research)
Microbes in environmental processes, emphasis on the nitrogen cycle.

Timmons Roberts, PhD

Professor of Sociology and Incoming Director, Center for Env. Studies
Globalization and the environment; climate change, foreign aid, and env. Justice.

Dov Sax, PhD

Asst. Professor, Biology and Env. Studies
Preventing species extinction; climate change and species invasions.

Johanna Schmitt, PhD

Professor, Biology & Env. Studies
Director, Environmental Change Initiative
Adaptive evolution of traits in natural plant populations facing climate change.

Kurt Teichert, MSc

Lecturer in Env. Studies and Manager of Environmental Stewardship Initiatives
Sustainable design and env. Stewardship; high performance educational facilities.

Harold Ward, PhD

Professor Emeritus, Environmental Studies
Former Director, Center for Env. Studies
Effective water supply policies in Rhode Island.

<http://envstudies.brown.edu/>