

Institute for Sustainable Development

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a t L o n g I s l a n d U n i v e r s i t y

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Wind Energy

SOUTHAMPTON COLLEGE is the host site of a 10kW wind turbine installed in May 2002. The turbine is co-sponsored by the U.S. Dept. of Energy, AWS Scientific, Inc. and the Long Island Power Authority. The electronics that monitor the turbine's performance have been installed in the Institute's Montauk 213A office. In addition to generating electricity, the turbine will provide students and faculty with data for research and educational projects, which the Institute will help coordinate. The installation will provide information on wind speed, wind direction, temperature, and energy output. The turbine is conservatively estimated to generate 13,200 kWh of electricity per year. The electricity will power offices and dorms in the Montauk quad.



PBS Video

A TELEVISION PRODUCTION COMPANY IS planning a 30 minute video on the Institute for Sustainable Development. The video will be filmed this fall as part of a new PBS series: Voices of Vision. The Institute's segment will air in the Spring 2004.

Solar Energy

THE INSTITUTE worked collaboratively with SUNY Farmingdale, LI Shines (a project of the Citizen's Advisory Panel), LIPA and Quad State Solar on a series of workshops and an April 26, 2002 conference promoting photovoltaics on Long Island. This work was funded by the U.S. Department of Energy. The Institute's Christina Hamm hosted two workshops at Southampton College and assisted Farmingdale faculty with workshops at Farmingdale. Christina worked closely with SUNY staff on the April conference as well. A wide range of panelists were invited

to talk about barriers to broader implementation of photovoltaics on Long Island, including builders, architects, pv manufacturers and installers, building inspectors, and electrical engineers. The conference involved over 100 building professionals and governmental officials. Two keynote addresses were given. Richard Kessel, President of LIPA, discussed LIPA's vision for expanding wind power and photovoltaics on Long Island. Gregory Kiss, a principal architect of Kiss + Cathcart, discussed a range of innovative projects his company has designed in recent years.



Smart Growth

CO-DIRECTORS DAVID SPRINTZEN AND SCOTT CARLIN have been working with the South Fork Progressive Coalition on smart growth initiatives for the communities of Southampton and East Hampton. Scott Carlin helped lead a successful workshop in Sag Harbor on the need for expanding affordable housing using smart growth planning tools. The workshop was attended by approximately 150 people. The Institute has also been working with Assemblyman Fred Thiele S'76 on proposed legislation to couple new financing mechanisms for affordable housing with smart growth planning tools for the five east end townships. Dr. Carlin also involved a class of students in affordable housing issues this spring. Dr. Sprintzen has been working with the Syosset Chamber of Commerce on smart growth planning, in which the Town of Oyster Bay has agreed to pursue a study of smart growth strategies for the hamlet.



On October 1, the Institute will co-host a conference on East End Land Use. Speakers include town supervisors, state legislators and local civic leaders. Nationally recognized smart-growth advocate and Pulitzer Prize winner Thomas Hylton will deliver the keynote address. Contact 631-287-8477 for more information.

Southampton College Greenprint Task Force

THE GREENPRINT TASK FORCE is comprised of faculty, students, and administrators. Institute co-director, Scott Carlin, and Institute project coordinator, Christina Hamm, are both members of the Task Force. This year the Task Force assisted Southampton College in hiring a recycling and energy conservation coordinator. The coordinator will audit energy consumption and solid waste production and make reduction recommendations. The coordinator will also educate the campus community about these important initiatives and the need for student involvement. Students will pay a new "green fee" that will

cover the coordinator's salary. The Greenprint also worked on the wind turbine and hosted an Earth Day fair, in which the Institute participated. Lastly, the Greenprint hosted an environmental conference on May 10th. At the conference, area environmental professionals provided feedback on potential areas of collaboration between the College and local organizations and agencies. Greenprint looks forward to working with campus leaders to bring more environmental content into Southampton's academic curriculum and ensuring that new buildings meet "green building" design standards.

Community Indicators

THE INSTITUTE completed its Glen Cove Community Indicator project in Fall 2000. Since that time the Institute has continued to promote the idea of indicators to regional officials. The Institute believes that Indicator projects are an important regional assessment tool for measuring quality of life and developing policy priorities that strengthen local and regional quality of life based upon quantitative assessments.

Environmental Education

THE INSTITUTE is developing a web resource for Suffolk County environmental educators. The web page, www.631enviroed.org will provide information on **a)** environmental programs provided by educational organizations and **b)** specific programs that individual teachers are using in the classroom. The goal is to make it easier for teachers to access information on environmental education in Suffolk County and thereby expand environmental education opportunities for students. The focus of this study is middle and high school programs. This project began in Spring 2002 and currently is focused on surveying teachers and program administrators. Educational materials will be available on the web in the fall.



More than 100 graduating seniors at Southampton College of Long Island University have signed a "Green Pledge" of social and environmental responsibility, promising to evaluate the broader consequences of any job they take after graduation.

Breast Cancer Mapping and Environmental Health

ON MAY 14, 2002, SCOTT CARLIN presented a series of breast cancer maps to the Fort Salonga community in Huntington/Smithtown. The purpose of the maps was to provide the Fort Salonga community with a visual understanding of breast cancer patterns in their community. A brief report summarizing the maps was also developed. The project was done in collaboration with the Huntington Breast Cancer Action Coalition (HBCAC), which has surveyed 23,000 women in Huntington Town over the last 10 years to assess the extent and causes of breast

cancer in their town. The mapping project has been very successful as an educational tool. The presentation was part of a week of programs sponsored by HBCAC's "Prevention is the Cure" (PITC) campaign.

Scott Carlin and two other PITC members made a presentation on "precautionary principle" values to the Director of the U.S. National Institute of Environmental Health Sciences (NIEHS), Dr. Kenneth Olden, as well as a range of other leading environmental organizations and NIEHS staff members. The institute is working with HBCAC to secure funding for the PITC campaign.

Staffing

DAVID SPRINTZEN, PROFESSOR OF PHILOSOPHY at C.W. Post, serves as co-director of the Institute. Dr. Sprintzen has been working on smart growth planning, indicator projects for Nassau County, and the PBS video project.

SCOTT CARLIN, ASSOCIATE PROFESSOR OF GEOGRAPHY AND ENVIRONMENTAL STUDIES at Southampton College, serves as co-director of the Institute. Dr. Carlin has been working on environmental health, smart growth planning, environmental education, and the College's Greenprint programs.

CHRISTINA HAMM joined the Institute fall 2001 as program coordinator. Christina is working part-time with the Institute while conducting research for her doctorate in Geography (Clark University). Christina has worked on a number of issues, but has focused much of her effort on energy related projects.

SARA GORDON AND DARREN JOHNSON are consultants to ISD's environmental education grant. Sara is responsible for administering the education surveys, while Darren is responsible for web page design and maintenance.

PAUL HUGHES is President of Environmental Services, Inc. in Virginia and serves as a senior research consultant with the Institute for Sustainable Development. Paul has consulted with the Institute on Brownfields, energy, and food security projects.

Food Security

THIS SPRING ISD's senior research associate, Paul Hughes, drafted a preliminary report on the need for a Long Island food security system. The report identified the concrete concerns expressed by existing food providers on the need for a more comprehensive food security system and some strategies for initiating such a program on Long Island.