

Sustainable Institutions Result

As of :

11/12/2005

	Institute	Country	Category	Mission/Value	Education	Outreach	Research Program/Project	Activity/Service	Resources	Note/Miscellaneous	Website
1	AIChE(American Institute of Chemical Engineers) Institution for Sustainability	USA [New York]	Societal, Economical, and Environmental of sustainable and green engineering	to promote the societal, economic and environmental benefits of sustainable and green engineering. IfS will serve the needs of--and influence the efforts of--engineers and scientists in industry, academia, and government.	Center for Social Stewardship and Education			CWRT's activity (e.g. Total cost assessment, Sustainable Manufacturing Roadmap)	Workshops, Topical conferences, Publications, Sustainable courses	3 centers (waste Reduction Technologies, Environmental Excellence, Social Stewardship and Education)	http://www.aiche.org/sustainability/
2	The Mascaro Sustainability Initiative	USA [University of Pittsburgh]	Green construction and sustainable water use	initiating and nurturing research and education in the research thrust areas of green construction and sustainable water use.	An undergraduate research program in sustainable engineering, opportunity to work with engineering graduate students and faculty conducting interdisciplinary research		High Performance HealthCare Facility Design and Construction, Development of Nano-bimetallic Catalysts for the Removal of Nitrates from Drinking Water by Coordinated Synthesis, Structure, and Selectivity/Activity Measurement etc		Green building conferences, SETAC North America Annual Meeting	Awarded in NSF's Integrative Graduate Education and Research Traineeship	http://www.engr.pitt.edu/msi/aboutus.html
3	Sustainable Institution	USA [Hartland, VT]	Help move human society toward sustainability	apply systems thinking and organizational learning to economic, environmental and social challenges.			Analyzing complex social, economic, and ecological systems for root causes of unsustainable behavior(e.g. Natural Resource Commodities, Climate change)	Workshops, Courses, Facilitated Strategy Sessions, Coaching & Consulting	Papers, Opinion Columns, Archieve, Books, Games& Models		http://www.sustainable.org/
4	Office of Sustainability Initiatives	USA [Arizona State University]	Academical	foster relationships and act as catalyst for the creation and development of the International Institute for Sustainability	Center for Environmental Studies (AgTrans, Urban Environmental Monitoring, Professional Certification in Sustainable Management)	Ecology Explores, Southwest Center for Education and the Natural Environment	Multi-disciplinary and interdisciplinary science, value-systemes that enhance communities and protect nature's functions, etc.			create International Institute for Sustainability	http://www.asu.edu/sustainability/overview.html
5	The Center for Sustainable research	USA [Penn State]	Sustainable technologies and practices	serves as a showcase fo recological technologies and sustainable living concepts as well as an outdoor classroom and laboratory accessible to students and the community			Powerlion Portable Powerstation, Winter Gardening, Advanced ecologically engineering systems	Tours, Workshops, Courses			http://www.engr.psu.edu/cfs/index.aspx?p=1
6	Department of Engineering Centre for Sustainable Development	United Kingdom [University of Cambridge]	Engineering for Sustainable development	focal point for research and teaching in engineering for sustainable development, seeking to address the pressing issues that face engineers in responding to the increasing demands being made in this area	Distinguished lecture series, Undergraduate teaching by yearly modules		Reconstruction in Afghanistan, Water and sanitation instructure, Engineering design for sustainable development, PhD researches, etc				http://www-g.eng.cam.ac.uk/sustdev/index.html
7	The Center for Energy Research	USA [UCSD]	energy research and education	foster research and educational activities devoted to critical energy needs	Graduate studies (Mechanical and Aerospace engineering, Electrical and computer engineering)	Fusion Educational program (e.g. Coalition for Plasma Science)	Fusion Energy & Applied plasma physics research (e.g. ARIES), Combustion research (e.g. reduced mechanisms for modeling Nox chemistry)		Report, publications		http://aries.ucsd.edu/PUBLIC/CER/

8	Stanford Institute for the Environment	USA [Stanford]	Environmental issues	brings together faculty, staff, and students from all seven schools and other institutes and centers at Stanford to conduct research, education and outreach to promote an environmentally sound and sustainable world.	Encourage innovative courses, Teach environmental problem solving, Develop interdisciplinary env. Course materials, etc	Bring key public and private leaders to Stanford, Sponsor topical lectures	Incubate innovative ideas about environmental solutions, provide seed funding for interdisciplinary research projects			has a Grant Program (the Environmental Interdisciplinary Initiatives Programs)	http://environment.stanford.edu/
9	Lab for Energy and Environment	USA [MIT]	Energy and Environmental Sustainability	to make significant innovative contributions to energy and environmental sustainability including the improvement for technologies, structures, and policies that will lead to cleaner, more effective, efficient, and equitable products and processes.	enhancing the environmental literacy and deepening multidisciplinary environmental knowledge, particularly among the leaders of tomorrow's science and technology communities.		Focus areas: Technology systems, Social systems, and Impacts on natural systems (e.g. Center for Advanced Nuclear Energy Systemes, Global System for Sustainable Development, Material Systems Lab)	Participate in National Environmental Education Conference, compiled the on-line proceedings for the American Chemical Society Symposium on the Chemistry of Global Climate Change.	publications, newsletter, periodicals		http://fee.mit.edu/metadot/index.pl
10	Alliance for Global Sustainability	International	Science and Technology	to affect a paradigm shift in structures and policies and provide a solid foundation for sustainable development thought	Educate future leaders by offers a robust link between world-class scientific and technological research, etc	provide research results of relevance for decision makers in industry and government and for stakeholders throughout the world	Improving scientific understanding of global environmental challenges, Development of technology and policy tools to help societies reconcile ecological and economic concerns		books		http://globalsustainability.org/
11	Center for Sustainable Systems	USA [University of Michigan]	Sustainable research and education	advance concept of sustainability through research and education, collaborate with diverse stakeholders to develop and apply life cycle based models and sustainability metrics for systems that meet societal needs, etc	Graduate, Undergraduate, Internships Industrial Ecology Certificate	Publications, Fact sheets (e.g. waste water treatment), Events, and Press	Accomplishment brochure is available. Research highlights are: building, agriculture, transportation, renewable energy, and packing	Teaching resources developed by the former National Pollution Prevention Center and the Center for Sustainable Systems			http://css.snrre.umich.edu/
12	Green Building Research Center	USA [UC Berkeley]	Green building	to advance the University's educational mission in green building design, to identify and advance opportunities for green building design and operation on campus, to improve the whole field of green building, etc	courses		Green map project, Building environmental assessment rating system, Occupant satisfaction survey of UC buildings				http://greenbuildings.berkeley.edu/
13	Sustainable Ecosystems Institute	USA [Oregon]	Ecology	works to sustain natural communities and the human communities which depends on them using science-based, cooperative solutions		volunteer to communities	Marine ecosystems, Forest Ecosystems, Endangered species, Habitat conservation plans, Science and policy (e.g. Missouri river pallid sturgeon)	Scientific research, Training for Scientists, Scientific advising, Peer review and scientific involvement	Journal articles, Newsletters, Books, Reports and Technical bulletins		http://www.sei.org/index.html
14	Better Bricks	USA	Green building	to raise awareness and demand for energy efficiency by sharing information and resources with the people who design, own and operate them			High performance office buildings	Lab network, Education and Training programs, Advisor network, Hospital Specialists, and Patners and Resources		Northwest energy efficiency alliance	http://www.betterbricks.com/default.aspx?pid=betterbricks
15	Green Engineer	USA [Massachusetts]	Sustainable design consulting firm	offer solutions to help you design and build with improved energy efficiency and reduced impact on the environment			Example of projects: Washington Mills, Lawrence, Massachusetts, Massachusetts Port Authority	Energy modeling, LEED Certification project management, etc	shopping list of green ideas, ways to make your home green		http://www.greengineer.com/

16	USC Center for Sustainable cities	USA [USC]	Research and education	engages in multidisciplinary research and education on the environmental, social and economic sustainability challenges facing metropolitan regions, and contributes to the development of public policy that improves the natural and human environment of cities.	Sustainable Cities Doctoral Certificate programs, mounts international summer programs for students (France, Mexico, East Asia), and Summer undergraduate fellow program	Policy outreach efforts to bring results of center research and practical insights of graduate students and faculty directly to those who can utilize them	Public health & metropolitan growth, Urban habitat conservation, watershed health and open space planning, and Industrial ecology and life-cycle analysis				http://www.usc.edu/dept/geography/ESPE/aboutus.html
17	American Academy of Environmental Engineers	USA [MD]	Environmental Engineers	dedicated to excellence in the practice of environmental engineering to ensure the public health, safety, and welfare to enable humankind to coexist in harmony with nature		publish "environmental engineering selection guide" and "who's who in environmental engineering" to the public who seeks the environmental engineering service.		Ensures that appropriate examinations for the engineers discipline, etc.	Online publication, Magazines	offers Speciality Certification Benefits	http://www.aeee.net/newlook/newtechnology.htm
18	Center for Sustainable Urban Regeneration	Japan [University of Tokyo]	Sustainable research and education	to create an integrated approach and knowledge for sustainable urban regeneration based on a global network of researchers and professionals, and to coordinate the international research alliance that consists of leading academic institutions worldwide			Environment management, Urban stock management, Social information management, Comprehensive comparative studies on urban regions, research and development of solutions for strategic issues for sustainable urban regeneration		workshop papers, reports [action studies], student studios, magazine SUR, websites.		http://csur.t.u-tokyo.ac.jp/index.html
19	University Leaders for a Sustainable Future	USA [Washington DC]	academic association for upper education	assists colleges and universities in making sustainability an integral part of curriculum, research, operations, and outreach.			Global Higher education for sustainability resource project to provide regionally relevant resources, tools, and change strategies. Talloires declaration, first official statement for the commitment to environmental sustainability in higher education.	information provided without charges on the website, membership services, and consulting services.	articles, chapters, journals, reports, and event. This website has great resources for interesting topics and events.	ULSF also serves as the Secretariat for signatories of the Talloires Declaration, a ten-point action plan for incorporating sustainability and environmental literacy.	http://www.ulsf.org/index.html
20	Center for Sustainability Engineering Education	USA [Carnegie Mellon University]		To benchmark sustainability courses and curricula in engineering departments in US. To disseminate information on engineering sustainability for use at institutions of higher learning around the world.		Media Boot Camp (designed to help faculty and researchers on the needs of science and the environment journalists) Environmental Journalists Conference	survey engineering departments to provide factual data on certificate and degree programs in sustainability and courses.	Earth Week Celebration (showcase of hybrid car, panel discussion, dinner etc), workshops		This institution is within the Steinbrenner Institute for Environmental Education and Research in CMU.	http://www.cmu.edu/environment/news-seer.pdf