



SGA'S SUSTAINABILITY COMMITTEE MAKES IT'S PAPER DEBUT! WELL, ONLINE AT LEAST.

SGA's Sustainability Committee is thrilled to be starting a monthly newsletter for the 2012-2013 school year. Each month during the Fall 2012 and Spring 2013 semesters, we will feature short articles on sustainable initiatives and promote upcoming events on and off Georgia Tech's campus. We hope to facilitate interaction between students, faculty, and staff through this newsletter. Please Enjoy!



ABOUT US

The purpose of the committee is to promote current sustainability movements at GT by engaging students, faculty, researchers, operations and staff. The committee will also present the current status of sustainability movements to these groups of people.



Hear GT Sustainability Director, Marcia Kinstler, speak and come learn about the student-lead environmental groups on campus. Food provided by Fresh Market!

Tuesday 11/13, 5:30-7 Clary Theatre, Bill Moore Student Success Center

ORGANIZATIONS ON CAMPUS



Students Organizing for Sustainability (SOS)

SOS promotes sustainability in our community and on campus. Previous projects include Starter Bikes and the Wasted Watts competition. SOS now focuses on the community garden and recycling efforts with GT Facilities.

Upcoming Event: The Fall Harvest Festival is on Friday, October 26 at the community garden on the IC lawn.

Website: sos.gatech.edu

Contact: Georgia Wang, gawang@gatech.edu



Engineers Without Borders (EWB)

Engineers Without Borders connects GT students to implement sustainable engineering projects worldwide. Previous projects included improving water supplies by drilling wells and integrating solar power systems in Cameroon (above) and Uganda, in addition to other infrastructure and education related projects.

Website: <http://cwb-gt.org>

Contact: Lily Ponitz, lponitz3@gatech.edu



Trailblazers

Trailblazers combines environmental service and outdoor recreation. This fall break, one of their trips was to Pisgah National Forest in Tennessee and North Carolina (above). They built water-bars on trails to prevent erosion, trimmed brush off trails, and painted a Forest Service building. They also hiked a few peaks and camped above 6000 feet.

Website: <http://georgiatechtrailblazers.com/>

Contact: Russell Conine, russconine@hotmail.com



GT Tree Campus USA Advisory Committee

Tree Campus USA Committee consists of students, staff and faculty members of the community surrounding Georgia Tech. They discuss issues with the Georgia Tech Tree Care plan, tree inventory programs, tree planting projects, etc. GT had Tree Campus USA recognition for 4 consecutive years, and facilities planted 50 trees per year.

Website: www.arboday.org/programs/treecampususa/

Contact: Hyacinth Ide, hyacinth.ide@facilities.gatech.edu

SUSTAINABILITY RELATED RESEARCH



Arkfab

Arkfab is building grassroots capacity for vertical farming in Atlanta. This integrated living system (above) produces mushrooms, salad greens, and fish. By sequestering carbon in soil, this project creates a net carbon sink. This project also addresses food security in Atlanta. Arkfab is seeking Georgia Tech students for volunteer opportunities. Please contact if you are interested.

Website: arkfab.gatech.edu/content/design-concepts

Contact: Jeannette Yen jeannette.yen@biology.gatech.edu



Strategic Energy Initiative (SEI)

SEI's objective is to realize a living smart grid laboratory to realize economic savings and sustainability objectives for Georgia Tech. Core concepts of the grid include, among others: self-sustaining electricity infrastructure, intelligent distribution and microgrid system, and onsite electricity production.

Website: www.energy.gatech.edu

Contact: Tim Lieuwen tim.lieuwen@aerospace.gatech.edu



Stephanie Didas, a PhD candidate, prepares a system for measuring adsorption isotherms of different carbon dioxide capture materials

Capturing Carbon Dioxide Directly From Air

Drs. Chris Jones and David Sholl projected that new adsorbent materials can extract carbon dioxide directly from the air. They project that a unit the size of an ocean shipping container can operate with the costs of \$100 per ton of carbon dioxide. Their research is funded by the Department of Energy.

Website: www.gatech.edu/newsroom/release.html?nid=142421

Contact: David Sholl, david.sholl@chbe.gatech.edu

Interested in helping or joining our mailing list? Contact:

Mary Shoemaker

mshoemaker8@gatech.edu

Check out the October edition of



Recycling Buzz!



Brian Stone, author of The City and the Coming Climate

School of City and Regional Planning

Upcoming Event: The School of City and Regional Planning will be hosting a book lecture on **November 7, 2012 at the Architecture East Building, Reinsch-Pierce Family Auditorium, Room 123:** The City and the Coming Climate. Student Planning Association is currently working with Pittsburgh to promote sustainable development.

Website: <http://www.planning.gatech.edu/event/book-lecture-city-and-coming-climate>

Contact: Kyle James, kjames.in@gmail.com