

Engineers for a Sustainable World

2014 NATIONAL CONFERENCE



INNOVATION AND THE ENVIRONMENT



IN PARTNERSHIP WITH



APRIL 10-13, 2014

NORTHWESTERN UNIVERSITY

Dear Friends and Future Partners:

Engineers for a Sustainable World (ESW) brings people together to find lasting solutions to our sustainability challenges, and educate the next generation of technical professionals to improve all sectors of our world. The annual ESW Conference is the highlight of the ESW community, and we invite you to be part of it. For the 2014 Conference, we're excited to partner with ESW-Northwestern and their annual NU Summit on Sustainability. Pairing these events brings a stronger set of speakers, a larger community, and showcases the exceptional impacts ESW-NU has created in their 10 years of existence.

Conferences let students from across the country meet one another, expose the community to exceptional thinkers and doers in sustainability, and provoke new questions. Conferences showcase the results of national project and education initiatives, and recognize exceptional individuals, chapters, and projects. Conferences develop new skills and bring students and professionals into contact with companies and organizations that value those skills and interest in sustainability.

You can be a part of this event. We invite your employees to attend as professional members, and we invite your company to join us as an event sponsor. Your support helps us keep costs low to allow more students to attend, and provides you with access to some of the brightest and most passionate engineering students in the country through both networking events and the opportunity to co-create workshops and other sessions.

We invite you to browse this brochure for more information. When you're convinced that you should join us, or if you have questions, please contact us for more information. I would like to thank you in advance for your support of sustainability within technical careers, and look forward to meeting you in Evanston!

Sincerely,

ALEXANDER DALE, PHD
ENGINEERS FOR A SUSTAINABLE WORLD
EXECUTIVE DIRECTOR
ATDALE@ESWUSA.ORG



ESW-NU Welcomes You!

ESW at Northwestern University is pleased to host the 2014 National Conference. As a premier university doing research on sustainability and located in the hub of innovation that is Chicagoland, this is a great space to discuss ways to innovate towards a more sustainable world.



Why Innovation?

One of ESW's core values states that innovation doesn't always mean new technologies. Innovation can also be found in new applications of old or locally appropriate technologies, new ways of doing things, or new values systems that cause a shift in culture. With the pressing sustainability crises of climate change, a lower-growth economy, and decreasing resource availability, innovation is key to shifting the world we've got and growing the world we want.



Engineers for a Sustainable World is an international network of technically-minded people working to improve the sustainability of local communities. With 33 student and professional chapters, ESW uses technical design projects and educational initiatives to build a community with the next generation of technical sustainability leaders.

ESW-NU was founded in 2002 and has done projects in a wide variety of areas both locally and internationally. Past efforts have included a tiny house, work in Chile, Panama, and Costa Rica, and outreach efforts throughout the Evanston area.

The **NU Summit on Sustainability** (NUSOS) is an annual conference that brings together members of the Northwestern community, business leaders, and individuals from the Chicagoland area to learn about and discuss a sustainability topic.

Conference Highlights

NUSOS will open the conference on Friday and feature four highlighted speakers and six panels on topics including materials science, agriculture and vertical farming, economics, and culture. The day will finish with a keynote and reception for attendees to discuss ideas with speakers.

Workshops expose attendees to new technical and leadership skills - such as project management or passive solar design - in an interactive setting. Saturday will feature several workshop sessions aimed at both students and young professionals.



The WPSE Initiative - Wicked Problems in Sustainable Engineering - is a multi-university approach to exposing technical students to complex real-world problems such as the roots of air pollution or zero-waste cities. Teams from the pilot year will present their projects, and faculty participating in the Fall 2014 session will meet to select the topic.

Professional Networking - Saturday afternoon will include a corporate networking event for job-seekers and sponsoring companies to meet each other. In addition, professionals and faculty will have a separate social hour Friday evening away from the hubbub of student life.



The Inter-Chapter Challenge will require chapters to design and build a non-fossil based boat for competition in several challenges, in addition to scoring by judges on the use of sustainable materials and approaches. Awards for the ICC also come with cash rewards, and the competition was a highlight of the 2012 Conference.

The Awards Banquet Saturday evening will feature our conference keynote speaker, and is a chance to recognize accomplishments of the last year. Awards will be presented to outstanding projects, members, the ICC winners, and more. Each type of award comes with a cash reward and is sponsorable at the Gold or Platinum levels.



Sponsorship

Your support will help us to provide an exceptional conference for students and professionals alike. For information on the conference, visit nusos.org or contact Jason Smullen at jasonsmullen2015@u.northwestern.edu. For more information on sponsorship, contact Jordan Crollly at jcrollly@eswusa.org or by phone at (570) 262-9767. Thank you for your interest in working with us to build a better future!

Platinum Sponsor | \$5,000+

- Five conference passes + Table at networking session
- Introduction with ESW-USA Executive Director
- Opportunity to provide keynote speaker (subject to approval)
- Opportunity to sponsor member or chapter award during banquet
- Opportunity to provide skills or product workshop (subject to approval)
- Materials in swag bags
- Logo prominent throughout the conference + website

Gold Sponsor | \$2,500+

- Three conference passes + Table at networking session
- Opportunity to sponsor member or chapter award during banquet
- Opportunity to provide skills or product workshop (subject to approval)
- Materials in swag bags
- Logo prominent throughout the conference + website

Silver Sponsor | \$1,000+

- Two conference passes + Table at networking session
- Materials in swag bags
- Logo throughout the conference + website

Bronze Sponsor | \$500+

- One conference pass + Table at networking session
- Logo throughout the conference + website

Support the Conference



Engineers for a Sustainable World

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