NHERI Council Monthly Meeting No. 6, Y-8 Dec 7, 2023 2:00 – 3:00 PM, Eastern (11:00 to Noon, Pacific)

NHERI Council Meetings

Title: NHERI Council - Fall 2023

Location: https://DesignSafe-ci.zoom.us/j/99141202473

When: December 7, 2:00 to 3:00 PM Eastern

Attending:

• Oregon State University: Dan Cox (EF Dir.) and Pedro Lomonaco (Fac. Dir.) Hinsdale

- University of California, Berkeley: Matt DeJong (Co-Dir.), and Matt Schoettler (Assoc. Dir. Ops), Stanford University: Greg Deierlein (Co-Dir), SimCenter
- University of California, Davis: Jason DeJong (EF Dir) and Dan Wilson (Assoc. Dir.) CGM
- University of California, San Diego: Joel Conte (EF Dir.,) LHPOST
- University of Colorado Boulder: Lori Peek (Dir., CONVERGE)
- University of Florida: Jennifer Bridge (EF Dir. and Council Chair) Powell Lab
- University of Texas at Austin: Ellen Rathje (CI Dir.) and Tim Cockerill (Dep. Proj. Dir.) DesignSafe-CI)
- University of Texas at Austin: Ken Stokoe (EF Dir.), Tricia Clayton (CoPi), and Sungmoon Hwang (syongmoon@utexas.edu) (Operations Manager) Texas Mobile Equipment Facility
- University of Washington: Joe Wartman (EF Dir. and Council Vice-Chair) and Jeff Berman (CoPI and Fac. Manager) RAPID
- National Science Foundation: Joy Pauschke (Prog. Dir, NHERI)
- Purdue University: Julio Ramirez (NCO Dir., Council Secretary), JoAnn Browning (NCO ECO Leader), and Dan Zehner (NCO Sch./Ops. Coord.)
- Florida International University: Arindam Chowdhury (EF Dir.), Ioannis Sizis (CoPI) and Steve Diaz (Site Operations Manager) WOW
- Lehigh University: Jim Ricles (EF Dir.), Liang Cao (<u>lic418@lehigh.edu</u>), Joe Saunders, (Facility Manager)
- Guests: Cheryl Ann Blain, NCO Communications Lead, Marti LaChance, NCO Media Communications Manager, and Andrew Kennedy University of Notre Dame.

Minutes

1. Attendance and introductions (All, 5 min)



In addition, Cheryl Ann Blain (NCO-Communications Lead) and Steve Diaz (FIU) joined by phone.

Joy made a few remarks related to NSF and reminded the PIs that is very important to put their publications from the award in NSFs Public Access Repository (PAR).

Action Item: Joe will contact Jared Kosters and Norah Schneider from Nexight Group to join the February Council meeting and ask Jared and Norah if we could record their remarks.

2. (3 min) Review and Approval of Minutes of 11/02/23 Meeting No. 5 in Y-8 (Joe Wartman.) Minutes were approved as distributed. Lori moved and Greg seconded the motion to approve the minutes.

Approved Minutes posted at: https://www.designsafe-ci.org/facilities/nco/governance/nheri-council/

- 3. (45 min) Old Business
 - a. Post Summit Activities
 - i. Update Summit 2024 May 14-15, 2024 College Park, MD (Dan Cox, Jennifer Bridge, and Julio Ramirez, 5 min)

Nexight will participate at the Summit. It will be represented by Norah and would provide a presentation on the finding of the final report of the Decadal Study.

ii. Suggestions for possible Lightning Talks on Day (Dan Cox, 5 min)

Action Item for the Council: please submit nominations for lightning talks, include both early career and established researchers.

b. NHERI presence at conferences and professional meetings from Oct 1., 2023 to Sept. 30th, 2024. (Joe Wartman, Julio, Dan Zehner, 5 min)

Dan Z. updated the Council on the presence of the NHERI Booth at the AGU from Dec. 11 to 15.

c. Update on NCO Communications and Outreach Activities (Marti LaChance, 15 minutes)

Marti provided an update on the NHERI-wide outreach activities. Her update slides are attached to these Minutes.

d. Update on NHERI Impact Collection in Frontiers (Cheryl Ann Blain, 5 min)

We have received abstracts from 7 NHERI components, but are missing contributions from RAPID, UC San Diego, UT Mobile Shakers, Lehigh and OSU. If these components want to participate, pleas eturn in an abstract by Monday Dec. 18. After that date we will open up submission from other entities such as EER groups and others.

e. NHERI Special Collection in ASCE Journals (Andrew Kennedy, 10 min)

Andrew shared an update that ASCE Journals was opening the door to put together collections from multiple journals. Update slides are attached.

Action Item: the Council will add this item for the agenda at a future meeting.

4. New Business

a. Proposed schedule of Council Meetings in January - June 2024: January 11, February 8, March 7, April 4, May 2, and June 6. (2 min)

Council accepted the dates with all 1-hr meetings starting at 2:00 PM Eastern. Separate calendar invitations will be issued for each meeting.

5. Adjourn

Julio moved and Lori seconded the motion to adjourn. Meeting adjourned at 3:00 PM Eastern.





Communications Updates and Ideas for Promoting NHERI

Marti LaChance
Communications Manager
Dec 7, 2023

NHERI Community Emails

- About 7,500 subscribers
- Lists: NHERI Newsletter, Announcements,
 News Briefs, Webinars, and Jobs
- Stats:
 - About 10 emails per month
 - Open rate average = 30%
 - Email "call to action" click rate = 2%
- Vital resource for NHERI workshops and webinars





NHERI News Update

- The NHERI newsroom: running list of news, features, events, and announcements
- NHERI news releases go to publications (ENR, Popular Mechanics, ASCE Smartbrief)
- The DesignSafe Radio podcast, on DesignSafe, podcast apps, and YouTube
- All shared via email and social media





NHERI LATEST NEWS

NHERI Network at the AGU Fall Meeting in San Francisco posted 12-04-23

Stop by AGU booth #206 to meet NHERI faculty and staff and learn about NHERI facilities suitable for coastal and geotechnical research - and all fields that touch on natural hazards, such as social sciences and public health.



Explore DesignSafe's Enhanced OpenSees Resources

posted 12-04-23

OpenSees developer Silvia Mazzoni has joined the DesignSafe team to optimize a version of the full suit of OpenSees tools for integration directly into the DesignSafe website.



Early-Career Researcher Alia Amer Is All About Resilience in Large-Scale Structures, and in the Engineering Profession posted 11-27-23

Postdoctoral researcher Alia Amer shares in her own words the path she took to the NHERI community from Cairo, Egypt, to Lehigh University. Now a vital contributor to the NHERI Tallwood project, Alia reflects on her exciting career so far and gives advice for future hazards engineers.

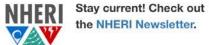


NHERI Science Plan: A Guide for Future Research in Natural **Hazards Engineering**

posted 11-08-23

The Network Coordination Office (NCO) has released the much anticipated third edition of the NHERI Science Plan to help guide noticed becards recognishers with best practices and tackling the





More News

- NHERI in the Media
- News Releases
- DesignSafe Radio

Connect









NHERI DESIGNSAFE RADIO PODCAST

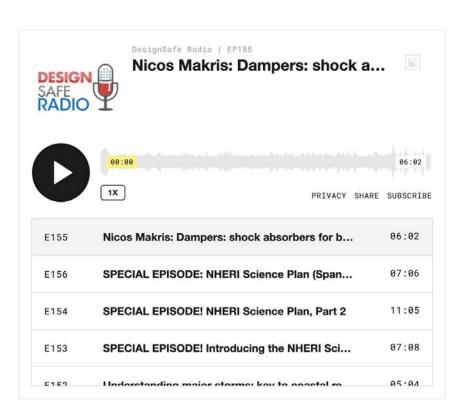
ENGINEERS VERSUS NATURAL HAZARDS

Weve all experienced natural hazards: earthquakes, hurricanes, tornadoes, tsunamis, and floods. They hit us hard where we live and work. Engineers and social scientists in the NHERI network work to prevent natural hazards from becoming national disasters. From the NSF-funded Natural Hazards Engineering Research Infrastructure: This is DesignSafe Radio!











Listen and Subscribe On:







NHERI Social Media Update

- X (Twitter): 2,380 followers (9K impressions/mo)
- Facebook: 1,000 followers
- NHERI DesignSafe YouTube: 1,400 subscribers
- LinkedIn: 1,780 followers (3%-8% engagement/mo)





NHERI-affiliated social media accounts

Listed on the DesignSafe site

NHERI DesignSafe-CI	Facebook Twitter Instagram YouTube LinkedIn
DesignSafe Radio	Facebook Twitter Apple Podcasts Spotify Stitcher
NHERI Education and Community Outreach (ECO)	Facebook Twitter Instagram
NHERI User Forum	Twitter
NHERI Graduate Student Council	Facebook Twitter Instagram LinkedIn
Florida International University Wall of Wind	Facebook
Lehigh University Advanced Technology for Large Structureal Systems (ATLSS) Research Center	Facebook Twitter
Oregon State University OH Hinsdale Wave Research Laboratory	Twitter
University of California Berkeley NHERI SimCenter	Facebook Twitter YouTube LinkedIn
University of California Davis Center for Geotechnical Modeling	Facebook
University of California San Diego Large High Performance Outdoor Shake Table (LHPOST)	Facebook Twitter YouTube
University of Colorado-Boulder CONVERGE	Twitter LinkedIn Instagram YouTube
University of Florida Powell Family Structures and Materials Laboratory	Twitter
University of Texas at Austin Large Scale Mobile Shakers	Facebook Twitter
University of Washington Rapid Response Research Facility (RAPID)	Facebook Twitter

NHERI Campaigns Update: Lehigh EF

- Coverage of rolling pendulum research
- 2023 REU story
- "Diverse Paths to Engineering" profile
- Lehigh user Nicos Makris on DesignSafe Radio
- Early-career researcher Alia Amer on DSR
- Next up: UC Davis





How to Promote NHERI: Communications Ideas





"Always be advertising"







ABA Basics: Promote NHERI and NSF in your —

- Papers, talks, events, job posts
- Facility signage
- Professional networks
- NHERI EF website
- Email signature, using the EF logo
- University communications office
- Reports to NCO liaisons





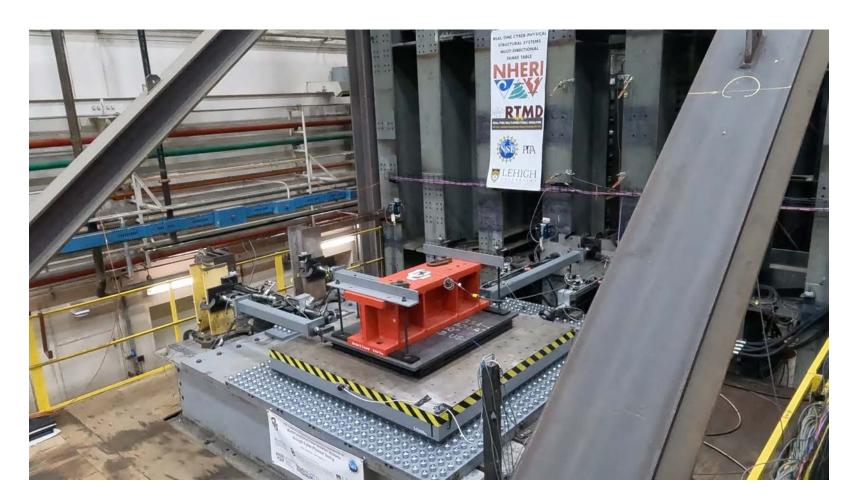
ABA Pro tips

- Develop an EF-centric marketing tactic
- Select one social media application and learn to use it well
- Assemble a library of video clips describing your EF





Media coverage? Video is key.







A communications opportunity

Join the NHERI User Forum Communications committee





Thanks!

Marti LaChance

lachance@purdue.edu

765-918-6517







National Science Foundation

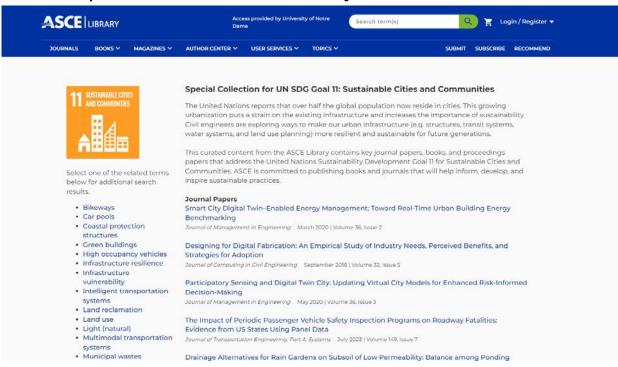
The NHERI Network Coordination Office is supported by the National Science Foundation award CMMI Award #2129782. Any statements in this material are those of the presenter(s) and do not necessarily reflect the views of the National Science Foundation.

Special Collections of NHERI Research in ASCE Journals

Andrew Kennedy
University of Notre Dame
December 7, 2023

NHERI Special Collection across ASCE Journals

- ASCE has Special Collections: groups similar papers across issues: both existing and future
 - Even Special Collections across journals now: UN Sustainable Development



NHERI Special Collection across ASCE Journals

- At ASCE Editors' Workshop in November, we opened the possibility of a NHERI Special Collection across multiple ASCE journals
- An Open Access NHERI Special Collection could provide a one-stop shop for much NHERI research – find everything in one click
- "NHERI" Keyword search: 72 results across ASCE journals
 - · Journal of Structural Engineering; 34
 - Journal of Geotechnical and Geoenvironmental Engineering; 17
 - Natural Hazards Review; 8
 - Journal of Waterway, Port, Coastal, and Ocean Engineering; 4
 - ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering; 2
 - Journal of Architectural Engineering; 2
 - Journal of Performance of Constructed Facilities; 2
 - Journal of Bridge Engineering; 1
 - Journal of Engineering Mechanics; 1
 - Journal of Environmental Engineering; 1
- Paper by Paper look at Journal of Waterway, Port, Coastal, and Ocean Engineering: approximately 16 existing candidates (more than the 4 in just 'NHERI' search)

Next Steps?

- Tentatively positive response from ASCE, but not set in stone
- Possibly begin with three journals?
 - Journal of Structural Engineering (John van de Lindt)
 - Journal of Geotechnical and Geoenvironmental Engineering (Catherine O'Sullivan)
 - Journal of Waterway, Port, Coastal, and Ocean Engineering (Andrew Kennedy)
- Need to define potential existing papers (and criteria for inclusion), and put out call for Special Collections (where appropriate for the journal)
- A push from NHERI would help with ASCE

Next Next Steps?

- Add other journals?
 - Natural Hazards Review (Louise Comfort)?
 - ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering (Michael Beer)?
 - Journal of Performance of Constructed Facilities (Norbert Delatte)?
- Make a deal to get Open Access for all NHERI papers?
 - \$1000 per article for older articles (24 months)
 - \$2500 per article for newer articles
 - Probably (not certainly) we could get a discount