

NHERI Council Monthly Meeting No. 11, Y-7
May 4, 2023 11:30 – 12:30 PM Eastern (8:30 to 9:30 AM Pacific)

NHERI Council Meetings

Title: NHERI Council - Spring 2023

Location: <https://DesignSafe-ci.zoom.us/j/93821688719>

When: May 4th, 11:30 AM to 12:30 PM Eastern

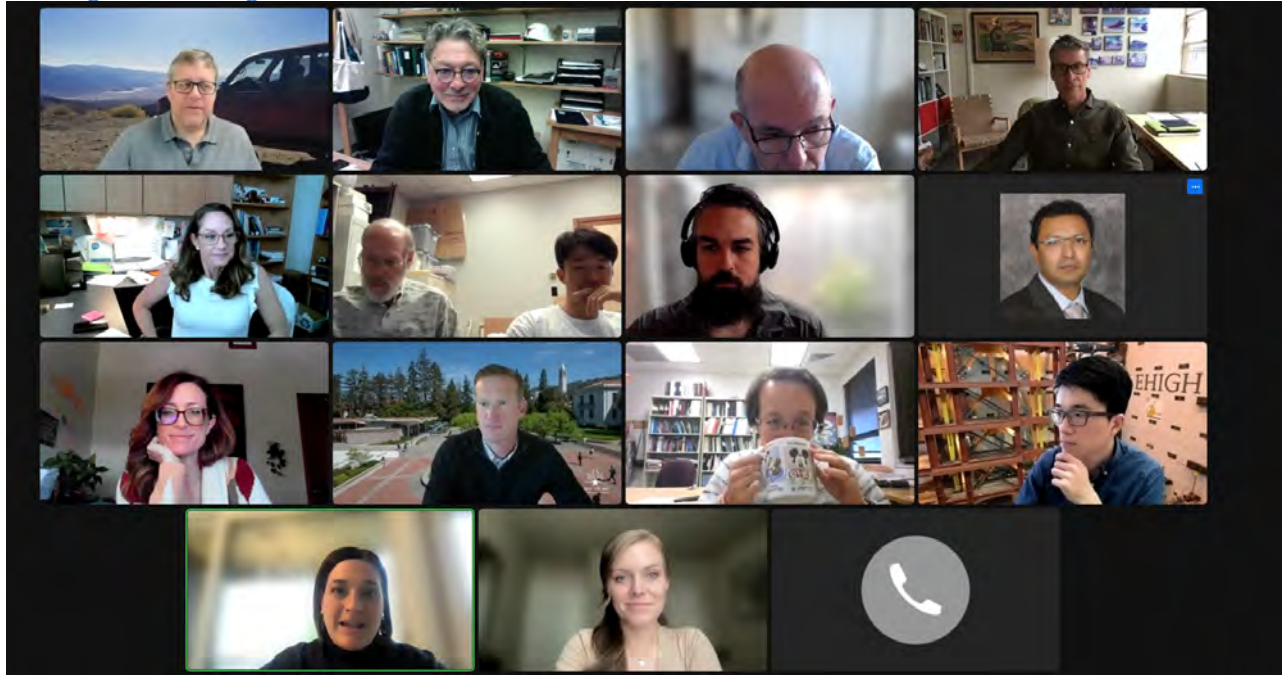
Attending:

- Oregon State University:
- University of California, Berkeley: Matt DeJong (Co-Dir.), and Matt Schoettler (Assoc. Dir. – Ops)
- University of California, Davis: 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.) DesignSafe-CI)
- University of Texas at Austin: Ken Stokoe (EF Dir.), and Sungmoon Hwang (syongmoon@utexas.edu) (Operations Manager) Texas Mobile Equipment Facility
- University of Washington: Joe Wartman (EF Dir. and Council Vice-Chair) RAPID
- National Science Foundation: Joy Pauschke (Prog. Dir, NHERI)
- Purdue University: Julio Ramirez (NCO Dir., Council Secretary), and Dan Zehner (NCO Sch./Ops. Coord.)
- Florida International University: Arindam Chowdhury (EF Dir.) WOW
- Lehigh University: Liang Cao (lic418@lehigh.edu), ATLSS
- Guests: Nicole Errett, PhD Social Sciences Lead and J. Vickery (social scientist) (RAPID) University of Washington

Minutes

1. Attendance (Julio)

See Page 1 and image.



2. (5 min) Review and Approval of Minutes (previously distributed) Meeting No. 9, 3/2/23 in Y-7 (Jennifer)

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

Minutes approved as distributed without objection

3. (5 min) Old Business –

a. Post Summit Activities

i. Next NHERI-wide meeting, 2024 (Jennifer, Julio, 5 min)

Work in the report continues and the videos (highlights reel, NSF remarks, Keynote and Ted Talks) are now available in designsafe and the NHERI Youtube channel:

https://www.youtube.com/results?search_query=natural+hazards+research+summit+2022

4. (25 min) New Business - Next steps for strengthening NHERI community

a. (20 min) The Impact of NHERI: Metrics and Methods – RAPID Facility (N. Errett and J. Vickery)

A detailed look at the process logic model currently being considered by the RAPID was presented and discussed. The slides from the presentation are appended to the record of this meeting.

Action Item: Lori, Julio, Ellen and a representative from the RAPID to form a task group with other interested Council representatives to focus on answering the question *What is the Impact of NHERI?* Facilities and Components to share with the task group their impact.

- b. (5 min) Scheduling discussion topics for future Council Meetings (Jennifer).
 - i. Lowering Barriers to Entry for NHERI Research
 - UC Davis “laddering process” (Ross/Dan?) [May 4 meeting Agenda topic.](#)
 - FIU collaborator profiles (Arindam?)
 - Other good examples?
 - Send Jennifer your common NHERI FAQs (all)
 - ii. Team Science Study (Dan)
 - iii. Social Media Impact (Ellen)
 - iv. Others
- c. Other New Business

Action Item: send to Jennifer your component related FAQs

5. Adjourn

[Meeting adjourned at 12:28 PM Eastern. Julio moved and Lori seconded the motion.](#)



RAPID NHERI
Natural Hazards Reconnaissance

NHERI Evaluation

Nicole Errett & Jamie Vickery

Social Sciences Team

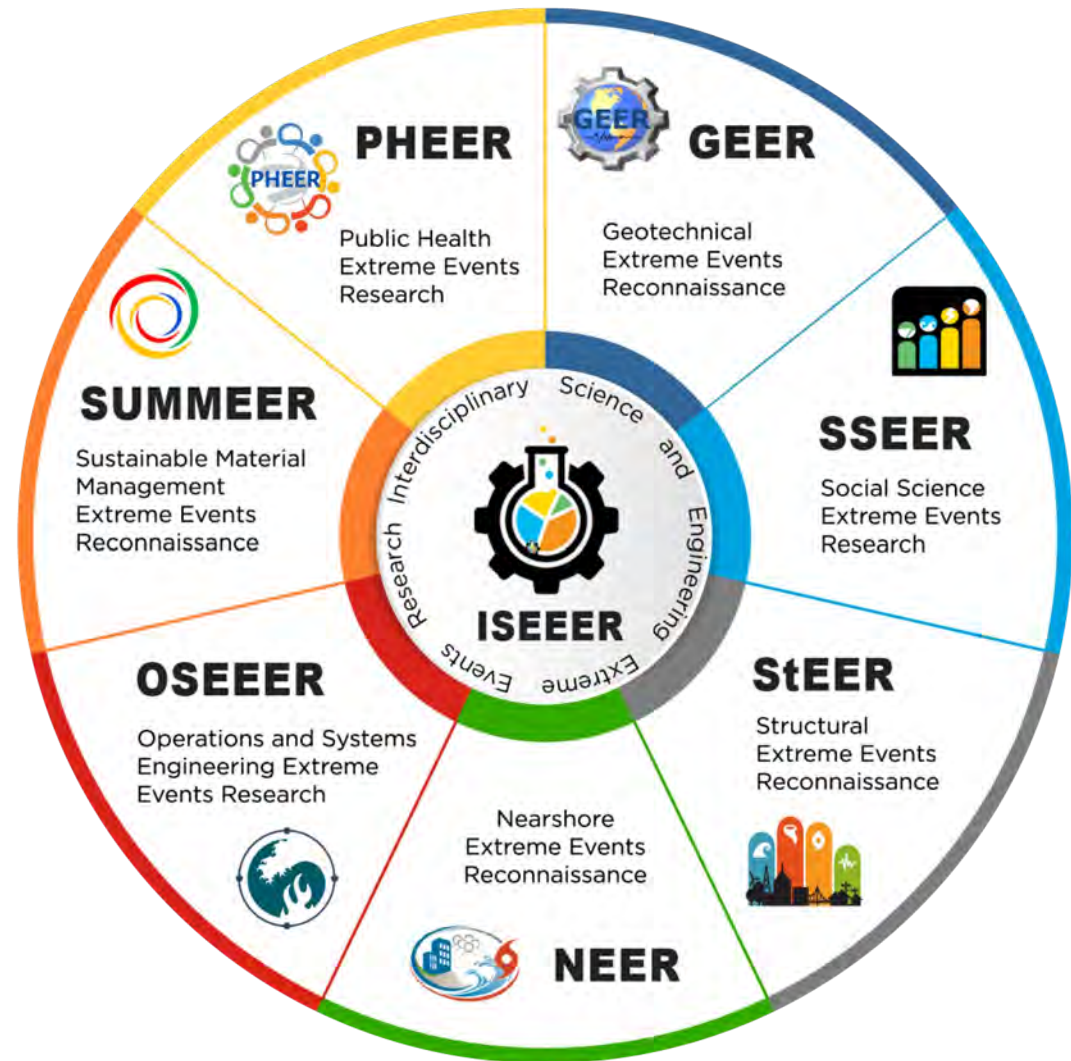
RAPID Facility

**NHERI Council
Meeting**

NSF Award Number: CMMI 1611820

Where did this come from?

- ◆ Feb 2023 CONVERGE meeting
 - EERs and Facilities that interact closely with EERs
- ◆ Identified 6 month and 2 years priorities
- ◆ Evaluation rose to the top



Why Evaluation?

- ◆ Tell our story
- ◆ Systematically highlight successes
 - Go beyond “anecdotal” case studies to identify domains of impact
- ◆ Identify areas where we need additional resources to create “transformational change”
- ◆ Inform NHERI decadal visioning
- ◆ Facilitate reporting

What does an evaluation involve?

- ◆ Development of a logic model
- ◆ Identification of evaluation questions
- ◆ Development of tools and approaches to collect and analyze data to answer evaluation questions
- ◆ Implementation
- ◆ Reporting
- ◆ Application of findings to improve programming

Aren't we already doing this?

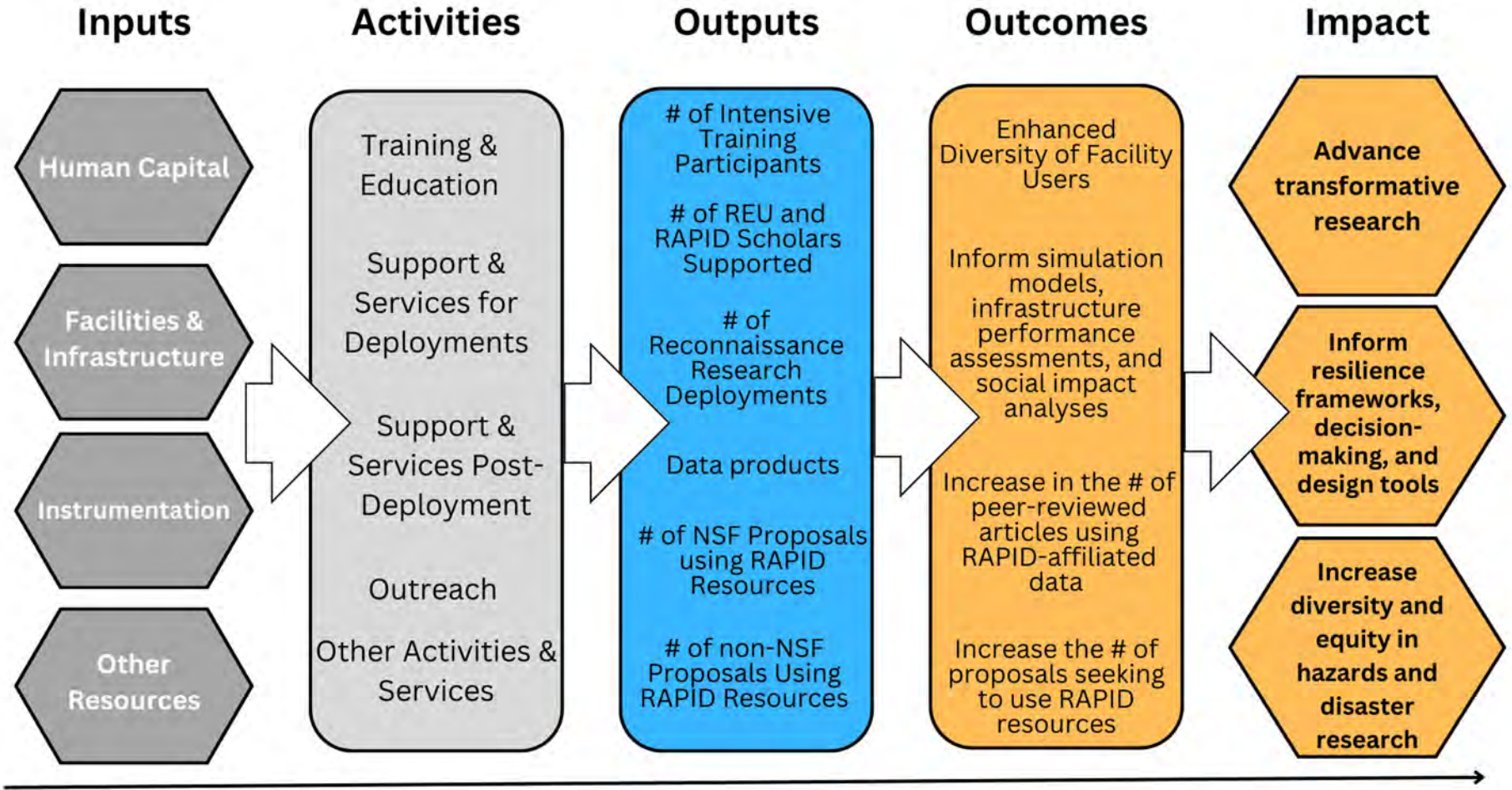
- ◆ Efforts to date have focused on measuring process (e.g., activities) and outputs (e.g., number of users trained)
- ◆ Efforts have focused on the individual facility level versus the impact of the Network as a whole
- ◆ Opportunities exist to measure the impact of individual facilities (short and long term), as well as “what we do better together than we can alone”
- ◆ Note: Impact evaluations are resource and time intensive and would require dedicated support.
 - The golden rule is 5-15% of a budget is dedicated to evaluation.

What could this look like?

- ◆ Let's use the RAPID as an example!



RAPID Logic Model



Example evaluation questions & possible approaches to answer them

Question	Approach
Have the disciplinary and demographic characteristics of RAPID facility users become more diverse over time?	<ul style="list-style-type: none">• Longitudinal analysis of user data collected over time
Has RAPID data been used to answer multidisciplinary research questions?	<ul style="list-style-type: none">• Conduct literature review to identify examples of reuse of RAPID data• Stakeholder interviews with RAPID users and reusers of RAPID data
How has RAPID enhanced the collection of perishable data to answer transformational research questions brought forward by the hazards and disaster research community?	<ul style="list-style-type: none">• Stakeholder interviews• Grant application review• Longitudinal tracking of papers

Resources

- ◆ [W.K. Kellogg Foundation Logic Model Development Guide](#)
- ◆ [Housing and Human Services Logic Model Tip Sheet](#)
- ◆ [AmeriCorps Logic Model Development Presentation](#)
- ◆ [American Evaluation Association 365 Blog](#)

Discussion

- ◆ What is the value of evaluation to your facility or program?
To the NHERI Network?
- ◆ How could an evaluation inform the NHERI decadal visioning process?
- ◆ What would your facility/our network need to implement an evaluation?
- ◆ If we were to identify resources to do an evaluation, how can we build on existing facility-level efforts?