

## Workshops & Mentoring Working Group – 10/28/22 Meeting Minutes

- Meeting began at 10:04 am CT
- Meeting Attendance:
  - o Jasmine Bekkaye
  - o Robin Nelson
  - o Matthew Van
  - o Emmaleah Jones
  - o Nurullah Bektas
  - o Taylor Heath
  - o Ashray Saxena
- Introduction of Workshops & Mentoring working group meeting structure and items that will be discussed
- Announcements of fall semester workshops:
  - o Post-Disaster Reconnaissance Workshop – September 9<sup>th</sup>
  - o DesignSafe and SimCenter Tools Workshop Series
  - o Lifting the Curtain of Academic Publishing in Natural Hazards Research
  - o DEI Workshop – September 23 and more workshops being planned by DEI Working Group
- Discussion of fall semester workshops mentioned:
  - o Post-Disaster Reconnaissance Workshop – September 9<sup>th</sup>:
    - Presentation by graduate students and EER Directors on post-disaster reconnaissance: what it is, what the EER organizations do, and how to get involved
    - Recording of EER Director panel available on NHERI GSC website
  - o DesignSafe and SimCenter Tools Workshop Series:
    - Collaboration with the Research Working Group
    - Second Friday of every month through May 2023
    - Introduction and demonstrations of available DesignSafe and SimCenter tools, applications, and resources
    - Survey sent out by the Research working group to determine topics and tools students and researchers are most interested in
    - Discussion of first 5 topics for workshop series:
      - **\*11/10:** Building response analysis under earthquake ground motion (EE-UQ) (tentatively November 10 b/c Veteran’s Day on 11/11)
      - **12/9:** Machine Learning and AI Resources (Jupyter, Interactive Data Analytics, HPC)
      - **1/12:** Developing and benchmarking new fragility and consequence functions (PBE)

- **2/10:** Simulation of regional hurricane impact (R2D)
    - **3/10:** Data Analysis using Next Generation Liquefaction (NGL) Database (NGL, Jupyter, SQL, Interactive Data Analytics)
      - Topics not set in stone for these dates but may be rearranged
  - Lifting the Curtain of Academic Publishing in Natural Hazards Research:
    - Original workshop held at Natural Hazards Research Summit
    - Guided panel on best practices including cultivating resources and mentorship, building a research agenda and project, and working through the editorial process and rejection.
    - Main takeaways will be disseminated through an online workshop
      - Collaboration with Research Working Group
- Chair of Workshops & Mentoring opens floor for attendees to discuss their ideas for spring semester workshops
  - Climate justice and environmental justice
    - Researchers presenting on their environmental justice specific research, how do they think about it, methodology, case selection
    - Practitioners, grassroots organizations, how can researchers support their efforts
  - NHERI conference
    - Research working group has ideas on this, Workshops working group will help, and other WGs
  - Communicating research to communities, getting involved and engaged with communities that research is impacting
    - Collaboration with Network & Community Building WG
  - Earthquake (also within DesignSafe & SimCenter workshop series)
  - Making/building your own web applications
- Closing remarks
  - Next meeting of semester to be held sometime in November/December
    - Last week of November good option
  - Continue the discussion on spring semester workshop ideas and finalize topics/discuss potential speakers for spring semester workshop(s)
- Meeting ended at 10:34 am CT