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 9th
  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 9th:
    ▪ 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