Goals of this workshop

- Engage and involve the NEES community in the development process
- Use realistic activities to evaluate the NEEShub and collect ideas

We anticipate having such a workshop each year.
The *focus* today is on the tools being improved and developed to support users in their research efforts.

- Project Warehouse
- inDEED (plotting tools)
- OpenSEES
- Project Explorer for NEES (data ingest)
- Improved navigation and search
Day 1 (June 10th)
- 8:30–9:45: Goals of the Workshop & Intro to NEEShub
- 9:45–10:15: Teams and Tasks
- 10:15–10:30: Morning break
- 10:30–5:00: Team activities (take breaks as needed)
- 12:15: Lunch arrives
- 3:00–3:20: Tour (by Mark Bowman, Bowen Lab Director)
- 5:00–?: BBQ for all at Happy Hollow Park

Day 2 (June 11th)
- 8:30–10:15: Group presentations
- 10:15–10:30: Morning break
- 10:30–12:00: PEN Demonstration; Discussion
Getting started...

- Create an account on the NEEShub
  - [http://neeshub.org](http://neeshub.org)

- Join the group assigned to your team (see Table 1 for groups), and your membership request will be approved shortly
Rudi Eigenmann
Welcome to the Workshop
We Need Your Feedback!

- Requirements-driven design is key
- Explicit needs of the community
- Our ideas, vetted by the community
- Our first release: July 31 – your critical review and ideas are very much appreciated.
Overview

- IT Team Structure
- Release 1 Process
- Prototype 2 Status
- Intro to P2
- New P3 functionality
Source of initial Requirements
- NEESit 2007 RTM
- Basic nees.org functionality
- Researcher interaction

Requirements reviewed and prioritized by DWG and RAAS
NEEScomm IT included most high and some lower priority requirements in Release 1
Design direction received from Core Feedback Group
Release 1 staged in 3 prototypes
Release 2 starting soon – with process refinements
Prototype 2 Status

- Released to Testers on Monday (June 7)
- Contains a limited set of Project Warehouse data
- Includes improved P1 functionality as well as new functionality
- Be patient – we expect to find bugs
Brief Intro to P2

- **Tools**
  - Downloadable/Executable
  - Authoring Tool
  - inDEED
  - Project Warehouse
  - OpenSEES

- **Hub functionality**
  - Groups
  - Context sensitive tickets
  - Session Sharing
  - ‘Multi–tasking’
  - Contributions/Resources

- **General Web functionality**
  - Register
  - Login
  - Wish List
  - Ticketing
  - Knowledge Base
  - Search
  - About NEES
New P3 Functionality

- Project Warehouse
  - Improved Display
  - Upload
  - Project Editor
- PEN Tool
- Mailing Lists
- Code Repository
- Remaining Tools (downloadable)
- Teragrid Allocation
- Site Utilization Calendar
- Data Migration
- User Account Migration
Questions/ Comments
Next steps

- Complete a set of tasks
- Evaluate the current version of the NEEShub and provide feedback
- *Please don’t be concerned about doing tasks in the correct way, as any way that you can complete the tasks is correct.*
- Please *do* tell us about problems you experience, things that you like, and ideas for the future.
Use the link on the group’s wiki to sign up for a time to perform the remote experiment.

On the wiki page in your group please take detailed notes on this experience as you perform the tasks.

Use the *ticket system* to report any bugs, problems, difficulties throughout the workshop.
Specific Tasks

Please do the following tasks, but they can be completed *in any order you wish*.

- Perform a remote experiment on a shake table
- Run a simulation in OpenSEES
- Scavenger hunt for information
Perform an Experiment

Remote operation funded in part by an NSF-CCLI Project.
By Dyke, Christenson, Jiang, Gao and Feinstein
Run a Simulation with OpenSEES
Scavenger Hunt
Friday morning each group will be asked to make a PowerPoint presentation. Please comment and prioritize:

- Problems encountered, creative solutions
- What do you like? Not like?
- Ideas for the future design of the NEEShub

Upload the PowerPoint file to the group wiki, and email to me at the close of the workshop.

NEEScomm IT will lead a discussion about input.
Hints:

- The instructions should also be posted to your group’s wiki site.
- Some hints can be found in Section D of the instructions for:
  - Uploading files
  - Deleting files
- If other hints are needed as we go, we will post them in front of the room.
Awards

- Best Group Feedback
- Best Innovation Concept
- Best Team Spirit