

NEES Workshop for Practicing Engineers (SF)
May 8, 2002

Discussion Matrix, May 8, 2002; Rutherford & Chekene, Oakland, CA
NEES and Practicing Engineers Focus Group

Interest in Research Projects/Facilities

Research	High	Moderate	Low
Coordinated study of material or system (SAC, CUREE Wood)			
Compilation of testing of components to establish acceptability criteria for <u>retrofit</u> or PBE or systematic program of testing for the same purpose (for FEMA 356)	X		
Compilation of testing of components to establish design criteria for <u>new construction</u> or systematic program of testing for the same purpose		x	
Testing of a component for a specific project (Moment Frames, BRBF)	X	funding	
Testing of new product or system (non proprietary and non project specific)		Assistance	
Development of new and/or improved analytical or design methods	X		
Research directly related to code issues (Proposed R Factor Study)		Industry influence	
Development or applied research	x		

Potential Improvements in research capabilities from NEES that would help my practice

Area	Greatly Improve	Slightly Improve	Not Improve
Expanded capabilities of equipment		X	
Networking of sites/equipment		Skeptical, long wait	X
Remote monitoring		X	
Curated database	X visualization organization		
Simulation Models, Software		X	

What should be in the NEES curated database to be most helpful?

The results of all new testing results performed on NEES equipment
The results of all preexisting testing results meeting a minimum standard including photos (cost benefit??)
needs engineering input for organization and content
post earthquake data
Analysis software
Associated research reports???
Index of "PDF" files
Quality? reliability

How much search/analysis software is required

Very Sophisticated	Basic	Very Little
x		

Are you interested in being an advisor on research projects,
probably at less than full (or even breakeven) rates?

Yes	No

Relative Importance to you and your practice:

In your practice, or in your code/standards development activities, which of the following is most applicable?

Direct access to research and testing capabilities and/or results is important	
Enhanced capabilities is most important	
Enhanced funding with current facilities is most important	
Direct access to research and testing capabilities and/or results is not all that important	