

Next Generation Liquefaction Project

Introduction and Project Overview

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NGL
NEXT
GENERATION
LIQUEFACTION

Project Sponsors: General



Project Sponsors: Lateral Spreading



Current status of liquefaction data and models

- Model-to-model uncertainty is large
- Major confusion regarding best practices

NGL

- Build a transparent database
- Improve the resources available for model development through supporting studies
- Improve transparency in model building process
- Provide ‘vetted’ models having rapid impact

Today's objectives

Inform community of NGL project status

Emphasis is on NGL database

Database is now operational, although population of the database is ongoing

Project is approaching a major milestone...
discuss next steps

Agenda

1. 10-10:15. Introduction (Bozorgnia, Stewart)
2. 10:15-10:30. NGL Consortium (Stamatakos)
3. 10:30-10:45. NGL Database & Working Group (Brandenberg)
4. 10:45-11:30. NGL Database: graphical interface and population status (Zimmaro)
5. 11:30-11:50. Legacy case histories I (Cetin)
6. 11:50-12:10. Legacy case histories II (Moss)

Agenda

Lunch in atrium & patio

7. 1:15-1:45. Lateral spread case histories
(Bartlett, Franke, Hosseinali)
8. 1:45-2:05. Case histories at strong motion sites
(Greenfield)
9. 2:05-2:25. Case histories from recent events
(Zimmaro)
10. 2:25-3:00. Discussion, coffee break

Agenda

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11. 3:00-3:30. NGL-DesignSafe *on-the-cloud*
interactive tools (Lee, Fisher)

12. 3:30-5:00. Next steps for the NGL Consortium
(Stewart, Kramer, Stamatakos)

13. 5:00-5:30. Discussion

Adjourn