

Final Agenda
COSMOS-PEER Lifelines-FHWA
Workshop on Archiving and Web Dissemination of Geotechnical Data

Newport Beach Marriott Hotel
900 Newport Center Drive
Newport Beach, CA

June 21 - 23, 2004

June 21, 2004

PM

Session 1 - Introduction

Moderator: Carl Stepp, COSMOS

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|------|---|---|
| 1:00 | Overview of Workshop Objective, Structure, and Process | Clifford Roblee, Caltrans
Thomas Lefchik, FHWA |
| 1:20 | Overview of the COSMOS-PEER Pilot System for Web Dissemination of Geotechnical Data: A User Perspective | Loren Turner, Caltrans
Jennifer Swift, USC
Jean Benoit, UNH |

Session 2 - Requirements for a Web Accessible Geotechnical Data System for FHWA and State DOTs

Moderator: Thomas Lefchik, FHWA

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| 1:40 | Introduction and Overview | Thomas Lefchik, FHWA |
| 2:00 | FHWA Survey: An Assessment of a Distributed Geotechnical Data System | Robert C. Bachus, GeoSyntec |
| 3:30 | Break | |
| 3:50 | Virginia Department of Transportation Management of Geotechnical Data | Stanley Hite, Virginia DOT |
| 4:10 | Minnesota Department of Transportation Management of Geotechnical Data | Gary Person, Minnesota DOT |
| 4:30 | Nebraska Department of Roads Management of Geotechnical Data | Omar Qudus, Nebraska DOR |
| 4:50 | Ohio Department of Transportation Management | |

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| | of Geotechnical Data | Tom Lefchik, FHWA
Kirk Beach, Ohio DOT |
| 5:10 | Kentucky Transportation Cabinet Management of Geotechnical Data | Will Holmes, KTC |
| 5:30 | Adjourn Day-1 | |

June 22, 2004

AM

- 8:00 **Discussion: recommendations for a Web accessible geotechnical data dissemination system to serve FHWA and State DOTs**
Moderator: Robert Bachus, GeoSyntec
Recorders: Jeff Palmer, Nevada DOT
Mike Fritz, Missouri DOT
Ed Tavera, South Carolina DOT

Session 3 - COSMOS – PEER Lifelines Pilot Web Based Geotechnical Data System

- Moderator: Clifford Roblee, Caltrans
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|-------|--|--|
| 9:30 | Introduction and Overview | Clifford Roblee, Caltrans |
| 9:45 | Baseline Practices and User Needs for Web Based Geotechnical Data | Loren Turner, Caltrans |
| 10:05 | Data Dictionary and Formatting Standard for the COSMOS-PEER Lifelines Pilot Geotechnical Data System | Jean Benoit, UNH |
| 10:30 | Break | |
| 10:50 | Demonstration of COSMOS – PEER Lifelines Pilot Geotechnical Data System and Databases | Jennifer Swift, USC
Charles Real, CGS
Daniel Ponti, USGS
John Bobbitt, POSC |
| Noon | Lunch | |

PM

Session 4 - Currently Deployed Web Based Geotechnical Data Dissemination Systems

- Moderator: Jean Benoit, UNH
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| 1:00 | Overview of California Geological Survey and ROSRINE Web enabled geotechnical databases | Charles Real, CGS
Jennifer Swift, USC |
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- 1:20 AGS XML format developments; British Geological Survey GeoData management and dissemination system; and Borholes.com: a GIS-based geotechnical data recovery system
Stephen Walthall,
Bechtel
- 1:50 The Alaska Engineering Design Information System: A geographical information system based WEB delivered resource for engineering data and tools
Jerome Johnson, COE
- 2:20 UK Highways Agency Geotechnical Data Management System (HAGDMS)
David Patterson, UKHA
- 2:50 Overview of the National Geotechnical Experimentation Sites Database
Jean Benoit, UNH
- 3:00 Break
- 3:20 Electronic data formats for Geotechnics in Infrastructure Management
Tim Spink,
Mott MacDonald Consultants
- 3:50 Data Dissemination System Developments for the NEES Geotechnical Instrumentation Sites
Hank Ratzesberger, UCSB
Jamison Steidl, UCSB
- 4:00 **Formation of Discussion Groups: requirements for a general use distributed geotechnical data archiving and dissemination system**
Moderator: Loren Turner, Caltrans
Recorder: Jennifer Swift, USC
- Technical Issues
 - Policy Issues
 - Implementation and Management Issues
- 5:00 Adjourn Day-2

June 23, 2004

AM

- 8:00 Topical Discussion Group Meetings
- Technical Issues
 - Policy Issues
 - Implementation and Management Issues

10:00 – 10:20 Break

11:45 Lunch

PM

1:00 **Topical Discussion Groups' Reports and Discussion**
[50-minute presentation and discussion of each Group report]

Moderator: Carl Stepp, COSMOS

Recorders: Jean Benoit, UNH
Jennifer Swift, USC
Loren Turner, Caltrans

3:30 Final comments, next actions

Clifford Roblee, Caltrans
Thomas Lefchik, FHWA

4:00 Adjourn Workshop