



NSF Workshop on Emerging Geoenvironmental Technologies for Pollution Control and Remediation

Krishna R. Reddy
Workshop Organizer

University of Illinois at Chicago
September 18-19, 2003

Welcome to Chicago



Acknowledgements



- National Science Foundation
 - Cliff Astill, Program Officer,
Geoenvironmental Engineering and
GeoHazards Mitigation Program

- University of Illinois at Chicago
 - Larry Kennedy, Dean, College of
Engineering
 - Farhad Ansari, Department Head

Acknowledgements



- Local Organization Committee
 - Krishna Reddy
 - Rich Finno
 - Jean Bogner
 - Sanjeev Bandi
 - Andreas Jazdanian
 - Rich Saichek

- All of you (Participants)

Workshop Objectives



- To summarize the current status of geoenvironmental research, education and practice
- To identify issues and emerging technologies in geoenvironmental engineering
- To identify geoenvironmental educational needs
- To facilitate collaboration among researchers and practitioners

Workshop Participants



- Faculty: 23
- Industry: 5
- Governmental Agencies: 2

Working Groups



- Group 1
Waste Containments Systems: Design and Performance
- Group 2
Waste Materials: Characterization and Applications
- Group 3
Contaminated Sites: Characterization, Assessment and Remediation

Working Group 1

Waste Containments Systems: Design and Performance



- Dave Daniel (Moderation)
- Craig Benson (Summary Presentation)
- Nazli Yesiller (Recording)
- Jeff Evans
- Jean Bogner
- Beth Gross
- Juan Pestana
- Lakshmi Reddi
- Doug Hermann
- Rich Saichek

Working Group 2

Waste Materials: Characterization and Applications



- Hilary Inyang (Moderation)
- John Bowders (Summary Presentation)
- Anand Puppala (Recording)
- Tuncer Edil
- Jay Meegoda
- Ahmet Aydilek
- Patrick Fox
- Sanjeev Bandi
- Jim Hanson
- Rich Finno

Working Group 3

Contaminated Sites: Characterization, Assessment and Remediation



- Chuck Shackelford (Moderation)
- John Gierke (Summary Presentation)
- Akram Alshawabkeh (Recording)
- Trish Culligan
- Tim Grundl
- Sibel Pamukcu
- Amid Khodadoust
- Krishna Reddy
- Radhey Sharma
- Ken Wittle
- Debbie Beach
- Andrea Jazdanian

Workshop Agenda



September 18 (Thursday)

- | | |
|-------------|--------------------------------------------------------------------------------------|
| 8:00-8:30 | Continental Breakfast |
| 8:30-9:10 | Welcome and Introductions
Scope & Expected Outcome of Workshop
(Krishna Reddy) |
| 9:10-9:30 | Working Group 1: Summary Presentation |
| 9:30-9:50 | Working Group 2: Summary Presentation |
| 9:50-10:10 | Working Group 3: Summary Presentation |
| 10:10-11:00 | Break |

Workshop Agenda



11:00-12:00 Breakout Working Group Meetings

Group 1: Room 1043ERF

Group 2: Room 1047ERF

Group 3: Room 3093ERF

12:00-1:00 Lunch

Workshop Agenda



1:00-3:00 Breakout Working Group Meetings
(Continue)

Group 1: Room 1043ERF

Group 2: Room 1047ERF

Group 3: Room 3093ERF

3:00-3:30 Break

3:30-4:00 Plenary General Discussion
and Plan for Day 2

5:30-8:30 Lake Michigan Cruise Celebration
and Dinner

Workshop Agenda



September 19 (Friday)

8:00-8:30 Continental Breakfast

8:30-10:30 Breakout Working Group Meetings (Continue)
(With rotation of group members-optional)
Group 1: Room 1043ERF
Group 2: Room 1047ERF
Group 3: Room 3093ERF

10:30-11:00 Break

Workshop Agenda



11:00-11:20

Working Group 1: Report Submittal and Presentation

11:20-11:40

Working Group 2: Report Submittal and Presentation

11:40-12:00

Working Group 3: Report Submittal and Presentation

12:00-1:30

Lunch

1:30-2:30

General Discussion and Follow-up Actions

2:30

Adjourn (2:30-3:30 UIC Lab Tour- Optional)

Expected Outcome



- Post-Workshop Summary Report
 - White Papers (as submitted)
 - Working Group Reports (as submitted)
 - Overall Summary
 - Submitted to NSF and Posted on Web

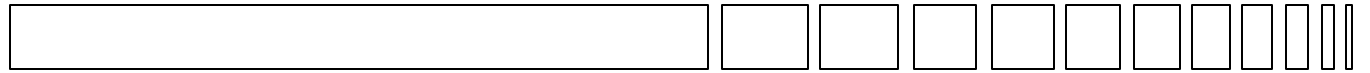
- Follow-up Actions
 - Post-Workshop e-mail listing
 - Post-Workshop Technical Proceedings
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**I hope that this workshop
will be:**

**Fun
Rewarding
and Worth it!**

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34 participants

x 30 hours

x \$100/hr = \$102,000!



Thank you