

Introduction to Forum

The Forum Concept—Selected by the Strategic Planning Committee of the Near Surface Technical Section of the SEG as a top near-term strategic objective.

Focus on topics or issues of national and/or international importance

Focus on topics for which near-surface geophysics has or is or can play a significant role.

Engage geophysicists/geoscientists with engineers, practitioners of other relevant disciplines, project managers, policy makers

Relatively small in size and *informal*

New format which encourages interactions among all attendees

Small number of invited speakers addressing subsets (sessions) of the overall theme

Each session led by a Session Facilitator

Following session speaker presentations – a facilitated discussion

Finally, Products – Attendees will discuss products in the form of a white paper, executive summaries, and articles for SEG and ASCE magazines and news outlets

Forum Topic



Organized by – Society of Exploration Geophysicists



SOCIETY OF EXPLORATION
— GEOPHYSICISTS —

Forum Host – Boone Pickens School of Geology, Oklahoma State University
Dr. Priyank Jaiswal, Forums Group, Strategic Planning Committee



Forum Partners – ASCE-IRD, USACE-ERDC



Forum Sponsor – Olson Engineering



US Army Corps
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Topic: A Forum on Infrastructure

- Aging, deteriorating, inadequate infrastructure an obvious issue
- New administration emphasized need for investment and addressing infrastructure issues
- USACE, ASCE, DOT, DHS, and other professional societies and government agencies have initiatives addressing infrastructure
- Location in Central U.S. allows the Forum to highlight a unique challenge to infrastructure



Attendees and Participants Introductions

Give name and employer

Major job function/title

Memberships: ASCE, SEG, Others

Session Facilitators

Dwain Butler **SEG (formerly USACE)**

“Overview of Infrastructure Sustainability, Renewal, and Resiliency Initiatives”

Alexandros Savvaidis **SEG, Manager TexNet,
Bureau of Economic Geology, Univ. of Texas**

“Unique Infrastructure Issues Facing Central U.S.”

Steve Sloan **SEG, USACE-ERDC**

“Near-Surface Geophysics and Applications to Infrastructure Assessment, Remediation, Design, and Monitoring for Resilience”

Matthew Smith **ASCE, USACE-ERDC**

“Policy Background, Regulatory Framework, Legal Issues and Future Evolution to Address Infrastructure Assessment, Maintenance, Protection, Design, Resiliency”

Overview of Infrastructure Sustainability, Renewal, and Resiliency Initiatives

Keynote: Dr. Norbert Delatte, Jr., P.E., F.ASCE, OSU

“ASCE’s Initiatives in Sustainability and Resiliency of Infrastructure”

Keynote: Dr. Matthew Smith, P.E., ASCE, USACE-ERDC

“USACE Initiatives and Program Development: Scope of Requirements, Resiliency Considerations, Risk Assessment”

With reference to the Session title, the titles of each Keynote, and the content of the presentations, formulate questions or comments to enhance your and the group’s understanding of the issues.

Big Picture Issues.