ENERGY-RELATED GEOLOGIC STORAGE

IUCRC for Energy-Related Geologic Storage (ERGS)
Planning Meeting Agenda

Texas A&M University
Center for Infrastructure Renewal (CIR)
1041 Rellis Pkwy, Bryan, TX 77807

November 5, 2026 – Day 1

7:30 am	**Participant Registration**		
7:30 – 8:15 am	**Breakfast and Networking Time**		
8:15 – 8:35 am	**Texas A&M University Welcome Remarks** E. Brendan Roark, Associate Vice President for Research, Division of Research Jessica Bernard, Associate Dean for Research, College of Arts & Sciences Lin Shao, Associate Dean for Research, College of Engineering		
8:35 – 9:15 am	**Planning Meeting Goals, Vision and Capabilities of the Center** Sherilyn Williams-Stroud, ERGS Project PI (Center Director), Texas A&M University Mileva Radonjic, ERGS Project PI (Site Director), Oklahoma State University		
9:15 – 10:00 am	**NSF IUCRC Presentation** Barbara Ransom, NSF IUCRC Program Director and Victoria Hill, Center Evaluator		
10:00 – 10:15 am	**BREAK**		
10:15 am – 12:15 pm	**Project Proposal Presentations**		
10:15 am	1	ML-Enhanced Seismic Inversion, Storage Characterization, and Digital Subsurface Assessment for Energy-Related Geologic Storage	*Camelia Knapp*
10:35 am	2	Physics-based and Observation-calibrated Forecasting of Fault Slip and Produced Water Migration from Subsurface Injection	*Xiaowei Chen*
10:55 am	3	Development of Probabilistic Geologic Storage and Risk Assessment for Energy-Related Fluids and Gases	*Zenon Medina-Cetina*
11:15 am	4	Evaluation of Regional Salt Deposits for Sustainable Geological Storage	*Cameron Manche*
11:35 am	5	Assessing Produced Water Disposal Capacity Through Pressure Monitoring and Hydrogeologic Modeling	*Yipeng Zhang*
11:55 am		***Discussion***	
12:15 – 1:15 pm	**LUNCH**		
1:15 – 3:15 pm	**Project Proposal Presentations**		
1:15 pm	6	Evaluation of Wellbore Interfacial Bond Strengths Under Subsurface Storage Fluid Exposure: A Digital Image Correlation Approach	*Hunjoo Lee*
1:35 pm	7	Chemical Effects of GeoEnergy Injection on the Geomechanical Response of Subsurface Rocks	*Kiseok Kim*
1:55 pm	8	Developer Perspectives on Community Engagement for Energy-Related Geologic Storage	*Christian Brannstrom*
2:15 pm	9	Common Ground™: A Cooperative Model for Aligning Landowner, Operator, and Industry Interests in Energy-Related Geologic Storage	*Omar Hakim*
2:35 pm	10	From Earth to Sky: Integrated Assessment of Oil and Gas Production Impacts on Groundwater and the Environment Using Geochemistry and Autonomous Airborne Monitoring	*Jamey Jacob*
2:55 pm		***Discussion***	

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3:15 – 3:30 pm	**BREAK**
3:30 – 4:00 pm	**Impressions of Day 1 Presentations** (Center PIs and Facilitator)
4:00 – 5:00 pm	**IAB Organizational Meeting and Formative Discussion** (Industry Participants and NSF, All participants and IAB discretion) Discuss expectations, mission alignment, provide feedback, member company goals, Center organization, the role of members, details of voting, select "provisional" IAB Chair
5:00 pm	**ADJOURN DAY 1**
6:00 – 8:00 pm	**Technical Forum and Social** Poster Session and Reception at the University Club Mezzanine, Rudder Tower

November 6. 2026 – Day 2

7:30 – 8:00 am	**Arrival and Breakfast**
8:00 – 9:30 am	**Review and Discussion** (All participants) Discuss member feedback and researcher responses
9:30 – 10:45 am	**IAB Meeting** (Industry Participants and NSF, All participants at IAB discretion) Discussion of proposed projects, voting and discussion of results, management and mentoring framework, formulation of potential funding recommendation
10:45 – 11:00 am	**BREAK**
11:00 – 11:30 am	**IAB Report out, Discussion** (All meeting participants)
11:30 – 11:50 am	**Action Items and Plans for Next Meeting** (All meeting participants)
11:50 am – 12:00 pm	**Summary and Closing Remarks** (All meeting participants)

ADJOURN

(Box lunches will be provided)