

**2020 Annual Affiliates Meeting & Workshop
Is going virtual (via Zoom)
Nov 5, 12, & 19 2020**

Wow how the world has changed! First the pandemic, and now the fires across the Western US. As a result of world events, we have made the difficult decision to move our annual meeting to a virtual format. Please mark your calendars for the **2020 Annual Affiliates Meeting** which will be held over three consecutive Thursdays on **November 5th, 9th and 12th** from 11am-2pm Pacific time. We hope you will be able to join us for this event. An agenda with the plans for each day will be sent at a later date. Please [register here](#).

Membership Update

We are thrilled to announce new members of the Stanford Center for Carbon Storage: **Energy Futures Initiative** and the **Department of Energy**. These new members join our current roster which includes ExxonMobil, Shell, and Chevron.



ExxonMobil



Upcoming Events

SCCS has been working with EFI on a joint study on CCS in California entitled “An Action Plan for CCS in California: Opportunities, Challenges, and Solutions” which will be released on October 22 in a live zoom event. This study analyzes key options -- the set of technologies and supportive infrastructures for CCS -- that could enable some “quick wins,” as well as help meet mid-century sustainable development targets.

The results and study conclusions are designed to inform state policymakers about key policy, legal and regulatory changes that would be required to jump-start a CCS industry in California to help it meet both its near-term as well as mid-century climate targets. Because of the state's outsized role in the global economy, enabling California's success in the CCS arena could also help inform and enable global decarbonization efforts. **The link to register will be sent in a separate email.**

Recent Events



The SCCS hosted a workshop presentation and discussion with Randall H. Breitenbach of [Bridge Energy LLC](#) on July 1st on their plans to capture emissions from a nearby landfill and store them in the Brea Olinda oil field. [View the video presentation.](#)



The TU Delft & Heriot-Watt University hosted Professor Sally Benson for a webinar on July 2 on CO₂ plume migration and trapping entitled "**The influence of geological heterogeneity on CO₂ plume migration and trapping.**" [View the webinar here.](#)



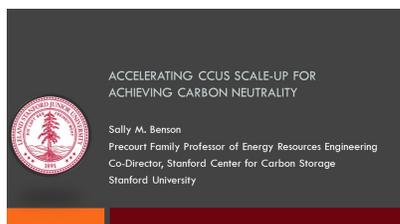
The TU Delft & Heriot-Watt University hosted Professor Mark Zoback on July 11 for a webinar entitled "**Utilizing Physics-Based Models to Manage the Risk of Injection-Induced Seismicity Associated with Unconventional Oil and Gas Production.**" [View](#)

[the webinar here.](#)



On July 21, Mark Zoback participated in the "**Gaia Talk - Outlook, Drivers & Barriers**" on the oil and gas industry's decarbonization challenge and how contributions from CCUS, innovation, and investment is needed. [Watch the video here.](#)

Sally Benson provided the keynote presentation entitled "**Accelerating CCUS**



Scale-Up for Achieving Carbon Neutrality" at the SPE Virtual Improved Oil Recovery Conference, Aug 31, 2020.

[Download the slides here.](#)

Recent Publications

- Li, Y., Garing, C., & Benson, S. (2020). [A continuum-scale representation of Ostwald ripening in heterogeneous porous media](#). *Journal of Fluid Mechanics*, 889, A14.
- Ni, H., Benson, S. M. (2020). [Using unsupervised machine learning to characterize capillary flow and residual trapping](#). *Water Resources Research*, 56, e2020WR027473.
- Andersen P.Ø., Fernø, M., et al, (2020). [Population-balance modeling of CO₂ foam for CCUS using nanoparticles](#). *Journal of Natural Gas Science and Engineering*, 80, 103378.
- Romano, C. R., Zahasky, C., et al., (2020). [Subcore scale fluid flow behavior in a sandstone with cataclastic deformation bands](#). *Water Resources Research*, 56, e2019WR026715.

Upcoming SPE Events with a Focus on Carbon Capture, Utilization, and Storage

SPE Annual Technical Conference and Exhibition:

[SS04 Women in Energy - Do We Have the Skills and People Needed For the Global Energy Transition?](#)

(October 27, 2020) – Sarah Saltzer, Panelist

[SS09: Sustainability and the Energy Transition - Navigating an O&G Grand Challenge](#)

(October 28, 2020)- Mark Zoback, Presentation on The role of the oil and gas industry in the era of decarbonization

[SS12: Meeting the Dual Challenge and Accelerating the Deployment of CO₂ Capture, Use, and Storage](#)

(October 29, 2020)- Tony Kovscek, Co-Chair

SPE Workshops:

[CCUS and Contaminants Management](#) *(December 7-9, 2020)*

[Decarbonizing the Economy: The Future of Carbon Storage](#) *(February 10-11, 2021)*

[Offshore CCUS – The Size of the Prize and the Way Forward](#) *(March 25-26)*

[Carbon Capture, Utilization, and Storage in Canada](#) *(March or April/May 2021 (exact dates pending, website coming soon))*

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