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Publications

Carbon Management (CCUS and Carbon Removal)

1. "Carbon Capture and Storage Panel." Kern County Economic Summit. KGET-17 Bakersfield. May 13, 2023. <https://www.youtube.com/watch?v=6igwsCqReNA> (1:07:00)
2. "Managing the Challenges of Energy Transition Towards Decarbonization." Western Energy Institute Operations Conference. Phoenix, AZ. April 27, 2023
3. "Carbon Transport: How and Where to Build CO2 Pipelines." Carbon Management Symposium. California State University Bakersfield, Bakersfield, CA. April 21, 2023 <https://youtu.be/IZ2k316WbL8>
4. "Carbon Capture and Storage Panel." Kern County Energy Summit. Bakersfield, CA. November 16, 2022 <https://www.youtube.com/watch?v=CE-Qa1teXss>

Hydrogen

5. "Harnessing Hydrogen: A Key Element of the U.S. Energy Future" National Petroleum Council. April 23, 2024. <https://harnessinghydrogen.npc.org/> (Member of Chapter 3 – LCI Hydrogen Connecting Infrastructure)
6. "The Role of Oil and Gas in Emerging Hydrogen Markets." Society of Petroleum Engineers Forum. Denver, CO. May 23-26, 2022
7. "Geologic Hydrogen Storage." Department of Energy Bulk Storage of Gaseous Hydrogen. Virtual. February 10, 2022 <https://www.energy.gov/sites/default/files/2022-05/bulk-storage-gaseous-hydrogen-2022.pdf>
8. "The Role of Hydrogen Storage in Decarbonization: A Utility Perspective." Sandia Energy Storage for Manufacturing and Industrial Decarbonization. Virtual. February 9, 2022 https://www.sandia.gov/app/uploads/sites/163/2022/02/802_Petrizzo_Hilary_ChemicalStorage_Storage.pdf
9. Co-Leader Working Group #2 "Integrity of Underground Natural Gas/Hydrogen Storage." Pipeline Hazardous Materials Safety Administration R&D Forum: Pipeline Transportation & Emerging Fuels Research. Virtual. Dec 2021 <https://primis-meetings.phmsa.dot.gov/archive/MtgHome.mtg@mtg=153.html>
10. "Prepared Direct Testimony of Hilary Strong Petrizzo on behalf of Southern California Gas Company – Hydrogen Blending Demonstration Program" Chapter 3 of A.20-11-004 Joint Utility Preliminary Hydrogen Injection Standard Application to the California Public Utility Commission. November 20, 2020 <https://docs.cpuc.ca.gov/PublishedDocs/SupDoc/R1302008/3387/367037315.pdf>

GEOLOGY

11. "Adjusting the Model: New Data Points in Subsurface Geology, Climate Science & Life." UCLA Department of Earth, Planetary, and Space Sciences Distinguished Alumni Lecture. UCLA, Los Angeles, CA. January 26, 2023 <https://www.youtube.com/watch?v=ATCdbvUeIMU>