

**Bay Area Geophysical  
Society Seminar Series**



# **The CCUS landscape and vital role of geophysics**

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Professor of Geophysics  
Colorado School of Mines

**January 26<sup>th</sup>, 2022 5 PM PST -- Zoom Talk**

**Abstract:**

In this presentation we discuss the economics of CCUS projects and identify what are the optimal projects. Given the EPA guidelines, we extend our analysis to the key role and value of geophysics to CCUS projects. We follow this up with value adding R&D and technologies that may be needed to progress CCUS applications. Here we will discuss fiber optics applications, CO<sub>2</sub> EOR in unconventional reservoirs and CO<sub>2</sub> leakage risk mitigation. Finally we summarize our learnings to date.

## **Presenter's Bio:**



Ali Tura is Professor of Geophysics and Co-director of the Reservoir Characterization Project at Colorado School of Mines. His expertise is in the areas of petroleum systems, reservoir characterization and monitoring, seismic methods, CO<sub>2</sub> and sequestration, fiber optic technology and data analytics. He is also Chief Scientist at Tulip Geosciences, a geosciences consulting and training company. Prior to this, he was Geophysical Senior Fellow at ConocoPhillips, Geophysical Advisor at Chevron and 4D subject matter expert at Shell. He has over 30 years of industry and teaching experience. Dr. Tura was the 2021 SEG Distinguished Lecturer.

## **Zoom meeting information:**

Zoom ID: 933 9746 1292

Password: BAGS4ever