

Energy; University of Texas Austin Researchers Yield New Study Findings on Energy [Attitudes on Carbon Capture and Storage (CCS) as a Mitigation Technology within the UNFCCC]

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2021 FEB 8 (VerticalNews) -- By a News Reporter-Staff News Editor at Journal of Engineering -- Researchers detail new data in energy. According to news reporting from the University of Texas Austin by VerticalNews journalists, research stated, "Carbon Capture and Storage (CCS) is a technology for mitigating emissions from large point-source industries."

The news reporters obtained a quote from the research from University of Texas Austin: "In addition to the primary role of reducing carbon dioxide (CO [2]) in the atmosphere, CCS forms the basis for two large-scale negative emissions technologies by coupling geologic CO [2] storage with bioenergy (BECCS) and direct air carbon capture (DACCs). Despite its inclusion within the United Nations Framework Convention on Climate Change (UNFCCC), CCS has been largely unsupported by UNFCCC delegates because of its association with fossil fuels. We evaluate data from surveys given since 2015 to UNFCCC delegates at the Conference of the Parties (COPs) to ascertain how attitudes about bioenergy, BECCS, and CCS may be changing within the UNFCCC. The results show a positive change in attitudes over time for both fossil CCS and BECCS. Using a unique data analysis method, we ascertain that, in some instances, popularity of BECCS increased due to an increased acceptance of CCS despite lower opinions of bioenergy. Business and research NGOs have the most positive views of CCS, and environmental NGOs the most negative views."

According to the news editors, the research concluded: "Delegates that attend CCS side-events have more positive attitudes towards CCS than non-attendees. Developing countries have a larger need and a greater appetite for information on BECCS than developed countries, but a need for information exists in both."

For more information on this research see: Attitudes on Carbon Capture and Storage (CCS) as a Mitigation Technology within the UNFCCC. Energies, 2021,14(629):629. (Energies - <http://www.mdpi.com/journal/energies>). The publisher for Energies is MDPI AG.

A free version of this journal article is available at <https://doi.org/10.3390/en14030629>.

Our news journalists report that more information may be obtained by contacting Katherine Romanak, **Bureau of Economic Geology**, University of Texas Austin, Austin, TX 78713, USA. Additional authors for this research include Mathias Fridahl, Tim Dixon.

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