

A Research Strategy for Ocean-based CO₂ Removal and Sequestration

Committee Meeting #4

March 25, 2021

Virtual Meeting

Speaker Bios

Emily Cox is a research associate in the Understanding Risk Group at Cardiff University in Wales. She has a background in science and technology studies, with a PhD in energy policy. Her work now focuses on public perceptions of technologies to remove carbon dioxide from the atmosphere. She also has expertise in public perceptions and opposition towards energy technologies, including Carbon Capture and Storage, fracking and nuclear power. Her work aims to embed principles of public engagement and responsible innovation in technology development.

Bill Collins is the Chairman and founding partner of Cascadia Seaweed. Bill's career spans almost 40 years and evolved from success in international science to success in business on the world stage. Bill was trained as a geologist and received a Master of Science degree from Memorial University. Since moving to the Victoria area in 1994 Bill has been responsible for bringing a locally invented sonar system to the world stage including sales to more than twenty navies and government institutions. As part of the ownership group of an award-winning high tech company, Bill has filled many corporate roles including M&A activities. Bill has a passion for creating and executing sound business plans and a strong belief in Vancouver Island business growth opportunity.

Julio Friedmann is a Senior Research Scholar at the Center on Global Energy Policy at Columbia University SIPA. He is also the CEO of Carbon Wrangler, LLC, is a Distinguished Associate at the Energy Futures Initiative, and serves as a special advisor to the Global CCS Institute and was recently named as a Senior Fellow to the Breakthrough Institute and the Climate Leadership Council. Julio is one of the most widely known and authoritative experts in the U.S. on carbon removal (CO₂ drawdown from the air and oceans), CO₂ conversion and use (carbon-to-value), and carbon capture and sequestration. His expertise includes technology, policy, and operations. In addition to close partnerships with many private companies and NGOs, Julio has worked with the U.S. State Department, the U.S. Environmental Protection Agency, and the U.S. Treasury. He received his Bachelor of Science and Master of Science degrees from the Massachusetts Institute of Technology (MIT), followed by a Ph.D. in Geology at the University of Southern California. He worked for five years as a senior research scientist at ExxonMobil, then as a research scientist at the University of Maryland. He serves as a formal and informal advisor to several clean energy and CarbonTech companies.