

Department of Environmental Science and Policy

Seminar Series

Nature-Based Carbon Removals and Carbon Markets: Challenges and Benefits of Nature-Based Solutions

Valerie Robertson, Senior Associate Director of Economics, Jacobs
Emily Sanders, Sustainability and ESG Consultant, Jacobs

DATE: Thursday, 4/11/24 TIME: 10:30 am (1hr) Location: Virtual
Zoom: <https://miami.zoom.us/j/93932910962?pwd=aFZaeTFCVkJQ5a0xlc2ZjdINydzIGQQT09>
Meeting ID: 939 3291 0962
Passcode: 690217

Abstract: The presentation will focus on nature-based carbon removals and the role they play within the carbon market. We will use examples from the UK and US to discuss the challenges around nature markets, and how nature credits can form part of alternative finance models. We'll look at the wider environmental and social benefits provided by nature-based solutions and how they can be leveraged within our existing/alternative value frameworks.

Bio: Valerie Robertson is a Senior Associate Director of Economics with 16 years of experience and the Sector Lead for environmental economics, specializing in nature finance. She currently acts as technical lead on various economic, natural capital and social value assessments as well as leading on sales, business development, and training in this area. With an academic background in environmental science and climatology, Valerie has also contributed to a number of strategic initiatives and client projects on nature recovery and the climate emergency, including corporate ESG disclosures.

Emily Sanders is a sustainability specialist with a broad range of experience across different market sectors including government and public utilities, transportation, and buildings and infrastructure. Her career began in the United Kingdom where she primarily analyzed project environmental impacts and translated data insights into sustainable solutions. She has worked with government agencies to implement net zero strategies and has supported investigations into natural capital opportunities to better inform land management techniques. Her academic background focused on conducting Lifecycle assessments (LCAs) and quantifying ecosystem services on different land management systems.

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