THE DEPARTMENT OF FORESTRY & NATURAL RESOURCES PRESENTS

SPRING 2024 SEMINAR SERIES

WEDNESDAY MARCH 27, 2024
WSLR 116 2:00PM - 3:00PM

JOIN US FOR A LECTURE AND CONVERSATION WITH

DR. CATHERINE CHAMBERLAIN

Leveraging Natural Climate Solutions through Carbon Markets

Natural Climate Solutions (NCS) provide one of many paths forward towards addressing the adverse effects of climate change on forests and terrestrial ecosystems. By engaging small landowners in the voluntary carbon market through the Family Forest Carbon Program (FFCP), work can begin towards improving forest management practices with climate-smart forestry and towards afforestation, reforestation, and revegetation efforts. I will outline the process for developing climate-smart solutions and shed light on the science behind carbon markets. Under Verra's recently approved VM0045 Methodology for Improved Forest Management and VM0047 Afforestation, Reforestation, and Revegetation, counterfactual scenarios are used to determine carbon additionality. It is critical to adequately evaluate and predict the business-as-usual to project and understand credit yield. This presentation will cover the breadth of FFCP's use of the USDA's Forest Inventory and Analysis data and remote sensing tools to create predictive carbon additionality models and promote financially viable NCS pathways.

Dr. Chamberlain is a Forest Carbon Analyst on the US and Canada Carbon Markets Science Team at The Nature Conservancy

This series aims to stimulate discussion and create opportunities for collaborations. Everyone is welcome to attend.

LOCATED AT 170 S UNIVERSITY STREET, WEST LAFAYETTE, IN 47907

IF YOU ARE INTERESTED IN MEETING WITH DR. CHAMBERLAIN PLEASE CONTACT DR. MORGAN FURZE AT MFURZE@PURDUE.EDU

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