In conjunction with:

Carbon Markets for Soil Carbon Accrual: the State of Play

Wednesday, September 25, 2019; 10:00 – 12:00 EDT
In-person event registration: https://www.ieta.org/event-3476429
Webinar registration: https://attendee.gotowebinar.com/register/7590187553276678412
Background issue paper: http://www.climateactionreserve.org/how/future-protocol-development/issue-papers/

Throughout their history, carbon markets have attempted to incentivize GHG emission reductions and removal enhancements on natural landscapes, largely through the protection and improved management of forests. While dozens of methodologies, protocols, and programs have been created over the years to address other natural landscapes and management activities (with varying levels of success), crediting for soil carbon accrual remains an area of immense opportunity but limited success. However, there are several efforts underway intending to change the status quo. The Climate Action Reserve is organizing this event to identify the barriers to a scalable, standardized approach to soil carbon crediting, and highlight the various programs and approaches that are currently trying to tackle this problem in North America and around the world.

10:00 – 10:15 INTRODUCTION

Max DuBuisson, Policy Director, **Climate Action Reserve**
- Status of soil carbon accrual in carbon markets
- Barriers, challenges, and opportunities

10:15 – 11:00 NEW ADVANCES TO OVERCOME BARRIERS

Dan Kane, Lead Researcher, **Yale University Quick Carbon**
- Low-cost technology for rapid field measurement of soil carbon
- New approaches to using remote sensing for stratification

Bill Salas, President, **Applied Geosolutions, LLC**
- Advances in remote sensing to enable land use monitoring and prediction of soil carbon change over time

Kimberly Cornish, Director, **Food Water Wellness Foundation**
- Development of soil carbon pilot projects in Alberta, Canada
- Use of advanced remote sensing and machine learning to predict soil carbon and reduce sampling intensity

11:00 – 11:30 NEW PROGRAMS & METHODOLOGIES

Aldyen Donnelly, Director of Carbon Economics, **Nori**
- Blockchain-based approach to connecting farmers and credit buyers, using COMET-Farm for quantification

Dan Harburg, Sr. Director of Systems Innovation, **Indigo Ag**
- The Terraton Initiative
- Development of a soil carbon accrual methodology

11:30 – 12:00 GROUP DISCUSSION AND WRAP-UP

Max DuBuisson, Policy Director, **Climate Action Reserve**
- Is there a clear path to a standardized approach that controls costs while limiting uncertainty and ensuring additionality and permanence?
- Are there obvious synergies between these new efforts?
- Can we create a standardized approach that could reasonably be applied across geographies and land uses? Something akin to improved forest management, but for soils?