

Managed Forest Systems**Thursday, May 30****1:00 – 2:00pm ET**

Forest Systems represent a significant opportunity to mitigate greenhouse gas emissions through the sequestration and storage of forest carbon stocks. *Chapter 5: Managed Forest Systems* provides methodologies and guidance on estimating GHG emissions or carbon removals associated with entity-level activities of the forestry sector. USDA Forest Service lead authors Lara Murray and Chris Woodall will provide webinar participants with information on the quantification methods included in the new report, how they've changed since the 2014 report, and insight into the new forest carbon accounting tool the team created that helps guide less experienced users through the process of quantifying forest-stand level carbon fluxes. Dr. Catherine Henry, a special guest from the Forest Service Office of Sustainability and Climate will provide insight into how the USFS plans to use the newly developed forest carbon accounting tool for National Forest Service project planning.

[Register here](#)**Cropland and Grazing Land Systems****Monday, June 3****1:00 – 2:00pm ET**

Croplands include all systems used to produce food, feed, and fiber, in addition to feedstocks for bioenergy production, while grazing lands are systems that are used for livestock production, including rangelands and pasturelands. These lands are an important source of U.S. greenhouse gas emissions and can also be a sink for carbon dioxide. *Chapter 3: Cropland and Grazing Land Systems* enable the creation of farm and ranch scale greenhouse gas inventories, while also providing users with the opportunity to assess changes in emissions that would occur if they adopted more climate-friendly management practices. Dr. Stephen Ogle, lead author of Chapter 3 and a full professor and senior research scientist at Colorado State University will provide a deep dive into the changes made to the cropland and grazing land methods and insight into research and data gaps that will inform future updates. Crystal Toureene, a researcher with Colorado State University and developer of COMET-Farm and COMET-Planner will provide insight into how the updated methods in this chapter will inform changes coming soon to COMET.

[Register here](#)**Animal Production Systems****Tuesday, June 11****1:00 – 2:00pm ET**

Animal production systems include agricultural practices that involve breeding and raising animals for meat, eggs, milk, and other animal products such as leather, wool, fur, and industrial products like glue or oils. Chapter 4 of USDA’s entity-scale methods report provides methodologies and guidance for reporting operation-scale GHG emissions associated with the breeding and housing of animals, and the management of their manure. USDA-ARS lead author Dr. April Leytem and Washington State University Professor Kris Johnson will provide a comprehensive overview of the quantification methods included in this chapter, how those methods have changed in the 2nd edition of the report, and avenues to fill research and data gaps associated with quantifying GHG emissions from animal production systems. Crystal Toureene, a COMET developer and researcher at Colorado State University will join us to discuss how updates in the 2024 entity-scale methods report will be reflected in updates to the COMET-Farm livestock module.

[Register here](#)

Questions? Contact us at sm.oce.methodsreport@usda.gov