

COMET QUARTERLY

COMET-Farm Newsletter



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By: Haley Nagle, Outreach & Education Specialist

What's inside

COMET-Team Spotlight

A Word from COMET-Users

In the News

Upcoming Trainings



COMET-FARM TEAM SPOTLIGHT



Sobha Ariappillil Velayudhan

As a research associate with substantial programming experience, Sobha serves as an essential member of the team working to develop the necessary code to support the platform and implement new COMET features such as the Animal Ag multi-year accounting.



Haley Nagle

With extensive education knowledge, Haley works to create COMET help tools to enhance the user experience with the COMET-Tools. Haley's inaugural task with the COMET-Team was to develop the help-desk ticketing system found in the **Need Help?** widget in COMET-Farm.



A WORD FROM COMET-USERS

American Farmland Trust used the COMET-Farm Tool to analyze the greenhouse gas reduction benefits associated with nine "soil health successful" farmers in California, Illinois, Ohio, and New York. AFT produced a two-page, easy-to-read, and compelling Soil Health Economic and Environmental Case Studies featuring farmers who are demonstrating that soil health practices are great for the environment and the bottom line! To be considered a "soil health successful farmer," AFT identified

producers with four or more years of successful implementation of one or more soil health practices. For the seven row-crop farmers AFT worked with, most had adopted a combination of no-till or strip till, cover crops, and nutrient management. For the two almond growers, the soil health practices were conservation cover, nutrient management, mulching, and composting. AFT used COMET-Farm to compare each farmer's annual management activities on a representative field before implementation of the practices with the changes they made during adoption and use of the soil health practices. Since AFT was conducting a retrospective analysis, the COMET-Farm staff offered AFT the use of a relatively new feature—to export the data and GHG analysis into a spreadsheet. In Excel, AFT did further analysis to estimate the percent change in GHG emissions due to the implemented practices. AFT could not have completed these GHG impact evaluations without the training, guidance, and review services provided by the following COMET-Farm staff: Mark Easter, Haley Nagle, and Matt Stermer.

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American Farmland Trust



"Why Regenerative Fiber Systems Are Rooted in Relationships with Place, with A-dae Romero-Briones"

At the close of National Native American Heritage Month, A-dae dives into Indigenous land stewardship and relationships between people and place.

[LISTEN](#)



"A Guide to Water Quality, Climate, Social, and Economic Outcomes Estimation Tools"

American Farmland Trust prepared a working guide to assist planners in choosing estimation tools in their "outcomes quantification journey."

[READ MORE](#)



There's an ecosystem beneath your feet—and it needs protection"

December 5th was World Soil Day. Check out this quick read and discover how tiny ecosystem engineers beneath our feet help to shape the world we know today.

[READ MORE](#)

Upcoming Trainings

Check out the COMET-Farm Training Calendar for Date & Times

- **February 19th:** COMET-Farm Hands-On Virtual Training Workshop for Cool-Season Vegetable Crop Production
 - *For more information on this training, check out the COMET-Tools social media in the new year*



[Training Calendar](#)

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