



VTeen 4-H Science Pathways Cafes



TEEN SCIENCE CAFÉ
NETWORK

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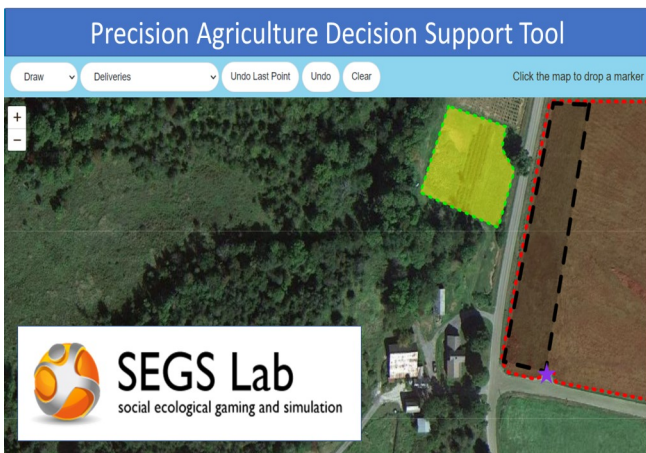
Precision Agriculture & Social Ecological Gaming and Simulation

Tuesday, January 24, 2023, 7:00-8:00 pm

Open to all youth entering grades 7-12 in VT and across the country!

Register by 1/24 @ 12 noon to receive the Zoom link

www.uvm.edu/extension/youth/announcements



Learn with Scott Merrill and the Social Ecological Gaming and Simulation (SEGS) laboratory team about precision agriculture and how new computer tools, such as serious games and three-dimensional mapping, can be used to provide decision support for farmers and the community. We will introduce the tools to showcase how SEGS is helping farmers develop innovative techniques and discuss the exceptional promise of precision agriculture and how different farm management designs will help improve yield and reduce negative impacts on our environment. We will

discuss how SEGS lab researchers are studying human behavior and helping to make social-ecological systems more resilient and equitable.

ABOUT OUR SPEAKER

Scott Merrill is a Research Associate Professor in the Department of Plant and Soil Science, a Gund Fellow at the Gund Institute for Environment and the Managing Director of the Social Ecological Gaming and Simulation (SEGS) laboratory. As a quantitative systems ecologist his research spans a wide range of both natural ecosystems and social-ecological systems. Current work includes developing tools for precision agriculture, flood hazard mitigation, food security, animal health and climate change.

What is a Virtual Teen Science Café? It is a free, fun way for teens to explore science, engineering and technology with local scientists, engineers and technology experts. Teens will “meet a scientist”, learn about their work, and be able to participate in informal discussions.

Questions? Contact lauren.traister@uvm.edu

To request a disability-related accommodation to participate in this program, please contact the 4-H Office at 802-888-4972 or lauren.traister@uvm.edu by January 3, 2023 so we may assist you.

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