

Visualizing a Highly-Coordinated, Transdisciplinary Team for Precision Sustainable Agriculture

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CDOWTU	BROADLEAF	GRA33	GRASS	FES 4000
				Explore the management, environmental, economic, and social considerations of integrating cover crops across a diversity of agricultural production systems. Grow cover crops, measure benefits and tradeoffs, and apply knowledge to make management and policy recommendations. This course will include a weekly mix of pre-recorded lectures, synchronous meetings of faculty and students across multiple states through virtual exchange, and experiential lab- and field-based activities.
				Join faculty and students from across the country to learn how cover crops perform diornershing climates and agreecosystems. Other participating universities include: • Concell University • Michigan State University • University of Maryland • University of New Hampshire

Concluding Thoughts:

Furthering cover crop adoption requires *developing scientific knowledge in tandem with societal solutions* to support farmers in managing cover crops to maximize both short- and long-term benefits.

The future of sustainable agriculture requires:

(a) highly-coordinated teams committed to practicing transdisciplinarity — the key characteristics are openness, translation, and co-creation

(b) co-designed, values-driven, open-source technologies that mediate coordination and collaboration across complex networks

(c) partnerships in service to the public good.

References:

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Acknowledgements:

University of Georgia, Sustainable Food Systems Initiative, Dept of Crop & Soil Sciences

Transdisciplinary Lab, D-USYS, ETH-Zürich

This work is supported by the Agriculture and Food Research Initiative's Sustainable Agricultural Systems Coordinated Agricultural Projects [award no. 2019-68012-29818] from the United States Department of Agriculture (USDA) National Institute of Food and Agriculture.







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