

State Climate Office of Ohio: Stewarding Weather and Climate Data in Service of All Ohioans



Ohio State Colleges/Units Involved

Arts and Sciences – Geography
Byrd Polar and Climate Research Center
College of Food, Agricultural and Environmental Sciences
OSU Extension
Office of Energy and Environment
Office of Outreach and Engagement

Community Partners Involved

weatherUSA, LLC

Purpose

Meteorological and climatological data is publically available, but often neither tailored to the needs of public and private stakeholders nor available for effective use on an intuitive and applicable platform for homeowners, resource managers, agricultural producers, and policy makers. As data stewards, the State Climate Office of Ohio aims to connect Ohioans with weather and climate information necessary to improve lives. This mission is exemplified with the “FARM” web application, initiated with a Connect & Collaborate grant.

Impact

Development of a multi-platform prototype “FARM” (Fertilizer Application and Resource Monitor) mobile and web application and climate database to serve farmers in the Western Lake Erie Basin.

Creation of a webpage and robust database of historical weather and climate information to guide farmer compliance decisions concerning fertilizer and manure application.

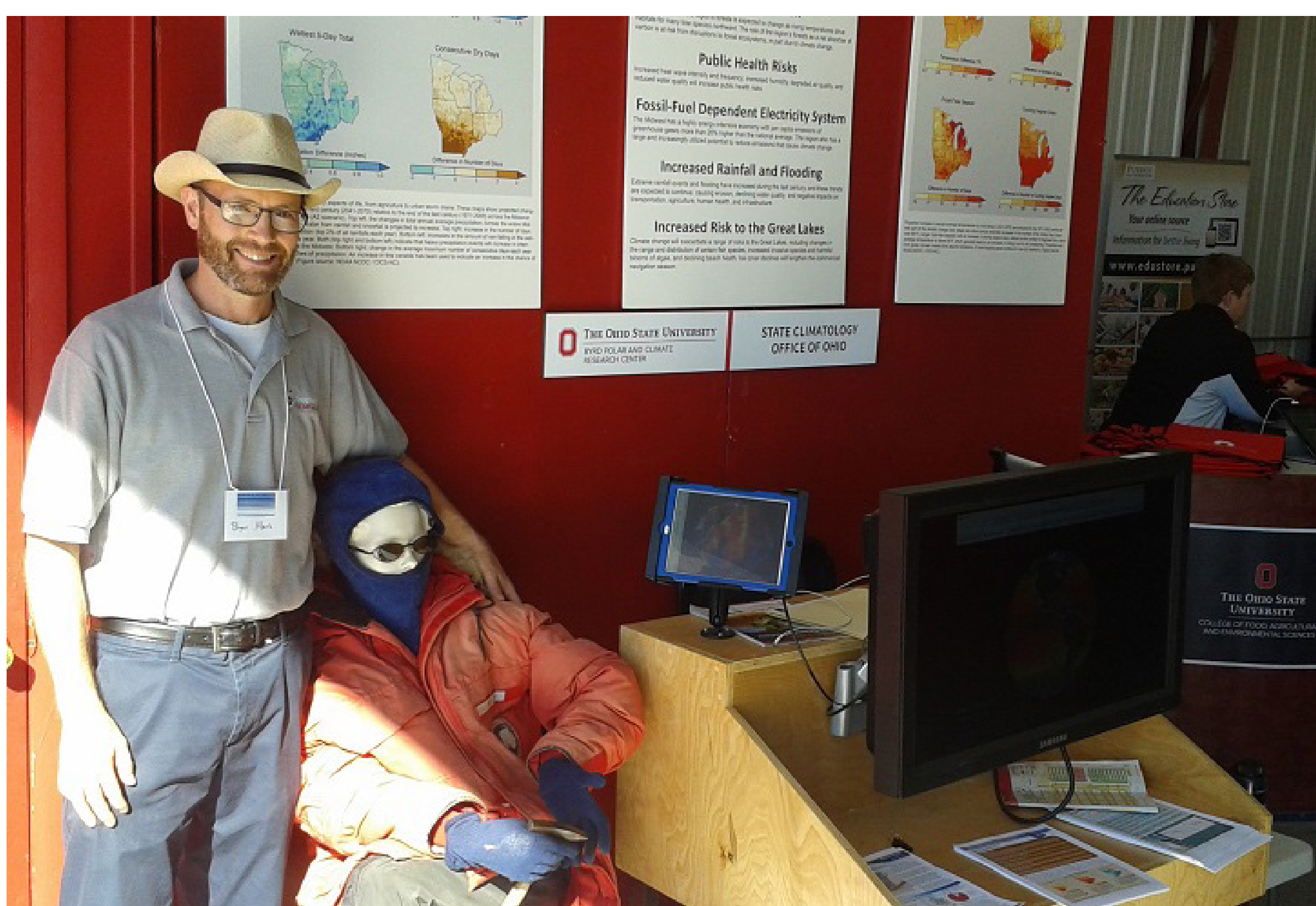
Forging a multidisciplinary consortium at OSU and in the Midwest region to foster integrated science research and assessment to inform resource management and public policy.

How you can get involved:

- Become a CoCoRaHS observer.
- Participate in regional consortium.
- Identify climate data needs and forwards us a message at mark.9@osu.edu.
- Funding to support students (e.g. internships). BPCRC State Climatology Office of Ohio (SCOO) Fund (315327).

To get involved, contact:

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THE OHIO STATE UNIVERSITY