



Social Science Woven into Meteorology (SSWIM) WEAVING SOCIAL SCIENCE INTO WEATHER AND CLIMATE RESEARCH AND PRACTICE

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The **Social Science Woven into Meteorology (SSWIM)** initiative at the National Weather Center weaves **social science** concepts and methodologies into the fabric of **weather** and **climate** applications.

SSWIM considers complex problems at the intersection of **weather**, **climate**, and **society**. We address challenges and opportunities including, but not limited to, improving forecasts and warnings, reducing social vulnerability to natural hazards, and understanding community and cultural adaptations to weather extremes, climate variations, and climate change.

SSWIM's objectives are innovative research and capacity building through

- Increasing the appreciation of the value of qualitative as well as quantitative approaches including archival, ethnographic, statistical, and participatory methods
- Partnering with public, private, and academic sectors, including students, practitioners, and policymakers across the spectrum of stakeholders

VISION	MISSION
We lead efforts to creatively and sustainably weave social science concepts and methodologies into the fabric of weather and climate research and practice through academic and professional activities locally, nationally, and globally.	We promote collaborative research and partnerships between the social sciences and meteorology, climatology, and hydrology that enhance societal relevance and reduce risks from atmospheric and related hazards.

SSWIM facilitates a **paradigm shift** from conventional disciplinary perspectives to new integrated ways of knowing and communicating about **weather** and **climate** that

- Integrates seamless end-to-end relationships in weather and climate applications
- Serves as a sustainable social science program for the National Weather Center and the National Oceanic and Atmospheric Administration
- Cultivates a cadre of PhD students and graduates from diverse disciplines
- Provides grassroots social science education to weather and climate professionals
- Brings together researchers and practitioners working along the continuum from weather to climate

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