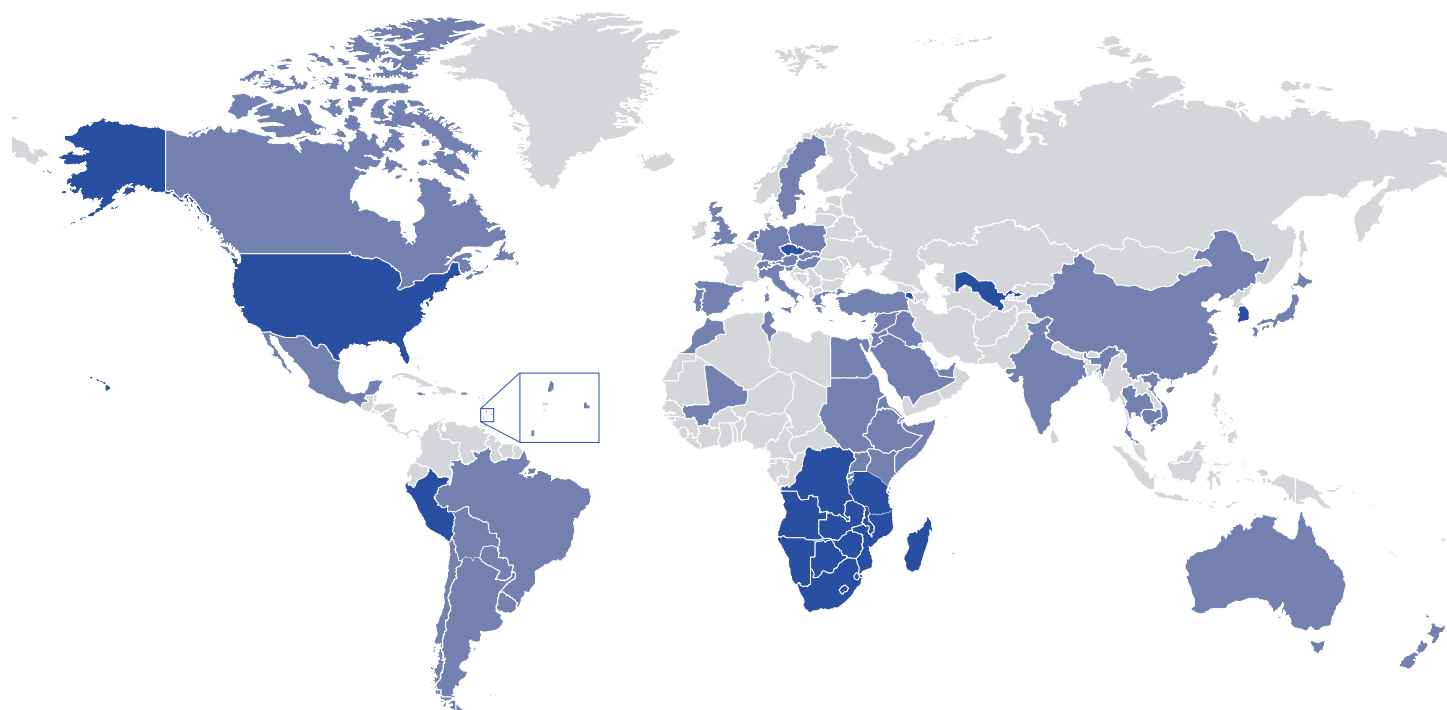


Where we worked

2023



NATIONAL DROUGHT MITIGATION CENTER
UNIVERSITY OF NEBRASKA



■ 2023 countries ■ Previous countries

Global

To highlight global drought impacts and the need for related programs, the NDMC authored a policy brief on drought impacts for the United Nations Convention to Combat Desertification. “The Cascading and Compounding Impacts of Drought” was released at the 2023 UN Climate Change Conference, COP 28, in Dubai in December from Nov. 13–17, 2023, held in Samarkand, Uzbekistan. They presented a session on the Global Impacts of Drought.



Southern Africa

The NDMC and World Bank worked together to develop Composite Drought Indicators and facilitate country-level processes to increase in-house capacity, in several countries and regions. Most recently, the team wrapped up work creating the foundation for a region-wide composite drought indicator for southern Africa.

Uzbekistan

The NDMC Drought Impacts Researcher Kelly Smith, NDMC Director Mark Svoboda and University of Nebraska Medical Center Professor of Water, Climate and Health Jesse Bell attended the United Nations Convention to Combat Desertification from Nov. 13–17, 2023, held in Samarkand, Uzbekistan. They presented a session on the Global Impacts of Drought.

Peru

The NDMC conducted a workshop in Peru to develop a Composite Drought Index with the Peru Ministry of Agricultural Development and Irrigation and the National Service of Meteorology and Hydrology of Peru.

Czech Republic

The NDMC is in ongoing communication to share knowledge with a team of climatologists at Mendel University in Brno, Czech Republic, as they develop and refine a drought early warning system for monitoring and forecasting agricultural drought and impacts.

South Korea

The NDMC worked with Hankyong National University in South Korea. A delegation from HNU visited the NDMC in 2023 to discuss flash drought, student projects and the development of a drought early warning system for South Korea.

United States

The NDMC continues to work with agencies, local governments and individuals at every level on drought monitoring, response, preparedness and planning in the U.S. The Oregon Water Resources Department contracted with the NDMC and academic centers in Oregon to conduct a drought vulnerability assessment in 2023. The NDMC focused on risks to agriculture, drinking water and water-related recreation.

Published in January 2023, the Iowa Drought Plan provides comprehensive state-specific guidance on what to do before, during and after drought events. The NDMC provided background on other states' drought plans that allowed Iowa partners to adapt key components to the state's unique needs.

We partnered with the USDA Regional Climate Hubs to develop workshops and develop new drought tools across almost every region. We're working with tribal governments, agricultural producers and climate service providers in the Southwest on climate-smart strategies for Indigenous farmers and drought resilience knowledge sharing. We're providing guidance on the National Climate Assessment for the Northern Great Plains Region, and we continue to be supported by the USDA Office of the Chief Economist to enhance the capabilities of the U.S. Drought Monitor.

More @

drought.unl.edu/OurWork/International.aspx