



Presenter

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Increasing Capacity for Drought and Fire Weather Monitoring Across the Southeast

The State Climate Office of North Carolina has developed several resources and tools to assist decision makers who monitor and assess drought conditions. The *Integrated Water Portal* (available at <http://climate.ncsu.edu/water/map/>) provides surface and groundwater observations, drought information, and experimental reservoir forecasts. The tool brings together water data from several agencies into a mapping format that allows users to quickly explore regional and local water conditions.

First developed by the NC State Climate Office to assist foresters and landowners in North Carolina, the *Fire Weather Intelligence Portal* (accessible at <https://climate.ncsu.edu/fwip/>) was recently expanded to cover the entire Southeast U.S. The Portal offers real-time and forecasted weather and fire risk information as guidance for routine monitoring, planning, and analysis of environmental conditions associated with increased fire danger. As a demonstration of the Portal's capabilities, this presentation will provide an overview of key features and datasets using examples of typical user decision points and interactions, such as surveying current and forecasted conditions to plan a prescribed burn.