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Forest Threat Facts

Template for Assessing Climate Change Impacts and Management Options (TACCIMO)

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The *Template for Assessing Climate Change Impacts and Management Options (TACCIMO)* is a web-based assessment and reporting system designed to integrate the most current climate change science with forest planning. TACCIMO—a collaborative effort between the USDA Forest Service **Eastern Forest Environmental Threat Assessment Center** researchers and Southern Region planners and land managers—offers information and tools to inform public and private natural resource management decisions in a changing climate.



TACCIMO's suite of tools includes the ability to explore content and geospatial information and create science and planning reports. Collectively, the tools provide users condensed, concise, and credible access to existing and emerging climate change science.

TACCIMO offers a suite of tools and resources for an interactive, customizable experience.

TACCIMO utilizes a database of climate change forecasts, factors impacting ecosystems, and management options to generate customized reports that aid with forest planning and management. Users can choose issues of interest including biodiversity, natural disturbances, forest



TACCIMO provides the best available climate change science in a format relevant to forest planners internal and external to the Forest Service.

pests, prescribed fire, forestland conversion, recreation, silvicultural treatments, wildfire, and temperature and precipitation variability. Based on user-defined selections, TACCIMO highlights both direct and indirect effects of climate change and helps identify possible management options for lessening climate change impacts in targeted U.S. geographic regions.

TACCIMO also allows the user to explore climate projections and other geospatial information through an integrated mapping tool. The TACCIMO experience culminates in an exportable report documenting both climate change science and forecasts

(mapping and figures) selected by the user. Collectively, TACCIMO's tools and resources provide users with condensed, concise, and credible access to existing and emerging climate change science.

TACCIMO delivers current, relevant information to a range of users.

TACCIMO users can generate reports, create maps, and explore peer-reviewed climate change science based on individual information and documentation needs. A variety of users, including Federal and State agencies, non-governmental organizations, and private landowners, can use TACCIMO for a standardized, comprehensive, and synthesis-based approach for engaging emerging climate change science during land management and planning activities.



TACCIMO highlights both direct and indirect effects of climate change -- including biodiversity, natural disturbances, and wildfire -- and helps identify possible mitigating management options.

For Federal land managers and Forest Service planners in particular, TACCIMO helps deliver the best available science which fits within the National Environmental Policy Act (NEPA) process applied to land management plan revision, environmental assessments, environmental impact statements, and identification of reasonable alternatives. TACCIMO will be updated regularly as

new knowledge and science emerge and information needs change.

TACCIMO training and assistance are available.

In addition to a detailed user guide, TACCIMO provides quick start guides with basic instructions for navigating the tools and resources, generating reports, and using its geospatial explorer feature.



Demonstration and training webinars help land managers and planners effectively use TACCIMO's web-based tools and create customized reports.

For Additional Information

To request demonstration and training sessions, please contact **Steve McNulty** at steve_mcnulty@ncsu.edu or (919) 515-9489 or **Emrys Treasure** at etreasure@fs.fed.us or (919) 515-9490.

Visit <http://www.forestthreats.org/tools/taccimo> to learn more and begin exploring TACCIMO.

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