



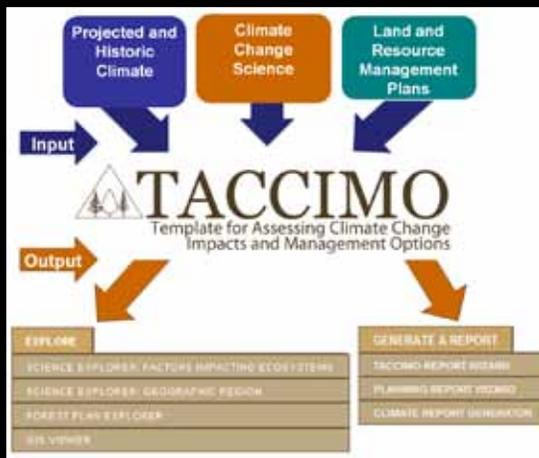
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Forest Threat Facts

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 tool that substantively connects climate change science and forest planning information.



TACCIMO is an award-winning tool that provides the best available climate change science in a format relevant to forest planners internal and external to the Forest Service.

TACCIMO—a collaborative effort among the USDA Forest Service Eastern Forest and Western Wildland Environmental Threat Assessment Centers’ researchers and Southern and Eastern Region planners and land managers—offers access to concise, credible, reproducible climate change science and tools for public and private natural resource management decision support in a changing climate.

TACCIMO contains web-based tools for quickly developing climate impact assessments

TACCIMO utilizes a database of climate change forecasts, direct ecosystem impacts, and management options to generate customized reports that aid with forest planning and management. Users can choose issues of interest such as biodiversity, forest pests, forestland conversion, natural disturbances, precipitation and temperature variability, prescribed fire, recreation, silvicultural treatments, and wildfire. Based on user-defined selections, TACCIMO links direct and indirect effects of climate change with possible management options for lessening climate change impacts in targeted U.S. geographic regions.



Connecting planning with emerging climate change science will enable planners and managers to effectively assess current management capabilities, reconcile management with scientific findings, and develop new management approaches to ensure the sustainability of forest resources.



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

TACCIMO also allows users to explore future climate projections and related geospatial information through an integrated mapping tool. The TACCIMO experience culminates in an exportable report that documents climate change science and climate forecasts (including maps and figures) and provides interpretive guidance. Collectively, TACCIMO's tools and resources enable users to keep pace with, and accurately consider, climate change in natural resource management activities.

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 land management and planning activities. For Federal land managers and Forest Service planners in particular, TACCIMO helps deliver science that fits within the National Environmental Policy Act (NEPA) process.

TACCIMO can be used for land management plan revision, environmental assessments, environmental impact statements, and identification of reasonable alternatives. TACCIMO databases and literature are

continually updated and expanded as new knowledge and science emerge and information needs change.

TACCIMO includes resources for training and assistance

In addition to a detailed user guide, TACCIMO provides case studies; quick start guides with basic instructions for navigating the tools and resources, generating reports and using its mapping tool; and demonstration and training sessions to help land managers and planners effectively use TACCIMO's tools and create custom reports.



TACCIMO provides mapping resources that enable access to temperature and precipitation projections from a range of climate models and scenarios. Custom tools enable quick comparison of projects and identification of the range of projected climate conditions.

For Additional Information

Please contact **Steve McNulty** (principal investigator) at smcnulty@fs.fed.us or (919) 515-9489 or **Emrys Treasure** (project coordinator) at etresure@fs.fed.us or (919) 515-9490 to schedule an online training session. For information pertaining to the application of TACCIMO in forest planning and management, please contact **David Meriwether** (Southern Region Ecosystem Management Coordinator) at dmeriwether@fs.fed.us or (404) 347-4663.

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

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