

**SEMINAR ANNOUNCEMENT** FEBRUARY 13, 12:15-1:00PM ET

# Climate is changing the rules of ecosystem management: TACCIMO is changing our approach...



The impacts of climate change are increasingly complicating ecosystem management and planning. Land managers are struggling to keep pace to address growing droughts, wildfires, flooding, insect outbreaks, and catastrophic weather disturbances, and to fulfill agency mandates for proactive planning. Increasingly, the land manager is forced into the conundrum of “Cheap, fast, and accurate: Which two do you want?” TACCIMO is being developed to address this challenge. TACCIMO (*Template for Assessing Climate Change Impacts and Management Options*) is a simple to use, web-based tool that provides the information foundation required to rapidly assess the effects of climate change and adaptive management options for ecosystems across the conterminous US (also includes Caribbean and Alaska). TACCIMO draws on a constantly growing database of over 1,000 peer reviewed scientific publications to assess thousands of possible effects and management options that are location specific. Once the location and topics of interest are selected, TACCIMO searches its extensive database and generates reports that include maps, climate projections, specific effects, and management options with citations. The seminar will provide a brief overview of TACCIMO and proceed with a live demonstration resulting in a state-of-the-science report within minutes, not months.



**PRESENTED BY DR. STEVE McNULTY**  
**USDA Forest Service Landscape Ecologist and Team Leader**  
**Eastern Forest Environmental Threat Assessment Center: Raleigh, NC**

Dr. McNulty has over 25 years of experience in assessing global change impacts on ecosystems at the landscape to continental scale. He has chaired and served on many national and international assessments on climate change impacts, and was a United States Congressional Fellow during the 104<sup>th</sup> US Congress. Dr. McNulty has published over 150 papers on environmental stress impacts on ecosystem health, and is the recipient of the USDA Forest Service Distinguished Scientist Award.

### **ABOUT THE TACCIMO TEAM:**

TACCIMO was initiated in 2009 as a collaboration between the USDA Forest Service Southern Region (Region 8) and the USDA Forest Service Eastern Forest Environmental Threat Assessment Center. Since then the TACCIMO Team has expanded to include the USDA Forest Service Western Wildland Environmental Threat Assessment Center and the Pacific Southwest Region (Region 5). TACCIMO is also supported by and supports an extensive network of partners focused on technology development and application support, including: The Nature Conservancy’s Climate Wizard, EcoAdapt, GeosInstitute, Arthur Carhartt National Wilderness Training Center, Fish and Wildlife Service (including LCCs), National Park Service, International Institute of Tropical Forestry, Southern Region Extension Forestry, the Association of Natural Resource Extension Professionals, USDA Forest Service Climate Change Resource Center, and state Forest Service Agencies.

### **TACCIMO team members have received numerous Forest Service awards including:**

- Southern Regional Forester’s Award for Technology Transfer
- Research and Development Outstanding Research Awards (multiple)
- Deputy Chief’s Distinguished Science Award

### **SEMINAR ACCESS: February 13, 12:15-1:00pm Eastern Time**

In Person: USDA Forest Service, Rosslyn Plaza Building E - Room 604, 1621 North Kent Street, Arlington, VA 22209

Remote Access will be provided through the Microsoft LiveMeeting Webinar Service:

Link to visual: <https://www.livemeeting.com/cc/usda/join?id=TACCIMO&role=attend&pw=ClimateChange2>

Audio conferencing: 1 (888) 858-2144 Passcode: 2181489#