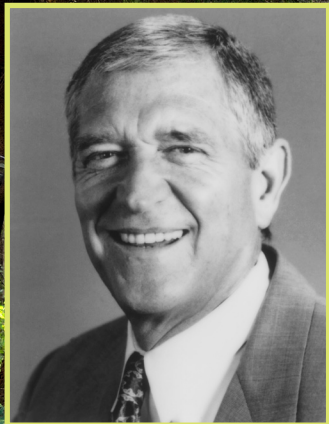




United States Department of Agriculture

1915–2015

100 Years of Forest Service Research & Development



**Jerry A. Sesco**  
Deputy Chief,  
Research & Development  
1989–1997



Pictured:  
Forest  
Service  
R&D  
at work.

1915 1925 1935 1945 1955 1965 1975 1985 1995 2005 2015



Forest Service  
May 2016

Caring for the land and serving people

## Research & Development MILESTONES

- Forest Service Research and Development produced “Strategy for the 90s,” a strategic plan that focused Research and Development efforts on understanding ecosystems, understanding people and natural resource relationships, and understanding and expanding resource options.
- In 1990, Sesco unveiled a new Global Change Priority Research Program dedicated to understanding the effects of climate change and air pollution on the Nation’s forests. This research program was a part of the U.S. Global Change Research Program, used an ecosystem approach, and included long-term monitoring and ecosystem modeling to study effects of the atmosphere on forests and forests on the atmosphere.
- In 1993, Sesco named Barbara Weber the Director of the Pacific Southwest Research Station, the first woman to hold a station directorship. Weber would later become a Research and Development Associate Deputy Chief under Deputy Chief Robert Lewis.
- Under Sesco’s leadership, Forest Service Research and Development increased collaboration with the National Forest System to improve ecosystem and landscape management.
- In 1996, the Urban Forestry Effects Model was developed at the Northeastern Forest Experiment Station (now the Northern Research Station). The software was released in 2006 as i-Tree. i-Tree is now used internationally to analyze and assess the benefits of urban forests.



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