Fence to Exclude Deer Improves Forest Growth

July 17, 2018
Welcome and Introduction

DR. GAIL TOMIMATSU
NCFAR REPRESENTATIVE

Distinguished Speakers

SUSAN STEIN
DIRECTOR, NATIONAL AGROFORESTRY CENTER
U.S. FOREST SERVICE, USDA

&

SUSAN STOUT, PH.D.
RESEARCH FORESTER EMERITA
U.S. FOREST SERVICE
NORTHERN RESEARCH STATION, PENNSYLVANIA

Open Forum

Closing

DR. GAIL TOMIMATSU

NCFAR IS a nonprofit, nonpartisan, consensus-based and customer-led coalition that brings food, agriculture, nutrition, conservation and natural resource stakeholders together with the food and agriculture research and extension community, serving as a forum and a unified voice in support of sustaining and increasing public investment at the national level in food and agricultural research, extension, and education.
ABSTRACT
When managers and scientists build a community based on manager-identified problems that require research to solve, they can “co-produce” knowledge that works better for everyone. Initiated in 1967, “SILVAH” started as a manager-scientist partnership to address a regional forest regeneration crisis affecting productivity of public and private forests in Pennsylvania and beyond. When trees were harvested, open weedy fields replaced forest cover, thus leading to a shortage of trees so essential to timber production, wildlife habitat, water quality and other public needs. Results of this collaboration have included 1) a coordinated, systematic approach to inventory, analysis, and management of hardwood forests; 2) a computer tool used by managers across six states (on public and commercial forests) to make forest management decisions; and 3) the training of more than 2,500 public and private forest. Dr. Stout’s presentation highlights lessons learned that could inform broader efforts to develop science-management partnerships to address critical issues affecting agriculture and national resources. What are the underlying patterns? What can we learn from managers and scientists working collaboratively to ensure that management decisions are rooted in science? How can this kind of partnership improve agriculture and natural resources decision-making across other ecosystems?

SPEAKER BIOGRAPHY
Susan Stout, Ph.D. worked as a research forester from 1981 to 2018 with the U.S. Forest Service Research Project located in Warren, PA. In 1991, she was named Project Leader there, where she oversaw researchers in Delaware, OH, Burlington, VT, Durham, NH and two experimental forests. Her career convinced her that research-management collaboration improves both research and practice and illuminated ways to transfer research results to users in ways that increase adoption. Her research personal research included natural regeneration and the interactions of deer, people, and forests.
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