

**Forest Service Manual  
National Headquarters - Washington Office  
Washington, DC**

**Forest Service Manual 1300 – Management  
Chapter 1320 - Technology Transfer**

**Amendment:** 1300-1990-1

**Effective date:** June 01, 1990

**Duration:** This amendment is effective until superseded or removed.

**Superseded Directive:** (Entire title except ID's) 1300--1 thru 1393; 62, 3/78; 76, 9/84; 77, 11/84; 78, 1/85; 79, 4/85; 80, 6/85; 82, 9/85; 83, 9/85; 84, 12/85; 86, 3/86; 88, 8/87; 91, 5/89; 92, 7/89; 93, 10/89; 94, 3/1/90

**Approved by:** F. Dale Robertson, Chief

**Date approved:**

**Responsible Staff:**

**Explanation of changes:**

**1300** - Please read the new posting notice carefully. These directions apply to this transmittal only.

Entire text, except ID's, is replaced. New text corresponds with text located in the National Information Center.

The electronic document names are shown above for ease in accessing them from the National Information Center.

Direction has not been changed. Some minor typographical and technical errors were corrected.

Amendment numbers and dates noted above are listed for historical purposes only.

All subsequent amendments will be issued by document.

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### **1320.1 - Authority**

The authorities for technology transfer are:

1. The Technology Innovation Act of 1980 (94 Stat. 2311; 15 U.S.C. 3701) supports domestic technology transfer and utilization of science and technology resources of the Federal government. It requires that the Federal Government ensure the full use of the results of the National's Federal investment in research and development and transfer federally owned or originated technology to State and local governments and to the private sector.
2. The Federal Technology Transfer Act of 1986 (15 U.S.C. 3711-3714) authorizes Federal agencies to enter into cooperative research and development agreements with other Federal agencies, state, and local governments, industrial organizations, public and private foundations, and other persons. It provides for technology transfer agreements, provides employee incentives, and establishes a Federal Laboratory Consortium for Technology Transfer. It requires each agency to report annually to the Congress on technology transfer accomplishments as part of the agency's Federal budget submission.
3. Executive Order 12591, Facilitating Access to Science and Technology, April 10, 1987 calls for collaboration with the private sector by Federal agencies and commercialization of Federal technologies.

### **1320.2 - Objectives**

1. To apply the most appropriate knowledge and technology in the management and utilization of the Nation's forests and associated rangelands.
2. To participate, where appropriate, in programs designed to facilitate or stimulate the transfer and utilization of Federally owned or originated technology to State and local governments and to the private sector.

### **1320.3 - Policy**

1. The Forest Service technology transfer program shall serve the forestry community at large, including Federal agencies, academia, state and local government, industry, and the private sector, and shall match knowledge and technology needed by the Forest Service and the larger forestry community with knowledge and technology that exists within the Forest Service and the larger forestry community.
2. The transfer and the application of current knowledge and technology is a function of all deputy areas, organizational levels, and employees of the Forest Service.
3. Developers and users shall jointly plan for and implement the transfer of new knowledge and technology.

4. Representatives of the Forest Service shall participate as active members at the national and regional levels of the Federal Laboratory Consortium.

#### **1320.4 - Responsibility**

##### **1320.41 - Deputy Chief, State and Private Forestry**

It is the responsibility of the Deputy Chief to:

1. Provide policy recommendations to the Chief on the Forest Service technology transfer program.
2. Summarize and report annually on technology transfer accomplishments to Congress through the annual budget submissions.
3. Coordinate and facilitate a national technology transfer program.
4. Coordinate internal and external technology transfer activities and liaison with the Department and other Government Agencies.
5. Appoint the Forest Service representative to the Federal Laboratory Consortium for Technology Transfer.

##### **1320.42 - Technology Transfer Council**

The Council, comprised of an Associate Deputy Chief from each Deputy Area, reviews, coordinates, and recommends technology transfer policies to the Deputy Chief, State and Private Forestry. The Council also screens nominations for the Chief's Technology Transfer Award and makes recommendations to Chief and Staff for final selection. The Associate Deputy Chief for State and Private Forestry chairs the Technology Transfer Council.

##### **1320.43 - Staff Directors, Washington Office**

It is the responsibility of each Staff Directors to:

1. Identify national initiatives for the transfer of technologies.
2. Establish procedures and overall direction for national technology transfer in their areas of expertise.

##### **1320.44 - Regional Foresters, Station Directors, Area Director and Technology and Development Center Managers**

It is the responsibility of Regional Foresters, Station Directors, the Area Director, and Technology and Development Center Managers to:

1. Develop, budget, and implement plans for the transfer of technologies.
2. Enter into cooperative technology transfer agreements on behalf of the Forest Service in accordance with FSM 1580 and FSH 1509.11, Grants and Agreements Handbook, chapter 90.
3. Ensure the inclusion of technology transfer responsibilities within all performance, panel, and grade evaluations and all job descriptions of scientists and engineers, and to consider including such responsibilities in other job descriptions.
4. Identify, reward, and provide incentives to those that do meritorious and high quality innovation and technology transfer work.
5. Designate Regional, Station, and Area technology transfer coordinators.
6. Summarize and report on annual technology transfer accomplishments to the Deputy Chief, State and Private Forestry.

Regional Foresters, Station Directors, and the Area Director shall coordinate in the designation of one Forest Service representative to each Federal Laboratory Consortium Region.

#### **1320.44a - Engineering Detached Units**

It is the responsibility of the Technology and Development Center Managers, Geometronics Service Center Manager, and Nationwide Forestry Applications Program Manager to:

1. Develop, budget, and implement plans for the transfer of technologies.
2. Enter into cooperative technology transfer agreements on behalf of the Forest Service in accordance with FSM 1580 and FSH 1509.11, Grants and Agreements Handbook, chapter 90.
3. Ensure the inclusion of technology transfer responsibilities within all performance, panel, and grade evaluations and all job descriptions of scientists and engineers, and to consider including such responsibilities in other job descriptions.
4. Identify, reward, and provide incentives to those that do meritorious and high quality innovation and technology transfer work.
5. Summarize and report on annual technology transfer accomplishments to the Deputy Chief, State and Private Forestry.

#### **1320.44b - Regional, Station, and Area Coordinators**

Technology Transfer coordinators have the responsibility within these respective units to:

1. Identify technology application opportunities both internal and external to the Forest Service.
2. Facilitate the joint development and execution of technology transfer plans by users and developers of new technology.
3. Provide leadership and training in innovation techniques and technology transfer methods.
4. Report to Regional Foresters, Station Directors, and the Area Director on technology needs, technology being used and problems resulting from or impeding its application.

#### **1321 - Report**

Regions, Stations, and the Area shall provide the Deputy Chief, State and Private, with a progress report, FS-1300-W, Evaluation of Technology Transfer Activities, each October 1 for the fiscal year just ended. This report, in narrative form, should cover items such as: how technology transfer is being managed; uses made of new technologies; any problems encountered in transferring technologies; and identification of major transfer projects for the next fiscal year.

#### **1322 - Research and Technology Transfer Planning and Coordination (Reserved)**