

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

**Forest Service Manual 4000 – Research and Development  
Chapter 4030 – Policies**

**Amendment:** 4000-2005-2

**Effective date:** November 04, 2005

**Duration:** This amendment is effective until superseded or removed.

**Superseded Directive:** 4030 (Amendment 4000-90-1, 06/01/1990)

**Approved by:** Ann Bartuska, Deputy Chief

**Date approved:** October 28, 2005

**Responsible Staff:**

**Explanation of changes:** Following is an explanation of the changes throughout the directive by section.

**4030:** Makes editorial changes throughout the chapter, as appropriate, by revising the term “Research” to “Research and Development” to describe the full range of activities of the Deputy Area.

To achieve its Research and Development (R&D) program objectives, the Forest Service shall:

1. Maintain the R&D function as a separate entity under the Deputy Chief for R&D.
2. Conduct or support R&D only in research work units and programs that have been approved by a Station Director, except as authorized by the Deputy Chief for R&D.
3. Maintain effective relationships between the R&D and other programs of the Forest Service, public agencies, cooperating forestry schools and other academic units, private organizations, individuals, and international organizations interested in forest, range, and grassland R&D.
4. Recruit, train, maintain, and advance a staff of R&D administrators, scientists, professional and technical support, and administrative and clerical support dedicated to public service.
5. Provide scientists a stimulating environment that includes the following:
  - a. Opportunity for frequent consultations with other scientists and users of R&D results.
  - b. Adequate facilities or access to facilities and services including laboratories, libraries, offices, experimental areas, and equipment.
  - c. Insofar as possible, maximum dedication of scientists' time for R&D activity.
6. Maintain effective supervision of R&D activities with clear accountability through a system that maintains scientific freedom for R&D.