

SUBCHAPTER III—FEDERAL WEATHER
COORDINATION

(Pub. L. 115-25, title IV, §401, Apr. 18, 2017, 131 Stat. 105.)

**§ 8541. Environmental Information Services
Working Group**

(a) Establishment

The National Oceanic and Atmospheric Administration Science Advisory Board shall continue to maintain a standing working group named the Environmental Information Services Working Group (in this section referred to as the “Working Group”)—

(1) to provide advice for prioritizing weather research initiatives at the National Oceanic and Atmospheric Administration to produce real improvement in weather forecasting;

(2) to provide advice on existing or emerging technologies or techniques that can be found in private industry or the research community that could be incorporated into forecasting at the National Weather Service to improve forecasting skill;

(3) to identify opportunities to improve—

(A) communications between weather forecasters, Federal, State, local, tribal, and other emergency management personnel, and the public; and

(B) communications and partnerships among the National Oceanic and Atmospheric Administration and the private and academic sectors; and

(4) to address such other matters as the Science Advisory Board requests of the Working Group.

(b) Composition

(1) In general

The Working Group shall be composed of leading experts and innovators from all relevant fields of science and engineering including atmospheric chemistry, atmospheric physics, meteorology, hydrology, social science, risk communications, electrical engineering, and computer sciences. In carrying out this section, the Working Group may organize into subpanels.

(2) Number

The Working Group shall be composed of no fewer than 15 members. Nominees for the Working Group may be forwarded by the Working Group for approval by the Science Advisory Board. Members of the Working Group may choose a chair (or co-chairs) from among their number with approval by the Science Advisory Board.

(c) Annual report

Not less frequently than once each year, the Working Group shall transmit to the Science Advisory Board for submission to the Under Secretary a report on progress made by National Oceanic and Atmospheric Administration in adopting the Working Group’s recommendations. The Science Advisory Board shall transmit this report to the Under Secretary. Within 30 days of receipt of such report, the Under Secretary shall submit to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Science, Space, and Technology of the House of Representatives a copy of such report.

§ 8542. Interagency weather research and forecast innovation coordination

(a) Establishment

The Director of the Office of Science and Technology Policy shall establish an Interagency Committee for Advancing Weather Services to improve coordination of relevant weather research and forecast innovation activities across the Federal Government. The Interagency Committee shall—

(1) include participation by the National Aeronautics and Space Administration, the Federal Aviation Administration, National Oceanic and Atmospheric Administration and its constituent elements, the National Science Foundation, and such other agencies involved in weather forecasting research as the President determines are appropriate;

(2) identify and prioritize top forecast needs and coordinate those needs against budget requests and program initiatives across participating offices and agencies; and

(3) share information regarding operational needs and forecasting improvements across relevant agencies.

(b) Co-chair

The Federal Coordinator for Meteorology shall serve as a co-chair of this panel.

(c) Further coordination

The Director of the Office of Science and Technology Policy shall take such other steps as are necessary to coordinate the activities of the Federal Government with those of the United States weather industry, State governments, emergency managers, and academic researchers.

(Pub. L. 115-25, title IV, §402, Apr. 18, 2017, 131 Stat. 106.)

§ 8543. Office of Oceanic and Atmospheric Research and National Weather Service exchange program

(a) In general

The Assistant Administrator for Oceanic and Atmospheric Research and the Director of National¹ Weather Service may establish a program to detail Office of Oceanic and Atmospheric Research personnel to the National Weather Service and National Weather Service personnel to the Office of Oceanic and Atmospheric Research.

(b) Goal

The goal of this program is to enhance forecasting innovation through regular, direct interaction between the Office of Oceanic and Atmospheric Research’s world-class scientists and the National Weather Service’s operational staff.

(c) Elements

The program shall allow up to 10 Office of Oceanic and Atmospheric Research staff and National Weather Service staff to spend up to 1 year on detail. Candidates shall be jointly se-

¹ So in original. Probably should be preceded by “the”.

lected by the Assistant Administrator for Oceanic and Atmospheric Research and the Director of the National Weather Service.

(d) Annual report

Not less frequently than once each year, the Under Secretary shall submit to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Science, Space, and Technology of the House of Representatives a report on participation in such program and shall highlight any innovations that come from this interaction.

(Pub. L. 115–25, title IV, §403, Apr. 18, 2017, 131 Stat. 107.)

§ 8544. Visiting fellows at National Weather Service

(a) In general

The Director of the National Weather Service may establish a program to host postdoctoral fellows and academic researchers at any of the National Centers for Environmental Prediction.

(b) Goal

This program shall be designed to provide direct interaction between forecasters and talented academic and private sector researchers in an effort to bring innovation to forecasting tools and techniques to the National Weather Service.

(c) Selection and appointment

Such fellows shall be competitively selected and appointed for a term not to exceed 1 year.

(Pub. L. 115–25, title IV, §404, Apr. 18, 2017, 131 Stat. 107.)

§ 8545. Warning coordination meteorologists at weather forecast offices of National Weather Service

(a) Designation of warning coordination meteorologists

(1) In general

The Director of the National Weather Service shall designate at least one warning coordination meteorologist at each weather forecast office of the National Weather Service.

(2) No additional employees authorized

Nothing in this section shall be construed to authorize or require a change in the authorized number of full time equivalent employees in the National Weather Service or otherwise result in the employment of any additional employees.

(3) Performance by other employees

Performance of the responsibilities outlined in this section is not limited to the warning coordination meteorologist position.

(b) Primary role of warning coordination meteorologists

The primary role of the warning coordination meteorologist shall be to carry out the responsibilities required by this section.

(c) Responsibilities

(1) In general

Subject to paragraph (2), consistent with the analysis described in section 409,¹ and in order

to increase impact-based decision support services, each warning coordination meteorologist designated under subsection (a) shall—

(A) be responsible for providing service to the geographic area of responsibility covered by the weather forecast office at which the warning coordination meteorologist is employed to help ensure that users of products of the National Weather Service can respond effectively to improve outcomes from weather events;

(B) liaise with users of products and services of the National Weather Service, such as the public, media outlets, users in the aviation, marine, and agricultural communities, and forestry, land, and water management interests, to evaluate the adequacy and usefulness of the products and services of the National Weather Service;

(C) collaborate with such weather forecast offices and State, local, and tribal government agencies as the Director considers appropriate in developing, proposing, and implementing plans to develop, modify, or tailor products and services of the National Weather Service to improve the usefulness of such products and services;

(D) ensure the maintenance and accuracy of severe weather call lists, appropriate office severe weather policy or procedures, and other severe weather or dissemination methodologies or strategies; and

(E) work closely with State, local, and tribal emergency management agencies, and other agencies related to disaster management, to ensure a planned, coordinated, and effective preparedness and response effort.

(2) Other staff

The Director may assign a responsibility set forth in paragraph (1) to such other staff as the Director considers appropriate to carry out such responsibility.

(d) Additional responsibilities

(1) In general

Subject to paragraph (2), a warning coordination meteorologist designated under subsection (a) may—

(A) work with a State agency to develop plans for promoting more effective use of products and services of the National Weather Service throughout the State;

(B) identify priority community preparedness objectives;

(C) develop plans to meet the objectives identified under paragraph (2); and

(D) conduct severe weather event preparedness planning and citizen education efforts with and through various State, local, and tribal government agencies and other disaster management-related organizations.

(2) Other staff

The Director may assign a responsibility set forth in paragraph (1) to such other staff as the Director considers appropriate to carry out such responsibility.

¹ See References in Text note below.