

# 2017 Current Fiscal Year Report: National Advisory Committee on Windstorm Impact Reduction

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## 1. Department or Agency

Department of Commerce

## 2. Fiscal Year

2017

## 3. Committee or Subcommittee

National Advisory Committee on Windstorm  
Impact Reduction

## 3b. GSA

## Committee No.

2568

## 4. Is this New During Fiscal Year?

No

## 5. Current Charter

06/20/2016 09/30/2017

## 6. Expected Renewal Date

09/30/2017

## 7. Expected Term Date

09/30/2017

## 8a. Was Terminated During Fiscal Year?

Yes

## 8b. Specific Termination Authority

Public Law 114-52

## 8c. Actual Term Date

09/30/2017

## 9. Agency Recommendation for Next Fiscal Year

Terminate

## 10a. Legislation Req to Terminate?

Yes

## 10b. Legislation Pending?

Enacted

## 11. Establishment Authority

Statutory (Congress Created)

## 12. Specific Establishment Authority

Public Law 114-52,  
Section 4

## 13. Effective Date

09/30/2015

## 14. Committee Type

Ad hoc

## 14c. Presidential?

No

## 15. Description of Committee

Scientific Technical Program  
Advisory Board

## 16a. Total Number of Reports

1

## 16b. Report Date

09/29/2017  
Assessments of and  
Recommendations for the National  
Windstorm Impact Reduction  
Program and its Implementation

Number of Committee Reports Listed: 1

17a. 6 17b. Closed 0 17c. Partially Closed 0 Other Activities 0 17d. Total 6  
Open

## Meetings and Dates

Purpose	Start	End
To provide Committee members and the public with a description of the statutory requirements and scope of work of the Committee, an overview of the National Windstorm Impact Reduction Program (NWIRP) and the draft NWIRP Strategic Plan, and to propose timeframes and milestones for the work of the Committee.	05/17/2017	05/17/2017
To assess and develop recommendations on (1) the priorities of the Draft Strategic Plan for the National Windstorm Impact Reduction Program (NWIRP), and (2) trends and developments in the natural, engineering, and social sciences and practices of windstorm impact mitigation.	06/27/2017	06/28/2017
To assess and develop recommendations on (1) the priorities of the Draft Strategic Plan for the NWIRP, and (2) trends and developments in the natural, engineering, and social sciences and practices of windstorm impact mitigation.	07/31/2017	07/31/2017
To assess and develop recommendations on: (1) The coordination of the Program; (2) the effectiveness of the Program in meeting its purposes; and (3) any revisions to the Program which may be necessary.	08/23/2017	08/24/2017
To assess and develop recommendations on: (1) The coordination of the National Windstorm Impact Reduction Program (Program); (2) the effectiveness of the Program in meeting its purposes; and (3) any revisions to the Program which may be necessary.	09/18/2017	09/18/2017
To finalize the Committee's report on assessments and recommendations on the National Windstorm Impact Reduction Program.	09/25/2017	09/25/2017

## Number of Committee Meetings Listed: 6

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$111,923.00	\$0.00

<b>18a(4). Personnel Pmts to Non-Member Consultants</b>	\$0.00	\$0.00
<b>18b(1). Travel and Per Diem to Non-Federal Members</b>	\$36,407.00	\$0.00
<b>18b(2). Travel and Per Diem to Federal Members</b>	\$0.00	\$0.00
<b>18b(3). Travel and Per Diem to Federal Staff</b>	\$0.00	\$0.00
<b>18b(4). Travel and Per Diem to Non-member Consultants</b>	\$0.00	\$0.00
<b>18c. Other(rents,user charges, graphics, printing, mail, etc.)</b>	\$16,586.00	\$0.00
<b>18d. Total</b>	\$164,916.00	\$0.00
<b>19. Federal Staff Support Years (FTE)</b>	0.00	0.00

**20a. How does the Committee accomplish its purpose?**

The purpose of the Committee was to offer assessments and recommendations on:1) trends and developments in the natural, engineering, and social sciences and practices of windstorm impact mitigation;2) the priorities of the National Windstorm Impact Reduction Program's (Program) Strategic Plan;3) the coordination of the Program;4) the effectiveness of the Program in meeting its purposes under section 204 (42 U.S.C. § 15703) of the National Windstorm Impact Reduction Act of 2004, as amended, (Public Law 114-52 § 3), and 5) any revisions to the Program which may be necessary. The Committee will develop a plan at their first meeting to develop these recommendations. The members of the Committee have not yet been established, and the first meeting has not yet been held, but is anticipated to be in late February, 2017.

**20b. How does the Committee balance its**

**membership?**

Public Law 114-52 specifies that the Committee be composed of at least 7 and not more than 15 members who are qualified to provide advice on windstorm impact reduction and represent related scientific, architectural, and engineering disciplines, including: 1) representatives of research and academic institutions; 2) industry standards development organizations; 3) emergency management agencies; 4) State and local government; and 5) business communities, including the insurance industry.

**20c. How frequent and relevant are the Committee Meetings?**

The Committee met six times in five months to plan, draft and complete their report before the statutorily required termination date.

**20d. Why can't the advice or information this committee provides be obtained elsewhere?**

The Committee is statutorily required.

**20e. Why is it necessary to close and/or partially closed committee meetings?**

Not Applicable

**21. Remarks**

Public Law 114-52 specifies that the National Advisory Committee for Windstorm Impact Reduction (NACWIR) will terminate on September 30, 2017. Cost is much higher than estimated due to having an additional three meetings to those already planned, in order to meet the expedited timeline to accomplish the mission of the committee by September 30, 2017.

## Designated Federal Officer

Howard H. Harary Director, Engineering  
Laboratory, NIST

Committee Members	Start	End	Occupation	Member Designation
Ashley, Walker	03/28/2017	09/30/2017	Professor of Geography & Meteorology - Northern Illinois University	Special Government Employee (SGE) Member
Boudreaux, John	03/28/2017	09/30/2017	Director of Emergency Management - Assumption Parish Police Jury, Napoleonville, LA	Special Government Employee (SGE) Member
Dangodara, Parthiv	03/28/2017	09/30/2017	Professional Engineer, RICOWI	Special Government Employee (SGE) Member
Edwards, Wanda	03/28/2017	09/30/2017	Senior Director of Technical Services - RCI, Inc	Special Government Employee (SGE) Member
Masters, Forrest	03/28/2017	09/30/2017	Assoc. Dean for Research & Facilities & Professor of Civil & Coastal Engineering - University of Florida	Special Government Employee (SGE) Member
Mehta, Kishor	02/09/2017	09/30/2017	P.W. Horn Professor of Civil, Environmental & Construction Engineering, Texas Tech. University	Special Government Employee (SGE) Member
Peacock, Walter	03/28/2017	09/30/2017	Professor of Urban Planning & Dir. of Hazard Reduction and Recovery Center at Texas A&M University	Special Government Employee (SGE) Member
Reinhold, Timothy	02/09/2017	09/30/2017	Senior VP for Research & Chief Engineer - Insurance Institute for Business and Home Safety	Special Government Employee (SGE) Member
Resio, Don	03/28/2017	09/30/2017	Professor of Ocean Engineering - University of North Florida	Special Government Employee (SGE) Member

Scott, Donald	03/28/2017	09/30/2017	Professional Engineer & Senior Principle, PCS Structural Solutions	Special Government Employee (SGE) Member
Simmons, Kevin	03/28/2017	09/30/2017	Professor of Economics & Corrigan Chair of Economics, Austin College	Special Government Employee (SGE) Member
Smith, Thomas	03/28/2017	09/30/2017	Licensed Architect	Special Government Employee (SGE) Member

**Number of Committee Members Listed: 12**

### **Narrative Description**

The National Advisory Committee on Windstorm Impact Reduction (NACWIR) offered assessments and recommendations on:- trends and developments in the natural, engineering, and social sciences and practices of windstorm impact mitigation;- the priorities of the Strategic Plan for the National Windstorm Impact Reduction Program (or Program);- the coordination of the Program;- the effectiveness of the Program in meeting its purposes under section 204 (42 (U.S.C. 15703) of the National Windstorm Impact Reduction Act of 2004, as amended, and- any revisions to the Program which may be necessary.

### **What are the most significant program outcomes associated with this committee?**

Checked if  
Applies

Improvements to health or safety	<input checked="" type="checkbox"/>
Trust in government	<input checked="" type="checkbox"/>
Major policy changes	<input type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input type="checkbox"/>
Improved service delivery	<input type="checkbox"/>
Increased customer satisfaction	<input type="checkbox"/>
Implementation of laws or regulatory requirements	<input type="checkbox"/>

Other ☐

## Outcome Comments

### What are the cost savings associated with this committee?

Checked if Applies

None	<input type="checkbox"/>
Unable to Determine	<input checked="" type="checkbox"/>
Under \$100,000	<input type="checkbox"/>
\$100,000 - \$500,000	<input type="checkbox"/>
\$500,001 - \$1,000,000	<input type="checkbox"/>
\$1,000,001 - \$5,000,000	<input type="checkbox"/>
\$5,000,001 - \$10,000,000	<input type="checkbox"/>
Over \$10,000,000	<input type="checkbox"/>
Cost Savings Other	<input type="checkbox"/>

## Cost Savings Comments

Not Applicable

### What is the approximate Number of recommendations produced by this committee for the life of the committee?

14

## Number of Recommendations Comments

Eleven (11) recommendations were made to improve the National Windstorm Impact Reduction Program (NWIRP) draft Strategic Plan and three (3) were made to improve the efficiency and effectiveness of the NWIRP. The recommendations to improve the draft NWIRP Strategic Plan include: 1) Adding a strategic priority; 2) Strengthening nine of the objectives; and 3) Adding an additional objective. The three recommendations to improve the efficiency & effectiveness of the program include: first, conducting research on public policy approaches to reducing windstorm damage and fatalities; second, expanding the program to consider the full extent of risks and damage associated with land falling hurricanes; and third, an over-arching recommendation, placing additional emphasis on existing buildings in the draft NWIRP Strategic Plan represents the importance given by the Committee to consider existing buildings, as evidenced by the recommendation to add an 8th Strategic Priority in the Strategic Plan and the reference to existing buildings in several of the recommendations to strengthen the objectives.

**What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?**

0%

**% of Recommendations Fully Implemented Comments**

The report was received by the NIST Director on September 29, 2017, so there has not been sufficient time to implement any of the recommendations. The Draft Strategic Plan is currently being re-written to include comments of the NACWIR, as well as public comments. The document will then be discussed by the NWIRP Interagency Coordinating Committee before implementation will begin. Implementation will not begin before calendar year 2018.

**What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?**

0%

**% of Recommendations Partially Implemented Comments**

The report was received by the NIST Director on September 29, 2017, so there has not been sufficient time to implement any of the recommendations.

**Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?**

Yes ☐ No ☐ Not Applicable ☒

**Agency Feedback Comments**

Not Applicable

**What other actions has the agency taken as a result of the committee's advice or recommendation?**

Checked if Applies

Reorganized Priorities	<input type="checkbox"/>
Reallocated resources	<input type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input type="checkbox"/>

**Action Comments**

Not Applicable. No action will be taken until recommendations are discussed with the



Interagency Coordinating Committee.

**Is the Committee engaged in the review of applications for grants?**

No

**Grant Review Comments**

Not Applicable

**How is access provided to the information for the Committee's documentation?**

Checked if Applies

Contact DFO	<input checked="" type="checkbox"/>
Online Agency Web Site	<input checked="" type="checkbox"/>
Online Committee Web Site	<input checked="" type="checkbox"/>
Online GSA FACA Web Site	<input checked="" type="checkbox"/>
Publications	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>

**Access Comments**

<https://www.nist.gov/el/materials-and-structural-systems-division-73100/national-windstorm-impac>