



UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-
OFFICE OF THE DIRECTOR

December 21, 2021

The Honorable Maria Cantwell
Chairwoman
Committee on Commerce, Science
and Transportation
United States Senate
Washington, DC 20510

Dear Madam Chairwoman:

Pursuant to the National Windstorm Impact Reduction Act of 2004 (Public Law 108-360, Title II), as amended by the National Windstorm Impact Reduction Act Reauthorization of 2015 (Public Law 114-52), I am transmitting to you the biennial progress report of the National Windstorm Impact Reduction Program (NWIRP) for Fiscal Years 2019 and 2020. The report was prepared by the Interagency Coordinating Committee on Windstorm Impact Reduction (Committee), which is chaired by the Director of the National Institute of Standards and Technology (NIST). The Committee oversees the planning and coordination of NWIRP.

Should you require additional information regarding this matter, please contact Jim Schufreider, Director, NIST Congressional and Legislative Affairs, at Jim.Schufreider@nist.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "JK Olthoff".

James K. Olthoff Ph.D.

Performing the Non-Exclusive Functions and Duties of the
Under Secretary of Commerce for Standards and Technology &
Director, National Institute of Standards and Technology

Enclosure

Identical letter sent to:
The Honorable Roger Wicker
Ranking Member

NIST



UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-
OFFICE OF THE DIRECTOR

December 21, 2021

The Honorable Roger Wicker
Ranking Member
Committee on Commerce, Science,
and Transportation
United States Senate
Washington, DC 20510

Dear Senator Wicker:

Pursuant to the National Windstorm Impact Reduction Act of 2004 (Public Law 108-360, Title II), as amended by the National Windstorm Impact Reduction Act Reauthorization of 2015 (Public Law 114-52), I am transmitting to you the biennial progress report of the National Windstorm Impact Reduction Program (NWIRP) for Fiscal Years 2019 and 2020. The report was prepared by the Interagency Coordinating Committee on Windstorm Impact Reduction (Committee), which is chaired by the Director of the National Institute of Standards and Technology (NIST). The Committee oversees the planning and coordination of NWIRP.

Should you require additional information regarding this matter, please contact Jim Schufreider, Director, NIST Congressional and Legislative Affairs, at Jim.Schufreider@nist.gov.

Sincerely,

James K. Olthoff, Ph.D.

Performing the Non-Exclusive Functions and Duties of the
Under Secretary of Commerce for Standards and Technology &
Director, National Institute of Standards and Technology

Enclosure

Identical letter sent to:

The Honorable Maria Cantwell
Chairwoman

NIST



UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-
OFFICE OF THE DIRECTOR

December 21, 2021

The Honorable John Hickenlooper
Chairman
Subcommittee on Space and Science
Committee on Commerce, Science,
and Transportation
United States Senate
Washington, DC 20510

Dear Mr. Chairman:

Pursuant to the National Windstorm Impact Reduction Act of 2004 (Public Law 108-360, Title II), as amended by the National Windstorm Impact Reduction Act Reauthorization of 2015 (Public Law 114-52), I am transmitting to you the biennial progress report of the National Windstorm Impact Reduction Program (NWIRP) for Fiscal Years 2019 and 2020. The report was prepared by the Interagency Coordinating Committee on Windstorm Impact Reduction (Committee), which is chaired by the Director of the National Institute of Standards and Technology (NIST). The Committee oversees the planning and coordination of NWIRP.

Should you require additional information regarding this matter, please contact Jim Schufreider, Director, NIST Congressional and Legislative Affairs, at Jim.Schufreider@nist.gov.

Sincerely,

James K. Olthoff, Ph.D.
Performing the Non-Exclusive Functions and Duties of the
Under Secretary of Commerce for Standards and Technology &
Director, National Institute of Standards and Technology

Enclosure

Identical letter sent to:
The Honorable Cynthia Lummis
Ranking Member

NIST



UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-
OFFICE OF THE DIRECTOR

December 21, 2021

The Honorable Cynthia Lummis
Ranking Member
Subcommittee on Space and Science
Committee on Commerce, Science,
and Transportation
United States Senate
Washington, DC 20510

Dear Senator Lummis:

Pursuant to the National Windstorm Impact Reduction Act of 2004 (Public Law 108-360, Title II), as amended by the National Windstorm Impact Reduction Act Reauthorization of 2015 (Public Law 114-52), I am transmitting to you the biennial progress report of the National Windstorm Impact Reduction Program (NWIRP) for Fiscal Years 2019 and 2020. The report was prepared by the Interagency Coordinating Committee on Windstorm Impact Reduction (Committee), which is chaired by the Director of the National Institute of Standards and Technology (NIST). The Committee oversees the planning and coordination of NWIRP.

Should you require additional information regarding this matter, please contact Jim Schufreider, Director, NIST Congressional and Legislative Affairs, at Jim.Schufreider@nist.gov.

Sincerely,

James K. Olthoff, Ph.D.
Performing the Non-Exclusive Functions and Duties of the
Under Secretary of Commerce for Standards and Technology &
Director, National Institute of Standards and Technology

Enclosure

Identical letter sent to:
The Honorable John Hickenlooper
Chairman



UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-
OFFICE OF THE DIRECTOR

December 21, 2021

The Honorable Sam Graves
Ranking Member
Committee on Transportation and Infrastructure
United States House of Representatives
Washington, DC 20515

Dear Representative Graves:

Pursuant to the National Windstorm Impact Reduction Act of 2004 (Public Law 108-360, Title II), as amended by the National Windstorm Impact Reduction Act Reauthorization of 2015 (Public Law 114-52), I am transmitting to you the biennial progress report of the National Windstorm Impact Reduction Program (NWIRP) for Fiscal Years 2019 and 2020. The report was prepared by the Interagency Coordinating Committee on Windstorm Impact Reduction (Committee), which is chaired by the Director of the National Institute of Standards and Technology (NIST). The Committee oversees the planning and coordination of NWIRP.

Should you require additional information regarding this matter, please contact Jim Schufreider, Director, NIST Congressional and Legislative Affairs, at Jim.Schufreider@nist.gov.

Sincerely,

James K. Olthoff, Ph.D.
Performing the Non-Exclusive Functions and Duties of the
Under Secretary of Commerce for Standards and Technology &
Director, National Institute of Standards and Technology

Enclosure

Identical letter sent to:
The Honorable Peter A. DeFazio
Chairman

NIST



UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-
OFFICE OF THE DIRECTOR

December 21, 2021

The Honorable Dina Titus
Chairwoman
Subcommittee on Economic Development, Public Buildings,
and Emergency Management
Committee on Transportation and Infrastructure
United States House of Representatives
Washington, DC 20515

Dear Madam Chairwoman:

Pursuant to the National Windstorm Impact Reduction Act of 2004 (Public Law 108-360, Title II), as amended by the National Windstorm Impact Reduction Act Reauthorization of 2015 (Public Law 114-52), I am transmitting to you the biennial progress report of the National Windstorm Impact Reduction Program (NWIRP) for Fiscal Years 2019 and 2020. The report was prepared by the Interagency Coordinating Committee on Windstorm Impact Reduction (Committee), which is chaired by the Director of the National Institute of Standards and Technology (NIST). The Committee oversees the planning and coordination of NWIRP.

Should you require additional information regarding this matter, please contact Jim Schufreider, Director, NIST Congressional and Legislative Affairs, at Jim.Schufreider@nist.gov.

Sincerely,



James K. Olthoff, Ph.D.
Performing the Non-Exclusive Functions and Duties of the
Under Secretary of Commerce for Standards and Technology &
Director, National Institute of Standards and Technology

Enclosure

Identical letter sent to:
The Honorable Daniel Webster
Ranking Member

NIST



UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-
OFFICE OF THE DIRECTOR

December 21, 2021

The Honorable Daniel Webster
Ranking Member
Subcommittee on Economic Development, Public Buildings,
and Emergency Management
Committee on Transportation and Infrastructure
United States House of Representatives
Washington, DC 20515

Dear Representative Webster:

Pursuant to the National Windstorm Impact Reduction Act of 2004 (Public Law 108-360, Title II), as amended by the National Windstorm Impact Reduction Act Reauthorization of 2015 (Public Law 114-52), I am transmitting to you the biennial progress report of the National Windstorm Impact Reduction Program (NWIRP) for Fiscal Years 2019 and 2020. The report was prepared by the Interagency Coordinating Committee on Windstorm Impact Reduction (Committee), which is chaired by the Director of the National Institute of Standards and Technology (NIST). The Committee oversees the planning and coordination of NWIRP.

Should you require additional information regarding this matter, please contact Jim Schufreider, Director, NIST Congressional and Legislative Affairs, at Jim.Schufreider@nist.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "JK Olthoff".

James K. Olthoff, Ph.D.
Performing the Non-Exclusive Functions and Duties of the
Under Secretary of Commerce for Standards and Technology &
Director, National Institute of Standards and Technology

Enclosure

Identical letter sent to:
The Honorable Dina Titus
Chairwoman

NIST



UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-
OFFICE OF THE DIRECTOR

December 21, 2021

The Honorable Eddie Bernice Johnson
Chair
Committee on Science, Space, and Technology
United States House of Representatives
Washington, DC 20515

Dear Madam Chair:

Pursuant to the National Windstorm Impact Reduction Act of 2004 (Public Law 108-360, Title II), as amended by the National Windstorm Impact Reduction Act Reauthorization of 2015 (Public Law 114-52), I am transmitting to you the biennial progress report of the National Windstorm Impact Reduction Program (NWIRP) for Fiscal Years 2019 and 2020. The report was prepared by the Interagency Coordinating Committee on Windstorm Impact Reduction (Committee), which is chaired by the Director of the National Institute of Standards and Technology (NIST). The Committee oversees the planning and coordination of NWIRP.

Should you require additional information regarding this matter, please contact Jim Schufreider, Director, NIST Congressional and Legislative Affairs, at Jim.Schufreider@nist.gov.

Sincerely,

James K. Olthoff, Ph.D.
Performing the Non-Exclusive Functions and Duties of the
Under Secretary of Commerce for Standards and Technology &
Director, National Institute of Standards and Technology

Enclosure

Identical letter sent to:
The Honorable Frank Lucas
Ranking Member

NIST



UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-

OFFICE OF THE DIRECTOR

December 21, 2021

The Honorable Frank Lucas
Ranking Member
Committee on Science, Space, and Technology
United States House of Representatives
Washington, DC 20515

Dear Representative Lucas:

Pursuant to the National Windstorm Impact Reduction Act of 2004 (Public Law 108-360, Title II), as amended by the National Windstorm Impact Reduction Act Reauthorization of 2015 (Public Law 114-52), I am transmitting to you the biennial progress report of the National Windstorm Impact Reduction Program (NWIRP) for Fiscal Years 2019 and 2020. The report was prepared by the Interagency Coordinating Committee on Windstorm Impact Reduction (Committee), which is chaired by the Director of the National Institute of Standards and Technology (NIST). The Committee oversees the planning and coordination of NWIRP.

Should you require additional information regarding this matter, please contact Jim Schufreider, Director, NIST Congressional and Legislative Affairs, at Jim.Schufreider@nist.gov.

Sincerely,

James K. Olthoff/Ph.D.

Performing the Non-Exclusive Functions and Duties of the
Under Secretary of Commerce for Standards and Technology &
Director, National Institute of Standards and Technology

Enclosure

Identical letter sent to:

The Honorable Eddie Bernice Johnson
Chair

NIST



UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899

December 21, 2021

The Honorable Michael Waltz
Ranking Member
Subcommittee on Research and Technology
Committee on Science, Space, and Technology
United States House of Representatives
Washington, DC 20515

Dear Representative Waltz:

Pursuant to the National Windstorm Impact Reduction Act of 2004 (Public Law 108-360, Title II), as amended by the National Windstorm Impact Reduction Act Reauthorization of 2015 (Public Law 114-52), I am transmitting to you the biennial progress report of the National Windstorm Impact Reduction Program (NWIRP) for Fiscal Years 2019 and 2020. The report was prepared by the Interagency Coordinating Committee on Windstorm Impact Reduction (Committee), which is chaired by the Director of the National Institute of Standards and Technology (NIST). The Committee oversees the planning and coordination of NWIRP.

Should you require additional information regarding this matter, please contact Jim Schufreider, Director, NIST Congressional and Legislative Affairs, at Jim.Schufreider@nist.gov.

Sincerely,

James K. Olthoff/P.N.D.
Performing the Non-Exclusive Functions and Duties of the
Under Secretary of Commerce for Standards and Technology &
Director, National Institute of Standards and Technology

Enclosure

Identical letter sent to:
The Honorable Haley Stevens
Chairwoman

NIST



UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-
OFFICE OF THE DIRECTOR

December 21, 2021

The Honorable Haley Stevens
Chairwoman
Subcommittee on Research and Technology
Committee on Science, Space, and Technology
United States House of Representatives
Washington, DC 20515

Dear Madam Chairwoman:

Pursuant to the National Windstorm Impact Reduction Act of 2004 (Public Law 108-360, Title II), as amended by the National Windstorm Impact Reduction Act Reauthorization of 2015 (Public Law 114-52), I am transmitting to you the biennial progress report of the National Windstorm Impact Reduction Program (NWIRP) for Fiscal Years 2019 and 2020. The report was prepared by the Interagency Coordinating Committee on Windstorm Impact Reduction (Committee), which is chaired by the Director of the National Institute of Standards and Technology (NIST). The Committee oversees the planning and coordination of NWIRP.

Should you require additional information regarding this matter, please contact Jim Schufreider, Director, NIST Congressional and Legislative Affairs, at Jim.Schufreider@nist.gov.

Sincerely,

James K. Olthoff, Ph.D.

Performing the Non-Exclusive Functions and Duties of the
Under Secretary of Commerce for Standards and Technology &
Director, National Institute of Standards and Technology

Enclosure

Identical letter sent to:
The Honorable Michael Waltz
Ranking Member

NIST



UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-
OFFICE OF THE DIRECTOR

December 21, 2021

The Honorable Michael Waltz
Ranking Member
Subcommittee on Research and Technology
Committee on Science, Space, and Technology
United States House of Representatives
Washington, DC 20515

Dear Representative Waltz:

Pursuant to the National Windstorm Impact Reduction Act of 2004 (Public Law 108-360, Title II), as amended by the National Windstorm Impact Reduction Act Reauthorization of 2015 (Public Law 114-52), I am transmitting to you the biennial progress report of the National Windstorm Impact Reduction Program (NWIRP) for Fiscal Years 2019 and 2020. The report was prepared by the Interagency Coordinating Committee on Windstorm Impact Reduction (Committee), which is chaired by the Director of the National Institute of Standards and Technology (NIST). The Committee oversees the planning and coordination of NWIRP.

Should you require additional information regarding this matter, please contact Jim Schufreider, Director, NIST Congressional and Legislative Affairs, at Jim.Schufreider@nist.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "JK Olthoff".

James K. Olthoff/Ph.D.
Performing the Non-Exclusive Functions and Duties of the
Under Secretary of Commerce for Standards and Technology &
Director, National Institute of Standards and Technology

Enclosure

Identical letter sent to:
The Honorable Haley Stevens
Chairwoman

NIST



UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-
OFFICE OF THE DIRECTOR

December 21, 2021

The Honorable Peter A. DeFazio
Chairman
Committee on Transportation and Infrastructure
United States House of Representatives
Washington, DC 20515

Dear Mr. Chairman:

Pursuant to the National Windstorm Impact Reduction Act of 2004 (Public Law 108-360, Title II), as amended by the National Windstorm Impact Reduction Act Reauthorization of 2015 (Public Law 114-52), I am transmitting to you the biennial progress report of the National Windstorm Impact Reduction Program (NWIRP) for Fiscal Years 2019 and 2020. The report was prepared by the Interagency Coordinating Committee on Windstorm Impact Reduction (Committee), which is chaired by the Director of the National Institute of Standards and Technology (NIST). The Committee oversees the planning and coordination of NWIRP.

Should you require additional information regarding this matter, please contact Jim Schufreider, Director, NIST Congressional and Legislative Affairs, at Jim.Schufreider@nist.gov.

Sincerely,

James K. Olthoff, Ph.D.
Performing the Non-Exclusive Functions and Duties of the
Under Secretary of Commerce for Standards and Technology &
Director, National Institute of Standards and Technology

Enclosure

Identical letter sent to:
The Honorable Sam Graves
Ranking Member

NIST