

AGREEMENT

On Cooperation in the Fields of Science, Engineering, and Medicine between

**The U.S. National Academy of Sciences, National Academy of Engineering,
Institute of Medicine**

and

The Russian Academy of Sciences

The National Academy of Sciences, the National Academy of Engineering, and the Institute of Medicine and the Russian Academy of Sciences, recognizing the many contributions of international cooperation to the achievement of scientific, engineering, and medical goals, will undertake a series of joint activities during 2019-2023. These activities will build on the experience of inter-academy cooperation since 1959.

Cooperation pursuant to this agreement will be conducted in areas of mutual interest to the academies. The forms of cooperation may include, but are not limited to, visits of specialists, exchanges of scientific publications and materials, technical meetings, workshops, seminars, conferences, joint studies, and research projects. Specialists from other countries will be encouraged to participate in inter-academy activities as appropriate. The inter-academy activities are subject to mutual agreement of the academies and to the availability of funds.

Cooperation under this agreement may include activities related to:

- 1: Analysis of energy issues, including newly emerging energy sources, renewable resources, energy efficiency, and energy conservation;
- 2: Understanding factors that affect local, regional, and global environments and climate change, devising steps that can be taken to reduce pollution and its impact;
- 3: Research in the area of astrophysics, lunar, and planetary studies with the use of space equipment;
- 4: Prevention of and response to catastrophic natural disasters and mitigation of their consequences;
- 5: Basic and applied medical research;
- 6: Research in the development of new materials with the purpose of limiting pollution and creating comfortable living environments for humans;
- 7: Information technology in education, health, and scientific research activities;

8: Other areas of cooperation may be undertaken with the mutual consent of the academies.

In carrying out their joint activities, the academies will continue to cooperate with relevant international organizations including the International Atomic Energy Agency, World Health Organization, United Nations Educational, Scientific, and Cultural Organization (UNESCO), and others.

The academies will devote special efforts to increase the scientific and policy impact of cooperation, and to continue to decrease impediments to cooperation. Of particular importance is the involvement in joint activities of scientists during the early stage of their careers, and encouraging a global culture of scientific responsibility.

The academies will work with their respective governments to continue progress toward ensuring the timely consideration of visa applications for persons involved in scientific cooperation.

The financial arrangements for joint activities will be agreed to on a project-by-project basis.

All joint activities are subject to the laws and regulations of the two countries.

The Office of International Affairs of the National Academies of Sciences, Engineering, and Medicine and the Department of Foreign Relations of the Russian Academy of Sciences will serve as the executive agents in the implementation of this agreement and in resolving organizational, financial, and other questions that may arise.

Each year, representatives of the academies will review progress in carrying out activities under this agreement.

Done in Washington March 12, 2019, in the English and Russian languages, each text being equally authentic.



Marcia K. McNutt
President
National Academy of Sciences



Alexander M. Sergeev
President
Russian Academy of Sciences



Clayton D. Mote, Jr.
President
National Academy of Engineering



Victor J. Dzau
President
National Academy of Medicine