

INTERAGENCY ANNEX
BETWEEN
THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
AND
THE DEPARTMENT OF HEALTH AND HUMAN SERVICES
CENTERS FOR DISEASE CONTROL AND PREVENTION
AGENCY FOR TOXIC SUBSTANCES AND DISEASE REGISTRY
UNDER
INTERAGENCY UMBRELLA AGREEMENT NO. 27663, DATED 7/31/2018
(ANNEX NUMBER 3)

ARTICLE 1. PURPOSE AND SCOPE

The purpose of this Annex is to provide a framework for cooperation between the National Aeronautics and Space Administration (NASA) and the Department of Health and Human Services (HHS) Centers for Disease Control and Prevention (CDC) Agency for Toxic Substances and Disease Registry (ATSDR) (hereinafter the Agency or Agencies) to explore the application of Earth system science, technology, and data to environmental public health through the characterization of relationships between environmental hazards, human exposures, and potential health effects. Of particular interest as a focus of these collaborative activities is CDC's National Environmental Public Health Tracking (EPHT) Network.

To accomplish this exploration, the Agencies will jointly act within the scope of this Annex to conduct information gathering and exchange activities; coordinate research and analysis for verification, validation, and benchmarking purposes; engage in educational and training programs; and disseminate public affairs communications. All other activities beyond the scope of this Annex, including but not limited to the use of facilities, the establishment of cooperative programs, or the transfer of funds, will require a separate written agreement between the Agencies to be independently authorized by appropriate statutory authority in compliance with applicable laws, regulations, and executive orders.

Consistent with the Umbrella Agreement, NASA enters into this Annex pursuant to the Space Act, Other Transactions Authority (OTA) (51 U.S.C. § 20113(e)) and HHS/CDC/ATSDR enters into this Annex pursuant to Section 301(a) of the Public Health Service Act (42 U.S.C. Section 241).

ARTICLE 2. RESPONSIBILITIES

- A. NASA and HHS/CDC/ATSDR will jointly use reasonable efforts to:
- a) Exchange information necessary to identify potential applications of NASA Earth system science, technology, and data for the characterization of high priority environmental hazards and other risk factors.

- b) Conduct annual town hall meetings to gather individual input from members of stakeholder communities, such as public health scientists and practitioners at the national, state, and local levels; Earth scientists and engineers; information technologists; academic partners of each Agency; and other relevant sectors or disciplines.
- c) Conduct collaborative research and analysis to verify, validate, and benchmark the potential applications and stakeholder inputs gathered during the activities described in a) and b), above.
- d) Identify public health and Earth system science education, training and communications needs to strengthen the foundation of this collaboration.
- e) Jointly develop and disseminate public affairs messages on collaborative activities, consulting both NASA and HHS/CDC/ATSDR public affairs officials in every case.

ARTICLE 3. SCHEDULE AND MILESTONES

The planned major milestones for the activities in the Annex defined in the "Responsibilities" Article are as follows:

1 st Annual Town Hall	FY2024
2 nd Annual Town Hall	FY2025
3 rd Annual Town Hall	FY2026
4 th Annual Town Hall	FY2027
5 th Annual Town Hall	FY2028

ARTICLE 4. FINANCIAL OBLIGATIONS

There will be no transfer of funds between the Agencies under this Agreement and each Agency will fund its own participation. All activities under or pursuant to this Agreement are subject to the availability of funds, and no provision of this Agreement shall be interpreted to require obligation or payment of funds in violation of the Anti-Deficiency Act (31 U.S.C. § 1341).

ARTICLE 5. TERM OF ANNEX

This Annex becomes effective upon the date of the last signature below ("Effective Date") and shall remain in effect until the completion of all obligations of both Agencies hereto, or five years from the Effective Date, whichever comes first, unless such term exceeds the duration of the Umbrella IAA. The term of this Annex shall not exceed the

term of the Umbrella IAA. The Annex shall automatically expire upon the expiration of the Umbrella IAA.

ARTICLE 6. RIGHT TO TERMINATE

Either Agency may unilaterally terminate this Annex by providing thirty (30) calendar days written notice to the other Agency.

ARTICLE 7. POINTS OF CONTACT

The following personnel are designated as the Points of Contact between the Agencies in the performance of this Annex.

NASA

John Haynes
Program Manager, Health and Air Quality
300 E Street SW
Washington, DC 20546
Phone: 202.358.4665
jhaynes@nasa.gov

HHS/CDC/ATSDR

Fuyuen Yip
Chief, Emergency Management, Radiation,
and Chemical Branch
1600 Clifton Rd. NE
Atlanta, GA 30329
Phone: (202) 690-8598
fay1@cdc.gov

ARTICLE 8. MODIFICATIONS

Any modification to this Annex shall be executed, in writing, and signed by an authorized representative of NASA and HHS/CDC/ATSDR. Modification of an Annex does not modify the terms of the Umbrella Agreement.

ARTICLE 9. SIGNATORY AUTHORITY

Approved and authorized on behalf of each Agency by:

NASA

HHS/CDC/ATSDR

BY: _____
Karen St Germain
Director, Earth Science Division,
Science Mission Directorate

BY: _____
Erik Svendsen
Director, Division of Environmental Health
Science and Practice, National Center for
Environmental Health

DATE: _____

DATE: 01/22/2024