Two Heliophysics Explorer Draft Solicitations Released for Comment

The National Aeronautics and Space Administration (NASA) Science Mission Directorate (SMD) has released concurrently two Draft Heliophysics Explorers Science Investigations solicitations for comment. The Heliophysics Explorers Program (HEP) conducts Principal Investigator (PI)-led space science investigations relevant to SMD's heliophysics programs and will manage both solicitations. Heliophysics Explorers investigations must address NASA's strategic heliophysics science goals:

- Explore the physical processes in the space environment from the Sun to the Earth and throughout the solar system;
- Advance our understanding of the connections that link the Sun, the Earth, planetary space environments, and the outer reaches of our solar system; and
- Develop the knowledge and capability to detect and predict extreme conditions in space to protect life and society and to safeguard human and robotic explorers beyond Earth

Draft AO Release Date: June 22, 2022
Comments Due Date: July 22, 2022

The NASA Solicitation and Proposal Integrated Review and Evaluation System (NSPIRES) is the official NASA source for the full text of the solicitations, therefore, please use the short URLs provided or visit: http://nspires.nasaprs.com/ and search on the following solicitation number(s).

NNH22ZDA012J -- 2022 Heliophysics Small Explorer (SMEX) Draft Announcement of Opportunity (AO) -- Short URL: https://go.nasa.gov/HlioDAO12
NNH22ZDA013J--2022 Heliophysics Explorers Mission of Opportunity (MO) Draft AO -- Short URL: https://go.nasa.gov/HlioDMO13

Prospective investigators from any category of organizations or institutions, U.S. or non-U.S., will be welcome to respond when the final solicitations are released. Specific categories of organizations and institutions that will be welcome to respond include, but are not limited to, educational, industrial, and not-for-profit organizations, Federally Funded Research and Development Centers (FFRDCs), University Affiliated Research Centers (UARCs), NASA Centers, the Jet Propulsion Laboratory (JPL), and other Government agencies. Non-U.S. organizations may participate on a no-exchange-of-funds basis.

All interested parties must read the 2022 Draft AOs carefully for changes from prior HEP AOs. All proposals to the final AOs must comply with the requirements, constraints, and guidelines contained within those final AOs, as there may be changes from the drafts.

The Science Office for Mission Assessments (SOMA) is the official source for further information on the draft solicitations, including the SMEX and MO Program Libraries and Question & Answer pages. Responses to all inquiries will be posted at the Questions and Answers (Q&As) location of the of the SOMA 2022 Heliophysics Explorers Web site: https://explorers.larc.nasa.gov/HPSMEX22/. Anonymity of persons/institutions who submit questions will be preserved. Proposers are encouraged to send comments and questions early, so that they may be fully addressed prior to the release of the final AOs.

No later than July 22, 2022, questions and comments regarding the 2022 SMEX Draft AO should be emailed to:
Dan Moses, Program Scientist 2022 SMEX AO dan.moses@nasa.gov and
Chauncey Wu, Acquisition Manager 2022 SMEX AO k.c.wu@nasa.gov.
The email subject line must read "2022 Heliophysics SMEX Draft AO" to be properly routed.

No later than July 22, 2022, questions and comments regarding the 2022 Explorers MO Draft AO should be emailed to:
Dan Moses, Program Scientist 2022 MO AO dan.moses@nasa.gov and
James Florance, Acquisition Manager 2022 MO AO j.r.florance@nasa.gov.
The email subject line must read "2022 Heliophysics MO Draft AO" to be properly routed.

NASA has not approved the final issuance of either AO, and this notification does not obligate NASA to issue the final AOs and solicit proposals. Any costs incurred by prospective investigators in preparing submissions in response to this notification or are incurred completely at the submitter's own risk.