

APPENDIX E: CROSS-DIVISION RESEARCH

E.1 CROSS-DIVISION RESEARCH OVERVIEW

1. Introduction

The Science Mission Directorate (SMD) sponsors program elements that apply across more than one of its four science research areas as defined in Section I of the *ROSES Summary of Solicitation*. Such cross-division program elements are listed here in Appendix E of the ROSES-2016 NASA Research Announcement (NRA). At the time of the initial release of this NRA, there are three such programs, see below.

2. Data Management Plans

Most proposals to ROSES-2016 require a data management plan (DMP) or an explanation of why one is not necessary given the nature of the work proposed. The three program elements in Appendix E handle this quite differently. The kinds of proposals that require a data management plan are described in the [NASA Plan for increasing access to results of Federally funded research](#) and in the SARA Frequently Asked Questions ([FAQs](#)) for ROSES. Proposers to E.2 Tropical Workshops, Symposia, and Conferences (TWSC) will not be asked for a data management plan, because those are not research proposals. However, any peer reviewed publications that come out of awards from E.2 (such as conference proceedings) must still meet the requirement that the data behind figures and tables be available electronically at the time of publication, ideally in supplementary material with the article. Proposers to E.3 The Exoplanets Research Program, must satisfy the DMP requirement by responding to the compulsory NSPIRES cover page question about the DMP. Proposers to E.4 The Habitable Worlds Program, must meet the more involved requirements described in Appendix C.1.

3. Program Elements

The Topical Workshops, Symposia, and Conferences program element (E.2) solicits proposals for topical workshops, symposia, conferences, and other scientific/technical meetings that advance the goals and objectives of only the Earth Science and Planetary Science Divisions. This program has no fixed due date or budget; proposals may be submitted at any time, but are dependent on the availability of funds in the specific program or focus area.

The Exoplanets Research Program (E.3) solicits basic research proposals to advance our knowledge and understanding of exoplanetary systems. This program is shared between the Planetary Science Division and the Astrophysics Division. Its objectives are the detection and characterization of planets and planetary systems outside of our Solar System, including the determination of their compositions, dynamics, energetics, and chemical behaviors. Research supported by this call may include observations, theoretical studies, and modeling.

The Habitable Worlds Program (E.4) solicits basic research proposals about processes and conditions that create and maintain potentially habitable environments. This Program includes elements of the Astrobiology Program, the Mars Exploration Program, the Outer Planets

Program (all in the Planetary Science Division) and Exoplanet research in the Astrophysics Division. A common goal of these programs is to identify the characteristics and the distribution of potentially habitable environments in the Solar System and beyond.

Any other cross-division programs that are defined during the calendar year will be issued as amendments to ROSES-2016, typically 90 days in advance of their established Proposal Due Dates.
