

Questions and answers for ROSES-19 A.32 [Interdisciplinary Research in Earth Science](#)

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Typo corrected September 6, 2019

Q1: In this year's IDS, specifically the sub-element 7 relating to microbial diversity in the atmosphere, please clarify this language from the call:

"Proposers are reminded that this subelement is not seeking proposals for new observations of life in the atmosphere, but calls for the use of existing observations to address these questions. This restriction supersedes the limit for fieldwork expenses noted in section 1.2 above. Proposals for this subelement with expenses for data acquisition will be considered non-responsive."

Does this mean that all non-remote sensing fieldwork/data acquisition, such as in-field sample collection, microbe culturing, etc., is banned from this proposal? Or is the limit only on remote sensing data acquisition?

A1: Good question. The prohibition applies to new observations of life in the atmosphere. In the call it says: "NASA has an extensive suite of observation tools for characterizing atmospheric aerosols and understanding their impacts on climate and other phenomena. These include surface-based, airborne, and satellite instruments." So, this would include *in-situ* collection through fieldwork. The program element text goes on: "This IDS subelement solicits proposals that integrate existing observations from NASA sensors (combining observations from surface-based, airborne, and satellite instruments) with microbiological tools (including culture-based, metagenomic, and other molecular approaches) to characterize the aerosolized microbial biodiversity of the atmosphere." Thus, use of these microbiological tools should be okay.

Q2: Are abstracts of previously funded proposals available for perusal? If so, would you kindly direct me to where I might find them?

A2: Yes, for all ROSES program elements we post PDFs with abstracts of selected proposals the NSPIRES pages of those program elements.

For prior IDS solicitations the links to the PDFs are:

[IDS Selections from ROSES-16](#)

[IDS Selections from ROSES-12](#)

[IDS Selections from ROSES-11](#) and

[IDS Selections from ROSES-09](#)

For Space Archaeology specifically, which used to be solicited separately, the links to the PDFs are:

[Space Archaeology 2011 Selections](#)

[Space Archaeology 2009 Selections](#) and

[Space Archaeology 2007 Selection List](#)

Q3: In Section 3 of the program element where it gives a value for " Expected program budget for new awards" (e.g., \$750K/year for subelements 6 and 7) is this amount is available per project per year, or if this is the total budgetary pool available per year for all proposals in that subelement?

A3: The \$750K/year is the total available with anticipated 2-5 awards each so ~\$150-375K/year for any given award in subelements 6 and 7.

Q4: May/must I include a line item to purchase remote sensing data for analysis?

A4: All of NASA's data is freely available to the public and research communities. Any derived data that is an outcome of your proposal must also be made available later (see [the ROSES FAQ about data management plans](#) and the [Earth Science Research Overview](#) for details). If you require, or need to purchase proprietary, private data, then it is recommended you clearly state the requirements of any public data purchased, whether you can re-distribute the raw data or not. You are allowed to include the purchase price of privately held data in your proposal, however, you will also have to have clarity from any private vendors that any derived data is free to be made publicly available. This can be done in a letter from the vendor to submit with your proposal as a letter of support. If the private vendor does not allow distribution of any derived data from their raw data, then your proposal will be deemed non-compliant and unavailable for selection. It is not generally recommended you rely on private sources for your data unless you are clearly allowed to release at a minimum, derived data from these sources.

Q5: My proposal may include travel to "collect" existing public data on archaeological site locations. Is the cost of travel to get these data allowable or is it barred as "fieldwork"?

A5: thank you for noting that, for this program element, the cost of "fieldwork" (e.g., for continuing or initiating new digs) is not an allowable expense. However, travel to collect and analyze existing data, meet to collaborate, travel to present at scientific meetings, are not considered fieldwork and thus allowable.