

**Subject:** Funding Opportunity in Carbon Cycle Science

DOE, NASA, USDA-NIFA, and NOAA are pleased to announce the release of the NASA Research Opportunities in Space and Earth Sciences (ROSES) Funding Opportunity, Topic A.5 "Carbon Cycle Science". This is a joint solicitation between NASA, NOAA, USDA-NIFA, and DOE for funding in fiscal year 2017. The Step 1/Notice of Intent is due April 1, 2016 and full proposals are due June 15, 2016.

More information on the ROSES announcement can be found here: <http://solicitation.nasaprs.com/ROSES2016>.

Specific information on Topic A.5 Carbon Cycle Science can be found here: <https://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={BDFEB327-957C-2DA8-CFB4-AABEA9A38D57}&path=open>

For more information, please see the full ROSES announcement below:

NASA's Science Mission Directorate announces the release of its annual omnibus solicitation, Research Opportunities in Space and Earth Science (ROSES) for 2016 at <http://solicitation.nasaprs.com/ROSES2016>.

Table 2 of individual programs in order of due date can be found at: <http://solicitation.nasaprs.com/ROSES2016table2>

Table 3 of individual programs organized by subject area can be found at: <http://solicitation.nasaprs.com/ROSES2016table3>

This ROSES NRA (NNH16ZDA001N) solicits basic and applied research in support of NASA's Science Mission Directorate (SMD). ROSES is an omnibus NRA, with many individual program elements, each with its own due dates and topics. All together these cover the wide range of basic and applied supporting research and technology in space and Earth sciences supported by SMD. Awards range from under \$100K per year for focused, limited efforts (e.g., data analysis) to more than \$1M per year for extensive activities (e.g., development of specialized science experimental hardware). The funds available for awards in each program element offered in this NRA range from less than one to several million dollars, which allow selection from a few to as many as several dozen proposals, depending on the program objectives and the submission of proposals of merit. Awards will be made as grants, cooperative agreements, contracts, and inter- or intraagency transfers, depending on the nature of the work proposed, the proposing organization, and/or program requirements. The typical period of performance for an award is three years, but some programs may allow up to five years and others specify shorter periods. Organizations of every type, domestic and foreign, Government and private, for profit and not-for-profit, may submit proposals without restriction on teaming arrangements. Note that it is NASA policy that all investigations involving non-U.S. organizations will be conducted on the basis of no exchange of funds.

Details of the solicited program elements are given in the Appendices of this NRA.

Proposal due dates are given in Tables 2 and 3 of this NRA, which will be posted at the URLs given above. Interested proposers should monitor <http://nspires.nasaprs.com/> or subscribe to the SMD electronic notification system there for additional new program elements or amendments to this NRA through February 2017, at which time release of a subsequent ROSES NRA is planned. A web archive (and RSS feed) for amendments, clarifications, and corrections to ROSES-2016 will be available at: <http://nasascience.nasa.gov/researchers/sara/grant-solicitations/roses-2016/>. This NRA will be available upon its release at <http://solicitation.nasaprs.com/ROSES2016>.

Questions concerning general ROSES NRA policies and procedures may be directed to Max Bernstein, Lead for Research, Science Mission Directorate, at [sara@nasa.gov](mailto:sara@nasa.gov).

Thanks!  
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