

AMENDMENT NO. 36 TO THE NASA RESEARCH ANNOUNCEMENT (NRA) ENTITLED  
"RESEARCH OPPORTUNITIES IN SPACE AND EARTH SCIENCES (ROSES) 2011,"  
NNH11ZDA001N, RELEASED FEBRUARY 12, 2011

This amendment provides the final text and proposal due date for [Appendix A.26 HypsIRI Preparatory Airborne Activities and Associated Science and Applications Research \(HypsIRI\)](#).

NASA is developing concepts for a [Hyperspectral Infrared Imager \(HypsIRI\) mission](#). To support the development of the HypsIRI mission and prepare the community for HypsIRI-enabled science and applications research, NASA plans to fly the Airborne Visible/Infrared Imaging Spectrometer (AVIRIS) and the MODIS/ASTER Airborne Simulator (MASTER) instruments on the NASA ER-2 high-altitude aircraft, or comparable platform, to collect data sets in concert with other instruments for precursor science and applications research. This call is for proposals to use the HypsIRI-like airborne measurements resulting from the planned campaigns in FY2013 and FY2014 to address one or more science or applications research topics aligned with the science questions for the HypsIRI Mission, which are provided on the HypsIRI Mission Study web site at <http://hyspirci.jpl.nasa.gov/science>. A goal of this solicitation is to generate important science and applications research results that are uniquely enabled by HypsIRI-like data, taking advantage of the contiguous spectroscopic measurements of the AVIRIS, the full suite of MASTER TIR bands, or combinations of measurements from both instruments. Therefore, proposers are encouraged to submit proposals that utilize AVIRIS measurements, MASTER measurements, or both to address one or more of the HypsIRI science questions.

Notices of Intent to propose are due February 22, 2012, and proposals are due no later than March 21, 2012.

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