



---

# Earth Venture Instrument-5 SALMON-3 AO Program Element Appendix Pre-Proposal Web Conference July 19, 2018

**Hank Margolis, PhD**

EVI-5 Program Scientist

Earth Science Division

Science Mission Directorate

NASA Headquarters

**Mitra Dutta, PhD**

EVI-5 Program Executive

Earth Science Division

Science Mission Directorate

NASA Headquarters

**Waldo J. Rodriguez, PhD**

TMC Evaluation Lead

NASA Science Office for Mission  
Assessments

NASA Langley Research Center



***Goals and Ground Rules  
for the  
EVI-5 PEA Pre-Proposal Web Conference***

**Mitra Dutta**

**Earth Venture Instrument-5 Program Executive  
Earth Science Division,  
Science Mission Directorate**



# Goals for Today

- Provide an overview of the EVI-5
- Describe changes in the EVI-5 PEA & SALMON-3 AO from EVI-4 PEA and SALMON-2 AO
- Proposal Evaluation and Selection Process
- NASA policies relevant to the solicitation and proposal preparation
- Offer a chance for proposers to ask questions



# EVI-5 Pre-Proposal Web Conference Agenda

Earth Venture Instrument-5  
Pre-Proposal  
Teleconference/WebEx

<u>Time</u>	<u>Presentation</u>	<u>Presenter</u>
1:00 PM	Welcome and Goals	Mitra Dutta, EVI-5 Program Executive, NASA HQ
1:05 PM	EVI-5 Science: Science Evaluation and Programmatic Considerations	Hank Margolis, EVI-5 Program Scientist, NASA HQ
1:25 PM	EVI-5 Technical, Management and Cost (TMC) Evaluation	Waldo Rodriguez, EVI-5 TMC Lead, NASA HQ
1:45 PM	ESSP Program Management of EVI Missions	Diane Hope, ESSP PO, NASA LaRC
2:00 PM	International Participation	Dennis McSweeney, OIIR, NASA HQ
2:15 PM	Export Control	Kenneth Hodgdon, OIIR, NASA HQ
2:30 PM	CubeSats: the Basics	Charles Norton, SMD, NASA HQ
2:45 PM	Question & Answer	
3:30 PM	Adjourn	



# NASA Solicitation for Proposal

Earth Venture Instrument-5  
Pre-Proposal  
Teleconference/WebEx

- The *EVI-5 PEA* is an Appendix to the *Third Stand Alone Missions of Opportunity Notice (SALMON-3) Announcement of Opportunity (AO)*.
- All proposers must read both the *EVI-5 PEA* and the *SALMON-3 AO* carefully, and must comply with the requirements and constraints contained within the two documents.
- The *EVI-5 PEA* replaces, supersedes and clarifies some of the information in *SALMON-3 AO*, but not all of the information required to propose is contained in the PEA.

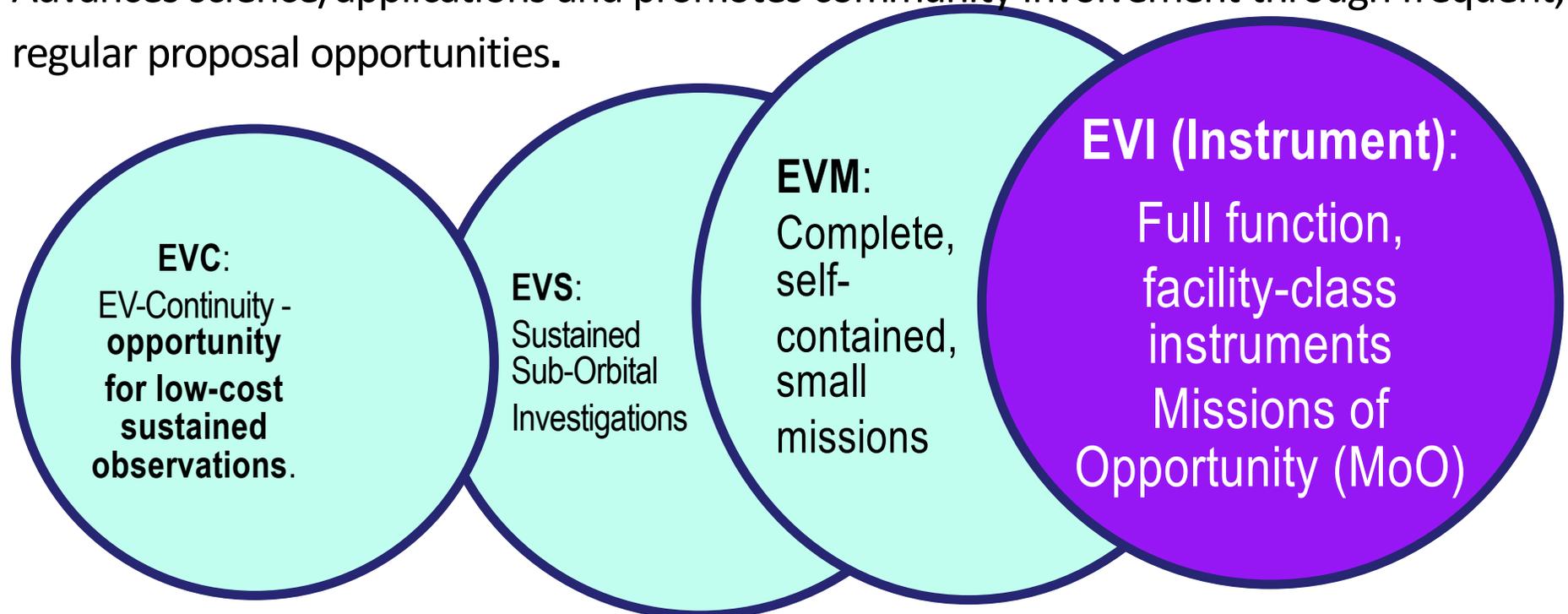


- The solicitation (SALMON-3 AO and EVI-5 PEA) itself are the **governing** document(s) and takes precedence in the event of a discrepancy with any of the presentations
  - This conference's purpose is to provide an overview of the AO and any needed clarification.
  - Solicitation will not be modified in any way during or after the web conference as a consequence of clarification or responses to questions
- Presentations involve top-level policy, process, and constraints. This is an opportunity to better understand the AO language, policies and processes (some policies are law)
- There will be an opportunity for Q&A following the final speaker
  - Attendees may submit written or oral questions
  - All Q&A will be captured by a note taker and posted in the Q&A section (at <http://essp.larc.nasa.gov/EVI-5>)
- All workshop presentations will be posted on the EVI-5 Library (<http://essp.larc.nasa.gov/EVI-5>)



# The Earth Venture Program

- A sustained, successful Venture-class element is a priority from the 2007 Decadal Survey and is reinstated through the 2017 Decadal Survey
- Ensures overall program scientific flexibility and responsiveness through constrained development schedules
- Advances science/applications and promotes community involvement through frequent, regular proposal opportunities.



Allows versatile and scientifically relevant instrument development to take advantage of available space on either NASA or non-NASA satellite platforms.



# The Earth Venture Program

## ESD Venture-class characteristics

- Science-driven, involving sustained (> seasonal) data acquisition. Technology developments/demonstrations are not solicited.
- Frequent, regular solicitations
  - 4-year frequency for EVS-# (Suborbital) & EVM-# (Mission)
  - ~18 Month frequency for EVI-# (Instrument and CubeSat Investigations)
- Competitively-selected, PI-led
- Cost Capped and Schedule Constrained
  - Explicit cost caps per investigation defined in each solicitation
  - <5-year development time-to-launch for space missions or delivery to platform for EVI. All science requirements must be achieved within nominal (typically 1-3 year) mission.



# EVI-5 PEA Major Milestones

---

Draft EVI-5 PEA Released	April 10, 2018 ✓
Comments Due	May 9, 2018 ✓
Final EVI-5 PEA Released	June 25, 2018 ✓
Pre-Proposal Web Conference	July 19, 2018 ✓
Notice of Intent (NOI) Due Date <b>(REQUIRED!)</b>	August 1, 2018
Last Date for Submission of Questions	September 26, 2018
Proposals Due	October 10, 2015
Due Date for Proposal CD-ROMs	October 16, 2018

Additional information: <http://essp.larc.nasa.gov/EVI-5>



# General Disclaimer

---

**Any costs incurred by the prospective investigators in preparing submissions in response to the EVI-5 PEA are incurred completely at the submitter's own risk.**



# Questions?

## Questions and Comments

**All questions pertaining to the EVI-5 PEA MUST be addressed to:**

**Hank A. Margolis, PhD**

Earth Venture Instrument-3 Program Scientist

Earth Science Division

Science Mission Directorate

NASA Headquarters

Washington, DC 20546

Preferably by email at:

Hank.A.Margolis@nasa.gov

Subject line to read "EVI-5 PEA"