

Atmosphere and Related Current and Past ROSES Solicitations

ROSES Appendix	Program	Selected Proposals	Total Proposals	Total Funding	Duration (years)	Selection Link
2025						
A.2	Earth Venture: TROPICS and PREFIRE Science and Applications Teams	---	---	\$6.0M	3	---
2024						
A.17	Atmospheric Composition: Upper Atmospheric Composition Observations	13	18	\$18M	4	UACO-24 Selection
A.19	Atmospheric Composition: Atmospheric Composition Modeling and Analysis Program	---	79	---	3	---
A.21	TEMPO/ACX Science and Applications Team	13	67	\$7.0M	3	TEMPO-24 Selection
A.24	Weather and Atmospheric Dynamics	10	15	\$4.5M	3-4	WEATHER-24 Selection
A.28	Remote Sensing Theory for Earth Science	---	98	---	3	---
A.32	Precipitation Measurements Mission and CloudSat and Calipso Science Team Recompete	4	121	\$2.5M	3	PMMCCST-24 Selection
A.36	The Science of PACE	15	87	\$15.0M	3	---
A.48	Commercial Satellite Data Earth Science Research and Applications	20	209	\$8.0M	2	CESRA-24 Selection
A.55	Decadal Survey Incubation Program: Science and Technology	15	97	\$14.0M	1-3	DSI-24 Selection
A.61	INjected Smoke and PYRocumulonimbus Experiment Science Team	15	63	\$13.5M	3-5	INSPYRE-24 Selection
A.62	FarmFlux Science Team	---	33	---	4	---
A.65	Responsive Science Initiatives Research	5	97	\$5.0M	3	RSIR-24 Selection
2023						
A.6	Carbon Monitoring System	16	78	\$15.6M	3	CMS-23 Selection
A.16	Solar Irradiance Science Team	6	9	\$3.0M	3	---
A.26	CYGNSS Competed Science Team	11	31	\$6.0M	3	CYGNSS-23 Selection
A.28	Global Navigation Satellite System Research	7	23	\$4.5M	3	---
A.30	SAGE III/ISS Science Team	10	21	\$4.8M	3	SAGE-23 Selection
A.31	Science Team for the OCO Missions	16	37	\$10.5M	3	OCOST-23 Selection
A.38	PACE Science and Applications Team	14	60	\$9.6M	3	PACE-23 Selection
A.51	Commercial Smallsat Data Acquisition New Vendor Onramp Evaluation	23	41	\$2.5M	1	CNVOE-23 Selection

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2022						
A.6	Carbon Monitoring System: Continuing Prototype Product Development	17	48	\$15.6	3	CMS-22 Selection
A.18	Aura Science Team and Atmospheric Composition Modeling and Analysis Program	30	67	\$19.6M	3	ACMAP-22 Selection
A.19	Airborne and Satellite Investigation of Asian Air Quality	13	24	\$8.0M	3	ASIAAQ-22 Selection
A.22	Weather and Atmospheric Dynamics	13	69	\$4.7M	3	WEATHER-22 Selection
A.29	Earth Science Research from Operational Geostationary Satellite Systems	9	59	\$4.8M	3	ESROGSS-22 Selection
A.30	Plankton, Aerosol, Cloud, ocean Ecosystem (PACE) Mission Validation	24	47	\$20.0M	2	PACE-22 Selection
A.43	Commercial Smallsat Data Acquisition New Vendor Onramp Evaluation	39	55	\$4.0M	1	CNVOE-22 Selection
A.44	Commercial Smallsat Data Scientific Analysis	22	72	\$7.0M	2	CSDSA-22 Selection
A.54	Earth Venture Suborbital-4	6	42	\$120.0M	5	EVS4-22 Selection
2021						
A.17	Arctic Radiation-Cloud-Aerosol-Surface Interaction Experiment	18	33	\$15.5M	6	ARCSIX-21 Selection
A.25	DSCOVR Science Team	13	26	\$5.8M	3	DSCOVR-21 Selection
A.26	CloudSat and CALIPSO Science Team Recompete	22	65	\$12.0M	3	CCST-21 Selection
A.45	Decadal Survey Incubation	35	76	\$28.5M	1-3	DSI-21 Selections
2020						
A.6	Carbon Monitoring System	17	54	\$19.1M	3	CMS-20 Selection
A.18	Atmospheric Composition: Upper Atmospheric Composition Observations	16	21	\$18M	4	UACO-20 Selection
A.19	Atmospheric Composition: Laboratory Research	5	11	\$3.3M	3	ACLS-20 Selection
A.23	Atmospheric Composition: Campaign Data Analysis and Modeling	31	91	\$19.5M	3	ACCDAM-20 Selection
A.27	CYGNSS Competed Science Team	14	46	\$6.3M	3	CYGNSS-20 Selection
A.33	The Science of Terra, Aqua, and Suomi-NPP	51	227	\$31.5M	3	TASNPP-20 Selection
A.49	Solar Irradiance Science Team	7	10	\$3.0M	3	SIST-20 Selection
A.50	SAGE III/ ISS Science Team	11	19	\$5.2M	3	SAGEIII-20 Selection
A.51	Science Team for the OCO Missions	19	32	\$10.4M	3	OCOST-20 Selection

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A.52	NASA Suomi National Polar-Orbiting Partnership (NPP) and the Joint Polar Satellite System (JPSS) Satellites Standard Products for Earth System Data Records	25	32	\$19.9M	3	SNPPSP-20 Selection
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