

Biosphere and Related Current and Past ROSES Solicitations

ROSES Appendix	Program	Selected Proposals	Total Proposals	Total Funding	Duration (years)	Selection Link
2025						
2024						
A.2	Land Cover/Land Use Change - ESTO/AIST	13	32	\$3.0M	3	LCLUC-24 Selection
A.3	Ocean Biology and Biogeochemistry	12	50	\$3.0M	3	OBB-24 Selection
A.5	Carbon Cycle Science	---	110	---	3	---
A.7	Biodiversity and Ecological Conservation	21	110	\$14.7M	3	BIODIV-24 Selection
A.28	Remote Sensing Theory for Earth Science	---	98	---	3	---
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.62	FarmFlux Science Team	---	33	---	4	---
A.64	FORTE Science Team	12	38	\$5.5M	4	FORTEST-24 Selection
A.65	Responsive Science Initiatives Research	5	97	\$5.0M	3	RSIR-24 Selection
2023						
A.2	Land Cover/Land Use Change - Multi-Source Land Imaging	7	25	\$5.2M	3	LCLUC-23 Selection
A.6	Carbon Monitoring System	16	78	\$15.6M	3	CMS-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
A.60	Global Ecosystem Dynamics Investigation Science Team	16	39	\$7.7M	3	GEDI-23 Selection
2022						
A.2	Land-Cover/Land-Use Change	11	23	\$8.5M	3	LCLUC-22 Selection
A.4	Scoping Studies for the Next Terrestrial Ecology Field Campaign	2	5	\$500K	1	TE-22 Selections
A.6	Carbon Monitoring System: Continuing Prototype Product Development	17	48	\$15.6	3	CMS-22 Selection
A.29	Earth Science Research from Operational Geostationary Satellite Systems	9	59	\$4.8M	3	ESROGSS-22 Selection

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A.30	Plankton, Aerosol, Cloud, ocean Ecosystem (PACE) Mission Validation	24	47	\$20.0M	2	PACE-22 Selection
A.33	ECOSTRESS Science and Applications Team	15	54	\$6.0M	3	ESAT-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
A.55	Land-Cover/Land-Use Change SARI Synthesis	2	4	\$3.5M	3	SARI-22 Selection
2021						
A.2	Land-Cover/Land-Use Change	8	19	\$3.7M	3	LCLUC-21 Selection
A.4	Terrestrial Ecology	20	46	\$15.5M	3	TE-21 Selection
A.7	Biodiversity: Marine, Freshwater, and Terrestrial Biodiversity Survey of the Cape (BioSCape) Airborne Campaign Science Team	9	16	\$5.3M	3	BIODIV-21 Selection
A.21	Remote Sensing of Water Quality	10	38	\$6.1M	3	RSWG-21 Selection
A.25	DSCOVr Science Team	13	26	\$5.8M	3	DSCOVr-21 Selection
A.47	Land-Cover/Land-Use Change:SARI Synthesis	1	10	\$2.1M	3	SARI-21 Selection
2020						
A.2	Land Cover/ Land Use Change	13	66	\$9.0M	3	LCLUC-20 Selection
A.3	Ocean Biology and Biogeochemistry	20	76	\$12.0M	3	OBB-20 Selection
A.5	Carbon Cycle Science	24	103	\$19.6M	3	CARBON-20 Selection
A.6	Carbon Monitoring System	17	54	\$19.1M	3	CMS-20 Selection
A.7	Biodiversity	13	114	\$9.3M	3	BIODIV-20 Selection
A.8	Global Ecosystem Dynamics Investigation (GEDI) Science Team	18	40	\$7.5M	3	GEDIST-20 Selection
A.33	The Science of Terra, Aqua, and Suomi-NPP	51	227	\$31.5M	3	TASNPP-20 Selection
A.39	Ecological Forecasting	13	29	\$11.5M	4	ECOF-20 Selection
A.51	Science Team for the OCO Missions	19	32	\$10.4M	3	OCOST-20 Selection
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