Tasks	PS/PE/PM	PI	Assigned To	Hours	2024 2025 2026 2027 2028 2029 2030 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4
EMIT cal/val for GHG Center - 24	Kavvada (GHG Center), Kaye, Lefer, Margolis and Pavlick	Andrew Thorpe (JPL)	B-200 (DA)	100	B-200 (DA)
ARCSIX	Maring, Markus	Konrad Schmidt (University of CO - Boulder)	G-III (LaRC) P-3	168 (G-III), 189 (P-3)	G-III (LaRC) P-3
SARP 24	Lefer, Kim	Glenn Wolfe (GSFC), Melissa Martin (HQ)	B-200 (DA) P-3	52.8 (P-3), 74 (B-200)	B-200 (DA) P-3
FireSense UAS Demo	Lefer		UAS		I UAS
EMIT cal/val for GHG Center - 25	Kavvada (GHG Center), Kaye, Lefer, Margolis and Pavlick	Andrew Thorpe (JPL)	B-200 (other)	100	B-200 (other)
Aboveground Carbon Stock Changes in Dynamic Tropical Forests	Jucks	Michael Keller (USFS)	Other		Other
SARP 25	Lefer / Kim	Melissa Martin (HQ)	P-3		P-3
NTERFAACE (Nitrogen and Carbon Terrestrial Fluxes: Agriculture, Atmospheric Composition, and Ecosystems)	Lefer	Glenn Wolfe (GSFC)	P-3		P-3
NTERFAACE (Nitrogen and Carbon Terrestrial Fluxes: Agriculture, Atmospheric Composition, and Ecosystems) - Animals	Lefer	Glenn Wolfe (GSFC)	B-200 (LaRC)		B-200 (LaRC)
PYREX (Pyrocumulonimbus Experiment) - 26	Lefer	David Peterson (NRL)	ER-2	100	■ ER-2
PYREX (Pyrocumulonimbus Experiment) - 26	Lefer	David Peterson (NRL)	WB-57	100	<b>■■</b> WB-57
PYREX (Pyrocumulonimbus Experiment) - 27	Lefer	David Peterson (NRL)	ER-2	100	ER-2
PYREX (Pyrocumulonimbus Experiment) - 27	Lefer	David Peterson (NRL)	WB-57	100	<b>■■</b> WB-57
TASC-CH4 - AMAZON - 26	Lefer, Kaye	Amin Nehrir (LaRC)	G-III (LaRC)		G-III (LaRC)
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Mexico City	Lefer	Jim Crawford (NASA LaRC)	G-III (LaRC)	100	■ G-III (LaRC)
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Mexico City	Lefer	Jim Crawford (NASA LaRC)	B777	90	<b>■</b> 9777
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Domestic	Lefer	Jim Crawford (NASA LaRC)	G-III (LaRC)	100	G-III (LaRC)
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Domestic	Lefer	Jim Crawford (NASA LaRC)	B777	90	B777
TASC-CH4 - AMAZON - 27	Lefer, Kaye	Amin Nehrir (LaRC)	G-III (LaRC)		G-III (LaRC)
FORTE (Arctic Coastlines-The Frontlines of Rapidly Transforming Ecosystems) - 27	Lefer	Maria Tzortziou (City College of New York)	G-III (LaRC)	126	G-III (LaRC)
AOS Suborbital Prep	Maring		B777 ER-2 P-3		■ B777 ER-2 P-3

	Tasks	PS/PE/PM	PI	Assigned To	Hours	2024		202	:5	2026		2027		2028		2029		2030
1											Q3 Q4		Q3 Q4					Q2 Q3 Q4
	FORTE (Arctic Coastlines–The Frontlines of Rapidly Transforming Ecosystems) - 28	Lefer	Maria Tzortziou (City College of New York)	, ,	126										G-III (Lai	RC)		
	EMIT cal/val for GHG Center - Santa Barbara	Argyro Kavvada (U.S. GHG Center)	Andrew Thorpe (JPL)	B-200 (DA)	100													

Tasks	PS/PE/PM	Pl	Assigned To	Hours	2024 2025 2026 2027 2028 2029 2030 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4
EMIT cal/val for GHG Center - 24	Kavvada (GHG Center), Kaye, Lefer, Margolis and Pavlick	Andrew Thorpe (JPL)	B-200 (DA)	100	B-200 (DA)
ARCSIX	Maring, Markus	Konrad Schmidt (University of CO - Boulder)	G-III (LaRC) P-3	168 (G-III), 189 (P-3)	G-III (LaRC) P-3
SARP 24	Lefer, Kim	Glenn Wolfe (GSFC), Melissa Martin (HQ)	B-200 (DA) P-3	52.8 (P-3), 74 (B-200)	B-200 (DA) P-3
FireSense UAS Demo	Lefer		UAS		I UAS
EMIT cal/val for GHG Center - 25	Kavvada (GHG Center), Kaye, Lefer, Margolis and Pavlick	Andrew Thorpe (JPL)	B-200 (other)	100	B-200 (other)
Aboveground Carbon Stock Changes in Dynamic Tropical Forests	Jucks	Michael Keller (USFS)	Other		Other
SARP 25	Lefer / Kim	Melissa Martin (HQ)	P-3		P-3
NTERFAACE (Nitrogen and Carbon Terrestrial Fluxes: Agriculture, Atmospheric Composition, and Ecosystems)	Lefer	Glenn Wolfe (GSFC)	P-3		P-3
NTERFAACE (Nitrogen and Carbon Terrestrial Fluxes: Agriculture, Atmospheric Composition, and Ecosystems) - Animals	Lefer	Glenn Wolfe (GSFC)	B-200 (LaRC)		B-200 (LaRC)
PYREX (Pyrocumulonimbus Experiment) - 26	Lefer	David Peterson (NRL)	ER-2	100	■■ ER-2
PYREX (Pyrocumulonimbus Experiment) - 26	Lefer	David Peterson (NRL)	WB-57	100	<b>■■</b> WB-57
PYREX (Pyrocumulonimbus Experiment) - 27	Lefer	David Peterson (NRL)	ER-2	100	ER-2
PYREX (Pyrocumulonimbus Experiment) - 27	Lefer	David Peterson (NRL)	WB-57	100	<b>■■</b> WB-57
TASC-CH4 - AMAZON - 26	Lefer, Kaye	Amin Nehrir (LaRC)	G-III (LaRC)		G-III (LaRC)
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Mexico City	Lefer	Jim Crawford (NASA LaRC)	G-III (LaRC)	100	■ G-III (LaRC)
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Mexico City	Lefer	Jim Crawford (NASA LaRC)	B777	90	■ B777
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Domestic	Lefer	Jim Crawford (NASA LaRC)	G-III (LaRC)	100	G-III (LaRC)
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Domestic	Lefer	Jim Crawford (NASA LaRC)	B777	90	8777
TASC-CH4 - AMAZON - 27	Lefer, Kaye	Amin Nehrir (LaRC)	G-III (LaRC)		G-III (LaRC)
FORTE (Arctic Coastlines–The Frontlines of Rapidly Transforming Ecosystems) - 27	Lefer	Maria Tzortziou (City College of New York)	G-III (LaRC)	126	■ G-III (LaRC)
AOS Suborbital Prep	Maring		B777 ER-2 P-3		B777 ER-2 P-3

	Tasks	PS/PE/PM	PI	Assigned To	Hours	2024		202	25	2026		2027		2028		2029		2030
1											Q3 Q4		Q3 Q4					Q2 Q3 Q4
	FORTE (Arctic Coastlines–The Frontlines of Rapidly Transforming Ecosystems) - 28	Lefer	Maria Tzortziou (City College of New York)	, ,	126										G-III (Lai	RC)		
	EMIT cal/val for GHG Center - Santa Barbara	Argyro Kavvada (U.S. GHG Center)	Andrew Thorpe (JPL)	B-200 (DA)	100													

## Uncrewed Aerial Systems (UAS)

Approved Flight Request (FR)

Open FR

asks	PS/PE/PM	PI	Assigned To	Hours	202	4	2025	2026	20:	27	2028	2029	2030	
										Q3 Q4	2 Q3 Q4			
UAV volcanology/glaciology demo (in dev)	Phillips		UAS	72		■ UAS								
A Roadmap for Soil Organic Content Retrieval in U.S. Agriculture Lands Using Hyperspectral Imagery		Ronald Lockwood (MIT)	UAS			'	UAS							
FireSense UAS Demo	Lefer		UAS				UAS							
BETA-APD (Bandstructure Engineered Type-II Superlattice Antimonide Avalanche Photodiodes)	ACT-20	Sanjay Krishna (Ohio State University)	UAS				[ UAS							
Firefighter Drones	ESTO	Hossein Rajoli (Clemson University)	UAS				UAS							
Al-Enabled Drone Swarms		Fatemah Afghah (Clemson University)	UAS				UAS							
CFI (Compact Fire Imager)	ESTO	Douglas Morton (NASA GSFC)	UAS				UAS							
MIIF (Multi-spectral Infrared Imager for wildland Fires)	ESTO	James Thompson (University of Texas at Austin)	UAS				[ UAS							
UAS Data Assimilation for Improved Wildland Fire Fighting Decision Support		Jack Elston (Black Swift Technologies )	UAS				[ UAS							

G-IV

Approved Flight Request (FR)

Open FR

Tasks	PS/PE/PM	PI	Assigned To	Hours	2024	2025	2026	2027	2028	2029	2030
Examining the extent and triggering of fault creep in the Salton Trough - 25		Robert Zinke (JPL)	G-IV	6		G-IV	/				
Uncertainty and scaling of wildland fire emissions: Integrating variability in fuel properties for biomass burning carbon emissions inventory	Falkowski	Nancy French (Michigan Tech. Research Institute)	B-200 (in general) G-IV			<b>■■■</b> B-:	-200 (in general) G-IV	,			
FlexDSAR	ESTO-IIP-21	Yunling Lou (JPL)	G-IV			I G-IV					
Examining the extent and triggering of fault creep in the Salton Trough - 26		Robert Zinke (JPL)	G-IV	6				G-IV			
Examining the extent and triggering of fault creep in the Salton Trough - 27		Robert Zinke (JPL)	G-IV	6				G-l	V		
UAVSAR - Landslides and Faults - 28	Phillips		G-IV	20					<b>=</b> G	i-IV	

## Twin Otter (all)

Approved Flight Request (FR)

Open FR

Tasks	PS/PE/PM	PI	Assigned To	Hours	2024	2025	2026	2027	2028	2029	2030
							Q4 Q1 Q2 Q3 Q4			Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4
PACE-PAX (Plankton, Aerosol, Cloud, ocean Ecosystem Postlaunch Airborne eXperiment)	Lorenzoni	Kirk Knobelspiesse (GSFC)	ER-2 Twin Otter (CIRPAS)	60		ER-2 Twin Otter (	CIRPAS)				
REMIR (Reduced Envelope Multispectral Infrared Radiometer)	SLI-T-19	Michael Veto (Ball Aerospace)	Twin Otter			Twin Otter					
Estimating Subsurface Fault Geometries and Slip Rates with Remote Sensing Data Analysis of Alluvial Fans	Phillips	Adam Cawood (Southwest Research Institute)	Twin Otter (CIRPAS)				Twin Otter (CIRPAS)				

GV

Approved Flight Request (FR)

Open FR

	asks a state of the state of th	PS/PE/PM	PI	Assigned To	Hours	2024	2025	2026	2027	2028	2029	2030
- 1												Q1 Q2 Q3 Q4
	SToRM SAR	ESTO-IIP-19	Kevin Maschhoff (BAE Systems)	GV	24	I GV						
	GEDI cal/val - 25	Margolis and Pavlick (?)	James Blair (GSFC)	GV	100		GV					
	GEDI cal/val - 26	Margolis and Pavlick (?)	James Blair (GSFC)	GV				GV				

Approved Flight Request (FR)

Onen FR

Tasks	PS/PE/PM	PI	Assigned To	Hours	2024 2025 2026 2027 2028 2029 2030 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4
QUAKES-I - 24	Phillips	Andrea Donnallan	B-200 (AFRC)	17	B-200 (AFRC)
EMIT cal/val for GHG Center - 24	Kavvada (GHG Center), Kaye, Lefer, Margolis and Pavlick	Andrew Thorpe (JPL)	B-200 (DA)	100	B-200 (DA)
CHAPS-D (Compact Hyperspectral Air Pollution Sensor-Demonstrator)	ESTO-IIP-19	Benjamin Stewart (Johns Hopkins University)	B-200	14	■ B-200
SARP 24	Lefer, Kim	Glenn Wolfe (GSFC), Melissa Martin (HQ)	B-200 (DA) P-3	52.8 (P-3), 74 (B-200)	B-200 (DA) P-3
CASALS pt. 1	ESTO - IIP-19	Guangning Yang (GSFC)	B-200 (LaRC)	25	I B 200 (LaRC)
FireSense - 25	Lefer	Melissa Martin	B-200 (DA)		B-200 (DA)
CASALS pt. 2 (Concurrent Artificially-intelligent Spectrometry and Adaptive Lidar System)	ESTO - IIP-19	Guangning Yang (GSFC)	B-200 (LaRC)	15	■ B-200 (LaRC)
BLUEFLUX 2 - 25	Lorenzoni	Glenn Wolfe (GSFC)	A90 (DA) B-200 (AFRC) B-200 (LaRC)	72	A90 (DA) B-200 (AFRC) B-200 (LaRC)
EMIT cal/val for GHG Center - 25	Kavvada (GHG Center), Kaye, Lefer, Margolis and Pavlick	Andrew Thorpe (JPL)	B-200 (other)	100	B-200 (other)
Uncertainty and scaling of wildland fire emissions: Integrating variability in fuel properties for biomass burning carbon emissions inventory	Falkowski	Nancy French (Michigan Tech. Research Institute)	B-200 (in general) G-IV		B-200 (in general) G-IV
Spatio-Temporal Dynamics of Nearshore Processes and Their Impacts on the Coastal Arctic Ecosystem - 25	Lorenzoni	Wesley Moses (NRL)	B-200 (DA)	30	■ B-200 (DA)
CASALS test flights	ESTO - IIP-19	Guangning Yang (GSFC)	B-200 (LaRC)	15	■ B-200 (LaRC)
NTERFAACE (Nitrogen and Carbon Terrestrial Fluxes: Agriculture, Atmospheric Composition, and Ecosystems) - Animals	Lefer	Glenn Wolfe (GSFC)	B-200 (LaRC)		B-200 (LaRC)
Spatio-Temporal Dynamics of Nearshore Processes and Their Impacts on the Coastal Arctic Ecosystem - 26	Lorenzoni	Wesley Moses (NRL)	B-200 (DA)	30	■ B-200 (DA)
Terrestrial Ecology field campaign (ARID or PANGEA)	Margolis		B-200 (DA)		<b>■</b> 6-200 (DA)
Spatio-Temporal Dynamics of Nearshore Processes and Their Impacts on the Coastal Arctic Ecosystem - 27	Lorenzoni	Wesley Moses (NRL)	B-200 (DA)	30	■ B-200 (DA)
FireSense Capstone - 27	Fowler / Falkowski		B-200 B777	150	■ B-200 B777
EMIT cal/val for GHG Center - Santa Barbara	Argyro Kavvada (U.S. GHG Center)	Andrew Thorpe (JPL)	B-200 (DA)	100	

WB-57

Approved Flight Request (FR)

Open FR

Tasks	PS/PE/PM	PI	Assigned To	Hours	2024	202	25	2026	;		2027		2028		2029	2	030
																	Q3 Q4
SABRE	NOAA	Troy Thornberry (NOAA CSL)	WB-57	167			<b>■</b> WB	-57									
PYREX (Pyrocumulonimbus Experiment) - 26	Lefer	David Peterson (NRL)	WB-57	100						WB-57							
PYREX (Pyrocumulonimbus Experiment) - 27	Lefer	David Peterson (NRL)	WB-57	100								WB-57					

## Other

Approved Flight Request (FR)

Onen FR

Tasks	PS/PE/PM	PI	Assigned To	Hours	2024	20	)25		2026		2027	2028	202	29		2030
															Q1 Q	
G-LiHT ALTIRS 2024		Bruce Cook (NASA GSFC)	A90 (DA)	16	[ A9	90 (DA)										
BLUEFLUX - 24	Lorenzoni	Glenn Wolfe (GSFC)	A90 (DA)	35	■ A	90 (DA)										
A Roadmap for Soil Organic Content Retrieval in U.S. Agriculture Lands Using Hyperspectral Imagery		Ronald Lockwood (MIT)	Cessna 206			Cessna 20	6									
NISAR cal/val - 25 (ISRO NASA AVIRIS Imaging Spectroscopy Campaign Phase 2B)	Kaye	Robert Green (JPL)	Other	250		Othe	ır									
BLUEFLUX 2 - 25	Lorenzoni	Glenn Wolfe (GSFC)	A90 (DA) B-200 (AFRC) B-200 (LaRC)	72				A90 (DA)	) B-200 (AF	RC) B-200	(LaRC)					
Aboveground Carbon Stock Changes in Dynamic Tropical Forests	Jucks	Michael Keller (USFS)	Other					Other								
NISAR cal/val - 26	Kaye	Robert Green (JPL)	Other	250				Oti	her							
NISAR cal/val - 27	Kaye	Robert Green (JPL)	Other	250							Other					

## G-III (AFRC and LaRC)

Approved Flight Request (FR)

Open FR

Tasks	PS/PE/PM	PI	Assigned To	Hours	2024 2025 2026 2027 2028 2029 2030
Tusks	1 3/1 2/1 14		Assigned to		
Sea ice thickness with P-band	Bawden	Benjamin Holt (JPL)	G-III (AFRC)	3	G-III (AFRC)
LaRC G-III Engine swap	LaRC		G-III (LaRC)		■ G-III (LaRC)
AfriSAR 2	Margolis and Pavlick, Bawden	Yunling Lou (JPL)	G-III (AFRC)	113	■ G-III (AFRC)
AfriSAR 2	Margolis and Pavlick, Bawden	Yunling Lou (JPL)	G-III (AFRC)	80	G-III (AFRC)
ARCSIX	Maring, Markus	Konrad Schmidt (University of CO - Boulder)	G-III (LaRC) P-3	168 (G-III), 189 (P-3)	G-III (LaRC) P-3
Germany Bistatic Experiment	Bawden	Yunling Lou (JPL)	G-III (AFRC)	17.6	G-III (AFRC)
STV demo - forest topography	Margolis and Pavlick	Marc Simard (JPL)	G-III (AFRC)	6	G-III (AFRC)
ABoVE (Arctic Boreal Vulnerability Experiment) - 24	Margolis and Pavlick	Charles Miller (JPL)	G-III (AFRC)		G-III (AFRC)
GEDI cal/val (Singapore and Brunei) - 25	Margolis and Pavlick (?)	James Blair (GSFC)	G-III (LaRC)	150	G-III (LaRC)
Ocean Color opportunity	Lorenzoni		G-III (LaRC)		I G-III (LaRC)
PBL Tech Demo	Emory	Amin Nehrir (LaRC)	G-III (LaRC)	150	G-III (LaRC)
TASC-CH4 - AMAZON - 26	Lefer, Kaye	Amin Nehrir (LaRC)	G-III (LaRC)		G-III (LaRC)
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Mexico City	Lefer	Jim Crawford (NASA LaRC)	G-III (LaRC)	100	■ G-III (LaRC)
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Domestic	Lefer	Jim Crawford (NASA LaRC)	G-III (LaRC)	100	G-III (LaRC)
TASC-CH4 - AMAZON - 27	Lefer, Kaye	Amin Nehrir (LaRC)	G-III (LaRC)		G-III (LaRC)
FORTE (Arctic Coastlines–The Frontlines of Rapidly Transforming Ecosystems) - 27	Lefer	Maria Tzortziou (City College of New York)	G-III (LaRC)	126	G-III (LaRC)
FORTE (Arctic Coastlines–The Frontlines of Rapidly Transforming Ecosystems) - 28	Lefer	Maria Tzortziou (City College of New York)	G-III (LaRC)	126	G-III (LaRC)

Tasks	PS/PE/PM	PI	Assigned To	Hours	2024 2025 2026 2027 2028 2029 2030 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4
EMIT cal/val for GHG Center - 24	Kavvada (GHG Center), Kaye, Lefer, Margolis and Pavlick	Andrew Thorpe (JPL)	B-200 (DA)	100	B-200 (DA)
ARCSIX	Maring, Markus	Konrad Schmidt (University of CO - Boulder)	G-III (LaRC) P-3	168 (G-III), 189 (P-3)	G-III (LaRC) P-3
SARP 24	Lefer, Kim	Glenn Wolfe (GSFC), Melissa Martin (HQ)	B-200 (DA) P-3	52.8 (P-3), 74 (B-200)	B-200 (DA) P-3
FireSense UAS Demo	Lefer		UAS		I UAS
EMIT cal/val for GHG Center - 25	Kavvada (GHG Center), Kaye, Lefer, Margolis and Pavlick	Andrew Thorpe (JPL)	B-200 (other)	100	B-200 (other)
Aboveground Carbon Stock Changes in Dynamic Tropical Forests	Jucks	Michael Keller (USFS)	Other		Other
SARP 25	Lefer / Kim	Melissa Martin (HQ)	P-3		P-3
NTERFAACE (Nitrogen and Carbon Terrestrial Fluxes: Agriculture, Atmospheric Composition, and Ecosystems)	Lefer	Glenn Wolfe (GSFC)	P-3		P-3
NTERFAACE (Nitrogen and Carbon Terrestrial Fluxes: Agriculture, Atmospheric Composition, and Ecosystems) - Animals	Lefer	Glenn Wolfe (GSFC)	B-200 (LaRC)		B-200 (LaRC)
PYREX (Pyrocumulonimbus Experiment) - 26	Lefer	David Peterson (NRL)	ER-2	100	■ ER-2
PYREX (Pyrocumulonimbus Experiment) - 26	Lefer	David Peterson (NRL)	WB-57	100	<b>■■</b> WB-57
PYREX (Pyrocumulonimbus Experiment) - 27	Lefer	David Peterson (NRL)	ER-2	100	■■ ER-2
PYREX (Pyrocumulonimbus Experiment) - 27	Lefer	David Peterson (NRL)	WB-57	100	<b>■■</b> WB-57
TASC-CH4 - AMAZON - 26	Lefer, Kaye	Amin Nehrir (LaRC)	G-III (LaRC)		G-III (LaRC)
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Mexico City	Lefer	Jim Crawford (NASA LaRC)	G-III (LaRC)	100	■ G-III (LaRC)
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Mexico City	Lefer	Jim Crawford (NASA LaRC)	B777	90	<b>■</b> B777
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Domestic	Lefer	Jim Crawford (NASA LaRC)	G-III (LaRC)	100	G-III (LaRC)
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Domestic	Lefer	Jim Crawford (NASA LaRC)	B777	90	B777
TASC-CH4 - AMAZON - 27	Lefer, Kaye	Amin Nehrir (LaRC)	G-III (LaRC)		G-III (LaRC)
FORTE (Arctic Coastlines–The Frontlines of Rapidly Transforming Ecosystems) - 27	Lefer	Maria Tzortziou (City College of New York)	G-III (LaRC)	126	G-III (LaRC)
AOS Suborbital Prep	Maring		B777 ER-2 P-3		B777 ER-2 P-3

	Tasks	PS/PE/PM	PI	Assigned To	Hours	2024		2		2025		2026		2027		2027		2028		2029			2030	
1														Q3 Q4			Q3 Q4							Q2 Q3 Q4
	FORTE (Arctic Coastlines–The Frontlines of Rapidly Transforming Ecosystems) - 28	Lefer	Maria Tzortziou (City College of New York)	, ,	126																G-III (Lai	RC)		
	EMIT cal/val for GHG Center - Santa Barbara	Argyro Kavvada (U.S. GHG Center)	Andrew Thorpe (JPL)	B-200 (DA)	100																			