

## Poster Abstract Submission

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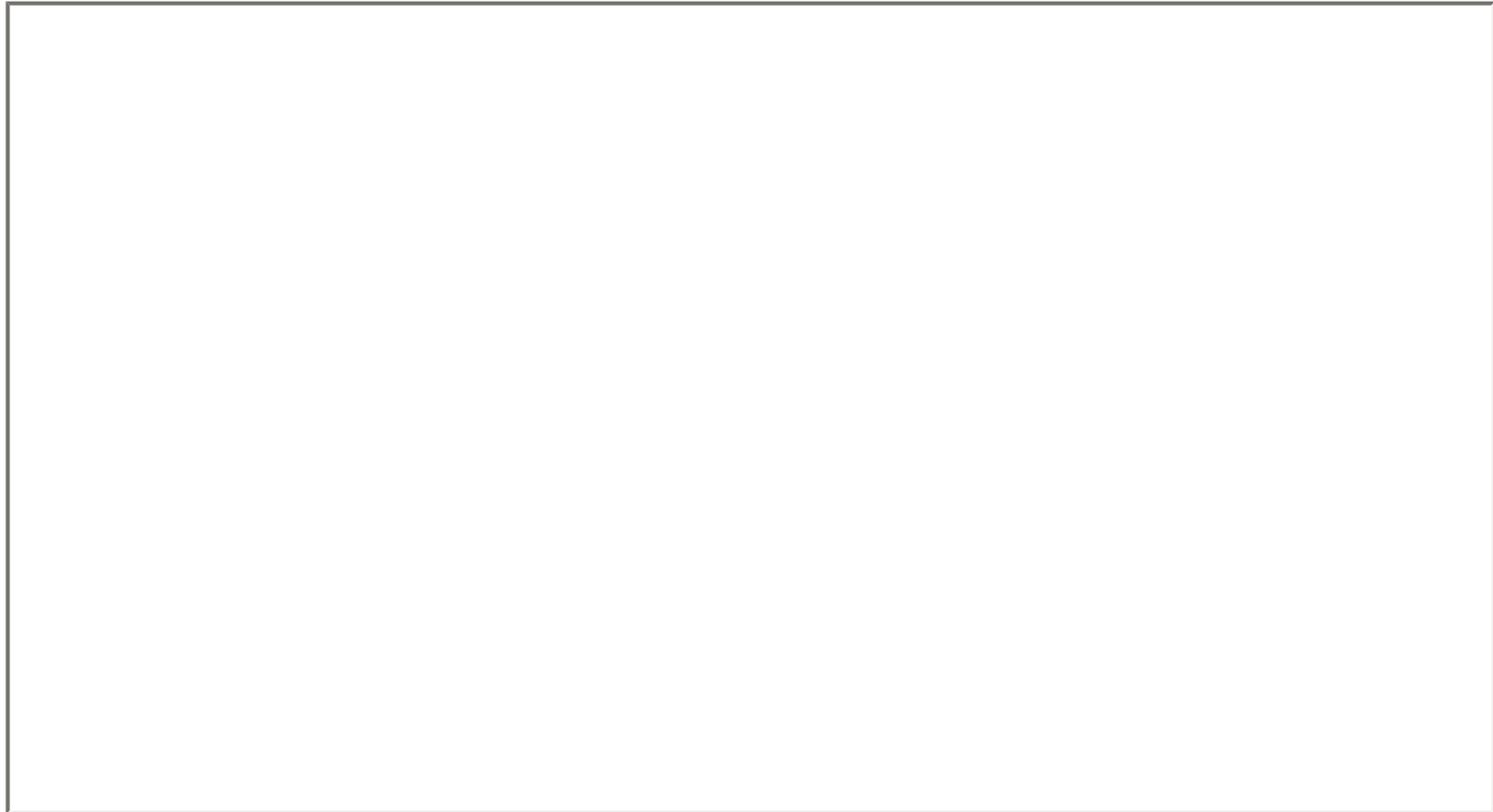
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**NASA Carbon Cycle & Ecosystems Active Awards Represented by your Poster:**

The NASA Carbon Cycle and Ecosystems Focus Area Program Managers would like to know whether your poster is representing any of the following active awards, and/or representing work funded by the Applied Sciences Program, or if it is a related activity.

- Quick jump to PI last name starting with: [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

	<b>PI</b>	<b>Task Title</b>	<b>Award Number</b>
<input type="checkbox"/>	Abbott, Mark	EOS Terra Direct Broadcast Receiving Station: Support for Ocean and Terrestrial Ecology	NNG05GA73G
<input type="checkbox"/>	Adeney, Jennifer	Remote sensing of essential drivers of white sand systems in the Brazilian Amazon using Landsat and MODIS	NNX06AF84H
<input type="checkbox"/>	Aiken, George	Using remote sensing to understand carbon flow and its transformations from upland ecosystems into the coastal ocean	NNH04AA62I
<input type="checkbox"/>	Aizen, Vladimir	Estimation of seasonal snow cover and glacial are changes in central Asia during the last 50 years using NASA ESE products and in-situ data	NNG05GR45G

<input type="checkbox"/>	Alencar, Ane A. C.	Modeling Future Carbon Emissions from Amazon Forest Fires	NNX07AN76H
<input type="checkbox"/>	Ambrosia, Vincent	NASA Wildfire Response, R&D Applications and Technology Implementation	389018.02.13.01.05
<input type="checkbox"/>	Arnold, Benjamin	Using Remote Sensing to Investigate the Role of Environmental Change and Hydrological Connectivity in the Reemergence of Schistosomiasis in Sichuan Province, China (Advisor Spear, Robert )	NNG05GP06H
<input type="checkbox"/>	Arnone, Robert	Use of the Martha's Vineyard Coastal Observatory (MVCO) to assess ocean color products in North East coastal waters	NNH06AE68I
<input type="checkbox"/>	Arrigo, Kevin	Multi-Decadal, Multi-Sensor Investigation of Primary Production within the Antarctic Ice Pack	NNG05GR19G
<input type="checkbox"/>	Arrigo, Kevin	Primary production and air-sea CO2 exchange in the Northern Polar Seas	NNG05GC92G
<input type="checkbox"/>	Asner, Gregory	Effects of Invasive Species on Ecosystem Structure and Function Combining Airborne Imaging Spectroscopy and Field Studies in Hawai'i	NNG06GI87G
<input type="checkbox"/>	Asner, Gregory	Integrating Satellite, Modeling and Synthesis Approaches to Understand the Role of Selective Logging on Biogeochemical Cycles in Amazonia	NNG06GE32A
<input type="checkbox"/>	Asner, Gregory	Regional Carbon Storage Responses to Woody Encroachment in Western Pinyon-Juniper Systems	NNG05GD21G
<input type="checkbox"/>	Balch, William	GNATS: The Gulf of Maine North Atlantic Time Series: Integrating Terrestrial and Ocean Carbon Cycles in Coastal Shelf Sea through Coordinated Ship and Satellite Observations	NNX07AD01G
<input type="checkbox"/>	Balch, William	Using remote sensing to understand carbon flow and its transformations from upland ecosystems into the coastal ocean	NNX08AC27G
<input type="checkbox"/>	Barnes, Christopher	United States Land Cover Land Use Change, Albedo and Radiative Forcing: Past and Potential Climate Implications	NNX06AF87H
<input type="checkbox"/>	Barry, Peter	Integration of GLAS and Airborne LIDAR Data with Field Data to Characterize the Vertical Structure and Loading of Forest Fuels (Advisor Lefsky, Michael A)	NNG05GQ05H
<input type="checkbox"/>	Behrenfeld, Michael	Diagnosing Nutrient Constraints on Phytoplankton of the Global Oceans using MODIS Fluorescence Measurements	NNX08AF72G
<input type="checkbox"/>	Behrenfeld, Michael	Quantifying Ocean Productivity through Improvements in Satellite-Derived Phytoplankton Physiology and Carbon Biomass	NNG05GR50G
<input type="checkbox"/>	Behrenfeld, Michael	The Equatorial Box Project	NNG05GD18G
<input type="checkbox"/>	Behrenfeld, Michael	The Ocean Productivity Website Project and Stewardship of NASA Standard Productivity Products	NNX08AF73G
<input type="checkbox"/>	Bender, Michael	Primary Production and Net Community Production in the Southern Ocean: Integrating Results from Modeling, Remote Sensing, and Extensive Recent Observations	NNX08AF12G
<input type="checkbox"/>	Bender, Michael	Studies of Net and Gross Production in the Southern Ocean: Controls and Scaling	NNX06AD95G
<input type="checkbox"/>	Blair, James B.	Characterizing Forest Structure for Assessments of Carbon Cycling and Biodiversity: An Integrated Approach Using Lidar Remote Sensing, Field Studies, and Ecosystem Models (A)	281945.02.61.01.06

<input type="checkbox"/>	Bolstad, Paul	Testing the flux tower upscaling hypothesis at a regional scale in a complex landscape	NNG05GD51G
<input type="checkbox"/>	Bounoua, Lahouari	Development and Validation of Process Algorithms of Urbanization for Water Cycle, Data Assimilation and Climate Studies	281945.02.58.01.32
<input type="checkbox"/>	Bowling, Laura	Multisensor/Multiscale assessment of urban impacts in the Great Lakes Region	NNG06GC40G
<input type="checkbox"/>	Braverman, Amy	Mapping Global CO <sub>2</sub> : Development and application of geostatistical algorithms for gap filling and uncertainty assessment for the Orbiting Carbon Observatory	281945.02.61.01.52
<input type="checkbox"/>	Brown de Colstoun, Eric	NIP04: Consequences of Land Cover/Use Changes on National Parks - A Research/Education Partnership in the Upper Delaware River Basin	423246.02.03.01.03
<input type="checkbox"/>	Brown, Daniel	Land Dynamics, Social Vulnerability and Ecological Effects of Flooding Under Policy and Environmental Change Around Poyang Lake, China	NNG06GA25G
<input type="checkbox"/>	Butman, David Ellison	Incorporating lateral riverine organic carbon fluxes into the United States carbon budget through the production of spatially explicit export maps for the entire US	NNX07AN83H
<input type="checkbox"/>	Campbell, Janet	Refinement and Maintenance of the MODIS Chlorophyll Algorithm: Ensuring Continuity of a Long-term Satellite Data Record of Chlorophyll	in progress
<input type="checkbox"/>	Carr, Mary-Elena	Primary Production from Space: A Comparative Study of Space-Based Algorithms and In Situ Measurements	281945.02.29.01.46
<input type="checkbox"/>	Cavanaugh, Kyle	Remote Sensing of Kelp Habitats in the Santa Barbara Channel Using SPOT Imagery	NNX06AF79H
<input type="checkbox"/>	Cetinic, Ivona	Harmful Algal Blooms in an Urbanized Coastal Ocean - Application of Remote Sensing for Understanding, Characterization and Prediction	NNX06AF88H
<input type="checkbox"/>	Chambers, Jeffrey	Disturbance Effects on Carbon Dynamics in Old-Growth Amazon Forest: Model Algorithm Development and Synthesis from Individual Trees to Landscapes	NNG06GC72A
<input type="checkbox"/>	Chapman, Bruce	The impact of temporal decorrelation on InSAR vegetation 3-D structure retrieval algorithms	281945.02.62.01.12.02
<input type="checkbox"/>	Chatterjee, Keya	Katherine Fuller Science for Nature Symposium Proposal, 2007: Reducing Emissions from Deforestation	NNX07AV26G
<input type="checkbox"/>	Checkley, David	The SOLOPC in the North Atlantic Bloom Experiment	in progress
<input type="checkbox"/>	Chekalyuk, Alexander	Superactive-Active-Passive (SAP) Shipboard/Airborne/Satellite Analysis of Phytoplankton Pigment, Group, and Physiological Variability in Coastal Ocean	NNX07AN44G
<input type="checkbox"/>	Chen, Jiquan	Effects of Land Use Change on the Energy and Water Balance of the Semi Arid Region of Inner Mongolia	NNG06GA70G
<input type="checkbox"/>	Chen, Qi	Comparison of Biogeochemical Models with Different Complexity in Modeling Net Primary Productivity in a Savanna Ecosystem in California	NNG04GQ52H
<input type="checkbox"/>	Chopping, Mark	A new approach for mapping woody plants in the southwestern United States using NASA Earth Observing System Data	In progress
<input type="checkbox"/>	Christman, Zachary	Disaggregating phenological variation from discrete land-cover change in the Rio Lerma-Chapala watershed, Mexico	

<input type="checkbox"/>	Cochrane, Mark	Biodiversity Implications of Forest Disturbance and Related Landscape Dynamics in the Brazilian Amazon	NNX07AF16G
<input type="checkbox"/>	Cohen, Warren	North American Forest Disturbance and Regrowth since 1972	NNH05AA36I
<input type="checkbox"/>	Cohen, Warren	Role of North America Forest Disturbance and Regrowth In NACP: Integrated Analyzes Of Landsat and U.S. Forest Service FIA Data - Phase 2	In progress
<input type="checkbox"/>	Collatz, George	Global fire emissions derived from Terra and Aqua satellites	596741.02.01.01.11
<input type="checkbox"/>	Collatz, George	Impacts of Disturbance History and Climate on Carbon Fluxes from North American Forests: Application of Satellite, Inventory, and Climate Data to Inform Biogeochemical Modeling	281945.02.61.01.29
<input type="checkbox"/>	Collatz, George	Mesoscale Carbon Data Assimilation for NACP	281945.02.63.01.06
<input type="checkbox"/>	Comiso, Joe	Application of space-based technologies to examine land-cover/land-use change along a transect on the Yamal Peninsula and Novaya Zemlya, Russia	281945.02.58.01.39
<input type="checkbox"/>	Conard, Susan	Wildfire impacts on carbon stocks and exchanges in forests of Central Siberia	NNH05AA41I
<input type="checkbox"/>	Cook, Robert	NACP Data Center for Modeling and Synthesis	NNH06AE47I
<input type="checkbox"/>	Cooper, Amanda	Detecting Changes in Vertical Canopy Structure of Tropical Rainforests Using LiDAR (Advisor Weishampel, John F)	NNG05GP42H
<input type="checkbox"/>	Corbin, Katherine	Using Satellite Observations of CO to Improve Estimates of CO2 Sources and Sinks	NNG04GQ15H
<input type="checkbox"/>	Cornillon, Peter	A Thematic Data Portal to Satellite-Derived Ocean Surface Properties	NNG04GH13A
<input type="checkbox"/>	Coronado, Patrick	EOS Direct Broadcast System Integration and Data/Product S/W	281945.02.15.01.03
<input type="checkbox"/>	Crill, Patrick (Keller, Michael)	Synthesis and Integration of Ecological Research within the Large Scale Biosphere-Atmosphere Experiment in Amazonia (LBA) and Science Support for LBA-ECO	NNG05GE28A
<input type="checkbox"/>	Csiszar, Ivan	Active fires from MODIS and VIIRS and developing the associated Earth Science Data Record	In progress
<input type="checkbox"/>	Csiszar, Ivan	Analysis of Long-term Fire Dynamics and Impacts in the Amazon Using Integrated Multi-source Fire Observations	NNG06GE21A
<input type="checkbox"/>	Dall'Olmo, Giorgio	Using MODIS and SeaWiFS Data for Estimating Chlorophyll Concentration in Turbid Productive Waters	NNG04GQ82H
<input type="checkbox"/>	Dasgupta, Swarvanu	Multi-sensor approach for monitoring fire risk in the Wildland Urban Interface	NNX06AF20H
<input type="checkbox"/>	Davidson, Eric	A Proposal for LBA-ECO Project Scientist, 2008-2009	In progress
<input type="checkbox"/>	Davidson, Eric	Interactions of Edaphic and Land Use Factors on Water Budgets in the Cerrado Region of Brazil	NNG06GD51G
<input type="checkbox"/>	Davidson, Eric	Synthesis of Nutrient Interactions in Secondary Vegetation in Amazonia	NNG06GE88A

<input type="checkbox"/>	Davis, Kenneth	Probabilistic Carbon Flux Upscaling Across a Northern Forest Ecoregion	In progress
<input type="checkbox"/>	de Beurs, Kirsten	Climate Change or Institutional Change on Changes in Land Surface Phenologies in Central and Northern Eurasia	
<input type="checkbox"/>	Deegan, Linda	Quantifying and Scaling Land-Water Connections and River-Channel Biogeochemistry in Amazon River Networks	NNG06GE10A
<input type="checkbox"/>	Del Castillo, Carlos	Carbon Transport By the Mississippi River: Response to changes in land use	NNG06GH04G
<input type="checkbox"/>	Del Castillo, Carlos	On the Distribution of Colored Dissolved Organic Matter in the Southern Ocean and the Potential for Photoproduction of CO <sub>2</sub> and CO	NNX08AB09G
<input type="checkbox"/>	Denning, Scott	Mesoscale Carbon Data Assimilation for NACP	NNG05GD15G
<input type="checkbox"/>	Dickson, Rebecca P.	Evaluating Remote Sensing Techniques for the Discrimination of Secondary Forests and their Biodiversity Potential	NNG05GQ36H
<input type="checkbox"/>	Dierssen, Heidi	Differentiating sources of backscattering in the Southern Ocean: calcite, bubbles, and other optical constituents	NNX08AB10G
<input type="checkbox"/>	Dieye, Amadou Moctar	Land Cover Land Use Change and Soil Organic Carbon Under Climate Variability in Semi-Arid to Sub-Humid West African Sahel (1975-2050)	NNX07AO52H
<input type="checkbox"/>	DiGiacomo, Paul	Coastal Ocean Biological Response to Urbanization and Climate Variability in the Southern California Bight: Impact of Terrestrial Runoff in the Santa Monica and San Pedro Basin	296451.04.02.02.01
<input type="checkbox"/>	Doney, Scott	Hindcasting seasonal to interannual variability in air-sea CO <sub>2</sub> flux for the North American Carbon Project	NNG05GG30G
<input type="checkbox"/>	Doney, Scott	Ocean Biological Feedbacks on Global Coupled Climate-Carbon Cycle Dynamics	NNX07AL80G
<input type="checkbox"/>	Doughty, Christopher	The Effect of Warming on Tropical Forest Gas Exchange (Advisor Goulden, Michael L)	NNG05GP32H
<input type="checkbox"/>	Drake, Jason	Multidimensional Characterization of Southern Pine Forest Structure and Integrity: A Hierarchical Multisensor Remote Sensing Approach	NNG04GO52G
<input type="checkbox"/>	Dubayah, Ralph	1. Characterizing Forest Structure for Assessments of Carbon Cycling and Biodiversity: An Integrated Approach Using Lidar Remote Sensing, Field Studies, and Ecosystem Modeling	NNG04GO05G
<input type="checkbox"/>	Dubinin, Maxim Yurievich	Effects of land use change on fire, vegetation and wildlife dynamics in arid grasslands of Southern Russia	NNX07AN77H
<input type="checkbox"/>	Eckmann, Ted	Validating Retrievals of Subpixel Fire Sizes and Temperatures from MODIS to Improve Understanding and Monitoring of Fires	NNX06AF77H
<input type="checkbox"/>	Edmonds, Timothy	Quantifying and Predicting the Ecological Meltdown of a Unique Hawaiian Forest Ecosystem by an Invasive Alien N-fixing Tree: a Remote Sensing and Spatial Analysis Based Approach (Advisor Miura, Tomoaki)	NNG05GQ51H
<input type="checkbox"/>	Ellicott, Evan A.	Estimating global biomass burning emissions using fire radiative power	NNX07AO29H
<input type="checkbox"/>	Eluszkiewicz, Janusz	Estimating Carbon Budget for North America Using Satellite and In Situ Data	NNH05CD42C

<input type="checkbox"/>	Eshleman, Keith	Exacerbation of Flooding Responses Due to LCLUC	NNG06GC83G
<input type="checkbox"/>	Espirito-Santo, Fernando	Natural Forest Disturbance and Carbon Cycling in the Brazilian Amazon: Remote Sensing Approaches at Local and Regional Scales	NNX07AN84H
<input type="checkbox"/>	Estes, Lyndon	Reintroducing a Large Herbivore: a Remote Sensing and Modeling Approach to Determine the Mountain Bongo's ( <i>Tragelaphus Eurycerus Isaaci</i> ) Past and Present Critical Habitat (Advisor Shugart, Herman H)	NNG05GR43H
<input type="checkbox"/>	Evans, William	The Role of Tropical Instability Waves in Modulating Equatorial Pacific Carbon Cycling (Advisor Strutton, Peter G)	NNG05GQ34H
<input type="checkbox"/>	Fargion, Giulietta	Management of Ocean Color Validation Databases	NNG06GB50G
<input type="checkbox"/>	Feely, Richard	Development of algorithms for prediction of coastal CO <sub>2</sub> air-sea fluxes using remote sensing	NNH05AA88I
<input type="checkbox"/>	Feely, Richard	Hindcasting Seasonal to interannual variability in air-sea CO <sub>2</sub> flux for the North American Carbon Project	NNH05AA89I
<input type="checkbox"/>	Fewings, Melanie	Physical Processes in Continental Shelf Ecosystems The Influence of Density Stratification on Phytoplankton Dynamics	NNG04GQ14H
<input type="checkbox"/>	Fisher, Thomas	Analysis of Phytoplankton Pigment Samples By High Performance Liquid Chromatography for NASA Investigators	NNX06AH27G
<input type="checkbox"/>	Fisher, Thomas	HPLC Pigment Analyses to Support Ocean Biology and Biogeochemistry Research	in progress
<input type="checkbox"/>	Fisher, Thomas	Responses of coastal waters to terrestrial inputs of elemental CNP in urbanizing coastal regions	NNG06GA92G
<input type="checkbox"/>	Fitzjarrald, David	Mesoclimate and Land Use Change Effects on Carbon Exchange in Amazonia	NNG06GE09A
<input type="checkbox"/>	Flather, Curtis	Effects of fire, extreme weather, and anthropogenic disturbance on avian biodiversity in the United States	NNH07AF62I
<input type="checkbox"/>	Foley, Jon	Against the Grain: The Effects of Widespread, Intensifying Agriculture on the Biosphere and Climate System	NNX07AL21G
<input type="checkbox"/>	Foley, Jonathan	Evaluating Changes in Regional- to Global-scale Ecosystem Services Provided by Amazonian Rainforests	NNG06GG71A
<input type="checkbox"/>	Fox, Jefferson	The role of land-cover change in montane mainland southeast Asia	NNG04GH59G
<input type="checkbox"/>	French, Nancy	NIP04: Assessment of Biomass Consumption Variability in Forest Fires Using Satellite Remote Sensing	NNG04GR24G
<input type="checkbox"/>	Friedl, Mark	Algorithm Refinement and Earth Science Data Record Development for Global Land Cover and Land Cover Dynamics	NNX08AE61A
<input type="checkbox"/>	Friedrichs, Marjorie	Primary Production from Space: A Comparative Study of Space-Based Algorithms and In Situ Measurements	NNX06AF72G and NNG06GA03G
<input type="checkbox"/>	Friedrichs, Marjorie	Primary Productivity Analysis and Predictions from an Assimilative Biogeochemical Ocean General Circulation Model	NNX07AF70G
<input type="checkbox"/>	Friedrichs, Marjorie	U.S. Eastern Continental Shelf Carbon Cycling (USECoS): modeling, data assimilation and analysis	in progress

<input type="checkbox"/>	Frolking, Steve	Imaging Impacts of Seasonal Water Stress on Vegetation at Basin to Regional Scales: Combining Optical and Microwave Remote Sensing with Hydrological Measurements to Understand Change	In progress
<input type="checkbox"/>	Frouin, Robert	Atmospheric Correction of MODIS Ocean Color in the Presence of Absorbing Aerosols	NNG05GR20G
<input type="checkbox"/>	Frouin, Robert	Fields of Nonlinear Regression Models for Inversion of Satellite Ocean-Color Data	NNX08AF65G
<input type="checkbox"/>	Fung, Inez	Towards Detection and Attribution of North American Carbon Sources and Sinks by Synthesis of In Situ FluxNet and CO2 Observations and Satellite Observations in Coupled Carbon-Climate Models	NNG05GB28G
<input type="checkbox"/>	Galford, Gillian	Biogeochemical consequences of land-use transitions along Brazil's agricultural frontier	NNX06AH34H
<input type="checkbox"/>	Geerken, Roland	Ecological Monitoring in Semi-Arid Central and West Asia	NNG06GA64G
<input type="checkbox"/>	Georgescu, Matei	Impact of Anthropogenic Land Use Land Cover Change on Climate and Hydrologic Cycle of a Semi-Arid Region	NNG04GQ47H
<input type="checkbox"/>	Gitelson, Anatoly	A Satellite-Based Quantification of Carbon Exchange of the Dominant Ecosystems (Maize-Soybean) in the NACP Mid-Continent Intensive (MCI) Region	In progress
<input type="checkbox"/>	Gitelson, Anatoly	LCLUC effect on surface water quality: Integrated MODIS and SeaWiFS assessment of the Dnieper and Don river basins and their reservoirs	NNG06GG17G
<input type="checkbox"/>	Glover, David	Marine Biological Responses to Meso- and Submesoscale Physical Forcing: A Multi-Sensor Approach	NNG05GR34G
<input type="checkbox"/>	Glover, David	Satellite Estimation of Air-Sea Gas Transfer During GasEx-3 Using QuikSCAT and Jason-1 Microwave Radars	NNX08AB73G
<input type="checkbox"/>	Gnanadesikan, Anand	Ocean color, carbon and circulation: Studies with an Earth System Model	NNX07AL81G
<input type="checkbox"/>	Goes, Joaquim	Climate change and its impact on the ecosystem of the Arabian Sea	NNX07AK82G
<input type="checkbox"/>	Goes, Joaquim	Estimating nitrate in the world's oceans from space and its utility to study environmental regulation of nitrate based new production in the Arabian Sea	NNG05GR13G
<input type="checkbox"/>	Goetz, Scott	Quantifying Changes in Northern High Latitude Ecosystems and Associated Feedbacks to the Climate System	In progress
<input type="checkbox"/>	Goetz, Scott	Urban Growth Impacts on Surface Hydrology and Stream Ecology in Watersheds of the Mid Atlantic and New England	NNG06GC43G
<input type="checkbox"/>	Golden, Keith	An Agent-Based Interface to Terrestrial Ecological Forecasting	389018.02.13.01.12
<input type="checkbox"/>	Gorbunov, Maxim	The application of lifetime analyses in the upper ocean to the interpretation of satellite-based solar induced fluorescence signals	NNX08AC24G
<input type="checkbox"/>	Gorsevski, Virginia	Impacts of conflict on land cover, fire dynamics, and biodiversity potential in the Imatong Mountains of Southern Sudan	NNX07AN79H
<input type="checkbox"/>	Goteti, Gopalakrishna	Explicit Representation of Lakes, Wetlands and Rivers in a Land Surface Model: A Framework for Coupling Terrestrial Biogeochemistry and Hydrology (Advisor Famiglietti, James S)	NNG05GP28H

<input type="checkbox"/>	Goulden, Michael	Mechanisms Controlling Annual, Interannual, and Decadal Changes in California's Carbon Budget	NNG05GD12G
<input type="checkbox"/>	Gourdji, Sharon	Evaluating the Biospheric and Fossil Fuel Components of North American CO2 Flux Using Auxiliary Environmental Data Within a Geostatistical Inverse Modeling Framework and Implications for Carbon Management	NNX07AN87H
<input type="checkbox"/>	Goward, Samuel	North American Forest Disturbance and Regrowth since 1972	NNG05GE55G
<input type="checkbox"/>	Goward, Samuel	Role of North America Forest Disturbance and Regrowth In NACP: Integrated Analyzes Of Landsat and U.S. Forest Service FIA Data - Phase 2	In progress
<input type="checkbox"/>	Graham, Catherine	Remote Sensing and Biodiversity in a Changing Climate	NNG05GB37G
<input type="checkbox"/>	Gramling, Joel	The Evaluation of Productivity Diverstiy Relationships Across Two Distinct Ecological Communities with Respect to Global Climate Change Using Local and Landscape Scale Data	NNG04GQ80H
<input type="checkbox"/>	Gregg, Watson	Advanced Studies in Aqua Ocean Data Assimilation	720817.04.12.01.53
<input type="checkbox"/>	Gregg, Watson	Development and Maintenance of an Ocean Color Time Series	281945.02.65.01.10 and 547714.04.06.02.01
<input type="checkbox"/>	Gregg, Watson	On the Distribution of Colored Dissolved Organic Matter in the Southern Ocean and the Potential for Photoproduction of CO2 and CO	281945.02.29.01.66
<input type="checkbox"/>	Gregg, Watson	Reducing Error in Global Ocean Chlorophyll Estimates	in progress
<input type="checkbox"/>	Grosse, Guido	Assessing the spatial and temporal dynamics of thermokarst and related carbon cycling in Siberia and Alaska (grants.gov)	In progress
<input type="checkbox"/>	Grossman, Dennis	Delineating Ecological Systems and Advancing Decision Support Tools for Land Use.	NNG04GC51A
<input type="checkbox"/>	Guild, Liane	Caribbean Bleaching Project	281945.02.29.01.06
<input type="checkbox"/>	Guild, Liane	Coral Reef Bleaching and Threats to Biodiversity	509496.02.08.01.05
<input type="checkbox"/>	Gurney, Kevin	High-Resolution Fossil Fuel Emission Estimates in Support of NACP CO2 Measurements and Assimilation System	NNX06AB37G
<input type="checkbox"/>	Hales, Burke	Development of algorithms for prediction of coastal CO2 air-sea fluxes using remote sensing	NNG05GH11G
<input type="checkbox"/>	Hanan, Niall	African Carbon Exchange II: a systems approach for diagnosis and prediction of carbon, vegetation and disturbance dynamics in the natural and anthropogenic grasslands, savannas and forests of Africa	In progress
<input type="checkbox"/>	Hanan, Niall	The Role of Africa in Terrestrial Carbon Exchange and Atmospheric CO2: Reducing Regional and Global Carbon Cycle Uncertainty	NNG04GE24G
<input type="checkbox"/>	Hansen, Andrew	Vulnerability of US National Parks ot land use and climate change variability	NNG06GF02G
<input type="checkbox"/>	Hansen, Matthew	Establishing a global forest monitoring capability using multi-resolution and multi-temporal remotely sensed data sets	NNG06GD95G

<input type="checkbox"/>	Hao, Wei Min	Daily, Weekly, Seasonal, and Interannual Variability in CO <sub>2</sub> , CO, and CH <sub>4</sub> Emissions from Biomass Burning in North America and their Impact on Atmospheric Chemical Composition	NNH05AA86I
<input type="checkbox"/>	Hargreaves, Bruce	Optical Properties in the Southern Ocean: In situ measurements of phytoplankton absorption using the pFPT-TR instrument in support of the Southern Ocean Carbon Program	NNX07AV23G
<input type="checkbox"/>	He, Ruoying	NIP05: Investigation of Coastal Phytoplankton Dynamics by Adjoint Data Assimilation of Satellite Ocean Color Data	NNX07AF62G
<input type="checkbox"/>	Helmuth, Brian	Forecasting biodiversity responses to climate change: MODIS to mussels	NNX07AF20G
<input type="checkbox"/>	Henebry, Geoffrey	Evaluation of the effects of institutional change on regional hydrometeorology: Assessing the vulnerability of the Eurasian semi-arid grain belt	NNG06GC22G
<input type="checkbox"/>	Herman, Jay	Atmospheric Corrections for Satellite Remote Sensing of Coastal Waters using UV and Visible Wavelengths from OMI and MODIS	281945.02.29.01.26
<input type="checkbox"/>	Hibbard, Kathy	Coupling Earth System Models and Earth Observation in the Northern High Latitudes -- An AIMES Workshop	NNX07AV43G
<input type="checkbox"/>	Hochberg, Eric	NIP03: Empirical radiative transfer corrections for deterministic coral reef remote sensing	NNG04GO65G
<input type="checkbox"/>	Hollinger, David	Scaling and Evaluation of Ecosystem Carbon Uptake Through Integration of Multi-Scale Remote Sensing with AmeriFlux and NACP Field Observations	NNH05AA45I
<input type="checkbox"/>	Hook, Simon	In-Flight Validation of ASTER, MODIS and VIIRS Mid and Thermal Infrared Data and Products for Earth Science	935096.04.04.01.10
<input type="checkbox"/>	Hope, Allen	Regional Hydrologic Response of Semi Arid Mediterranean Climate Watersheds to LCLU Variability: predictive models based on MODIS products	NNG05GR14G
<input type="checkbox"/>	Houghton, Richard	Sources and Sinks of Carbon from Land Use Change, Management, and Disturbance in the U.S.: Steps Toward a Synthesis	NNX06AF15G
<input type="checkbox"/>	Hu, Yongxiang	The lidar sub-surface perpendicular polarization returns: Creating a value-added CALIPSO ocean profile product	281945.02.29.01.57
<input type="checkbox"/>	Huete, Alfredo	Evaluation and Calibration of Vegetation Index Time Series Measurements for Multisensor ESDR/CDR	NNX08AC52A
<input type="checkbox"/>	Huntington, Thomas	Using remote sensing to understand carbon flow and its transformations from upland ecosystems into the coastal ocean	NNH04AA66I
<input type="checkbox"/>	Imhoff, Marc	Global Distribution of Human Appropriation of Fresh Water	281945.02.58.01.03
<input type="checkbox"/>	Ito, Taka	High-resolution modeling of the Southern Ocean carbon cycle based on ECCO state estimates	in progress
<input type="checkbox"/>	Jiang, Xiaoyan	Using Satellite Observations and a Fully Coupled Land-Atmosphere-Chemistry Model to Study the Coupling between Vegetation and the Hydrologic Cycle through Biogenic Emissions Pathways	NNX07AO28H
<input type="checkbox"/>	Jin, Xin	The Impacts of the Offshore Transport of Carbon and Nutrients from the Continental Margins on the Carbon Cycle and Air-Sea CO <sub>2</sub> Balance of the Pacific Ocean	in progress

<input type="checkbox"/>	Jin, Yufang	NIP05: Fire-induced Changes in Albedo and the Associated Radiative Forcing: a Comparison of Boreal Canada and Australia Tropical Savannas	
<input type="checkbox"/>	Judge, Jasmeet	Improved Estimation of Evapotranspiration and Recharge through Assimilation of Microwave Observations	NNG05GA16G
<input type="checkbox"/>	Juranek, Lauren	Improving Satellite-based Primary Productivity Estimates Using a New In Situ Isotope Technique	NNG04GQ51H
<input type="checkbox"/>	Justice, Christopher	Developing A Global Burned Area ESDR	In progress
<input type="checkbox"/>	Kane, Van	Spectral Mixture Analysis of ASTER Images to Estimate Forest Biomass and Habitat	NNX07AN75H
<input type="checkbox"/>	Kasischke, Eric	Assessing the impacts of fire and insect disturbance on the terrestrial carbon budgets of forested areas in Canada, Alaska, and the Western United States	In progress
<input type="checkbox"/>	Kasischke, Eric	Remote Monitoring of Changes in Forest Functional Types after Disturbance from Fire in the North American Boreal Region: Implications for Interpreting the Effects of Satellite-observed Changes in Vegetation Greenness on the Terrestrial Carbon Budget	NNX06AF85G
<input type="checkbox"/>	Kasischke, Eric	Wildfire Consumption of Ground-Layer Organic Matter in North American Boreal Forests and Peatlands: Implications for Atmospheric Trace Gas Emissions and Long-Term Soil Carbon Storage	NNG05GD25G
<input type="checkbox"/>	Kavanaugh, Maria T.	Understanding the determinants of resiliency of North Pacific marine systems using satellite-derived dynamic biophysical provinces	NNX07AO32H
<input type="checkbox"/>	Kawa, Stephan	Modeling the Global Atmospheric Carbon Cycle in Preparation for OCO Data	281945.02.61.01.54
<input type="checkbox"/>	Keeling, Ralph	Use of Atmospheric CO <sub>2</sub> , Radiometric Satellite Data, and Daily Climatic Data in a Coordinated Diagnostic Inversion and Process Model Study to Determine Regional and Global Terrestrial Carbon Storage and Exchange	NNG06GB98G
<input type="checkbox"/>	Keller, Michael	A Historical Reconstruction of Vegetation Change and a Carbon Budget for the Brazilian Cerrado Using Multiple Satellite Sensors and Historical Aerial Photography	In progress
<input type="checkbox"/>	Keller, Michael	Synthesis and Integration of Ecological Research within the Large Scale Biosphere -Atmosphere Experiment in Amazonia (LBA) and Science Support for LBA-ECO	NNH05AA46I
<input type="checkbox"/>	Kellndorfer, Josef	The National Biomass and Carbon Dataset 2000: A High Spatial Resolution Baseline to Reduce Uncertainty in Carbon Accounting and Flux Modeling	NNG05GI27G
<input type="checkbox"/>	Kempler, Steven	Integrating NASA Earth Science Enterprise Data into Global Agricultural Decision Support Systems	389018.02.13.01.13
<input type="checkbox"/>	Kennedy, Christina	Impacts of Land Cover and Land Use Change on Bird Communities of the Mayan Forests of the Southern Yucatan Peninsula	NNG04GQ79H
<input type="checkbox"/>	Kimes, Daniel	Model Inversion of Multiple-Sensor Data for Forest Biophysical Parameters Retrieval	281945.02.62.01.10
<input type="checkbox"/>	Kindle, John	Climate change and its impact on the ecosystem of the Arabian Sea	NNH07AF61I
<input type="checkbox"/>	King, Anthony	The State of the Carbon Cycle: North America	NNH04AC29I

<input type="checkbox"/>	Knyazikhin, Yuri	Vegetation Biophysical Parameter Suite from MISR for Ecological Applications	In progress
<input type="checkbox"/>	Kolka, Randall	Testing the flux tower upscaling hypothesis at a regional scale in a complex landscape	NNH05AA57I
<input type="checkbox"/>	Kopacz, Monika	Constraining CO sources and CO2 surface fluxes using satellite observations and a 4-dimensional variational data assimilation technique	NNX06AF54H
<input type="checkbox"/>	Koziana, James	Evaluate the Utility of CALIPSO Data for Ocean Color Application	281945.02.29.01.35
<input type="checkbox"/>	Krakauer, Nir	Calibrating the Dependence of Air-Sea Gas Exchange on Windspeed with Ocean and Atmosphere Tracer Measurements (Advisor Schneider, Tapio)	NNG05GR46H
<input type="checkbox"/>	Krankina, Olga	NELDA: Monitoring and Validating the distribution and change in land cover across northern Eurasia	NNG06GF54G
<input type="checkbox"/>	Kropuenske, Lindsey Rae	Modeling air-sea CO2 fluxes in the Southern Ocean using a multi-satellite approach	NNX07AO23H
<input type="checkbox"/>	Kulkarni, Madhura	Getting Rid of Reactive Nitrogen: Quantifying Denitrification Rates in Forest Soils of the Northeastern USA Using Remotely Sensed Data and Modeling (Advisor Yavitt, Joseph B)	NNG05GP86H
<input type="checkbox"/>	Laidre, Kristin	The Fractured Arctic Sea Ice Landscape and the Movements of Belugas and Narwhals	In progress
<input type="checkbox"/>	Lawton, Robert	Forest Structure and Biodiversity on a Steep Geophysical Gradient: The Cloud Forest Lee Margin	NNX06AB68G
<input type="checkbox"/>	Lee, ZhongPing	An IOP centered system to correct the directional effects of water-leaving radiance for both oceanic and coastal waters	NNH06AE55I
<input type="checkbox"/>	Lee, ZhongPing	Optical Properties in the Southern Ocean: In situ and satellite observations in support of Southern Ocean Carbon Program	NNH08AH04I
<input type="checkbox"/>	Lefsky, Michael	Spatially-explicit Estimates of Forest Biomass in the Amazon Basin using MODIS and the Geoscience Laser Altimeter System	NNG06GE11A
<input type="checkbox"/>	Lefsky, Michael	Using the Geoscience Laser Altimeter System to Predict Forest Height and Biomass	NNG04GO73G
<input type="checkbox"/>	Leifer, Ira	Remotes-Sensing Methane Emissions: Field Validation with Seepage from Marine, Urban, and Submerged City Sources	NNX07AC89G
<input type="checkbox"/>	Leptoukh, Gregory	NASA Earth Sciences Data Support System and Services for Northern Eurasia Earth Science Partnership Initiative	547714.04.11.15.00
<input type="checkbox"/>	Lettenmaier, Dennis	Diagnosis and prognosis of changes in lake and wetland extent on the regional carbon balance of Northern Eurasia	NNG05GD17G
<input type="checkbox"/>	Lettenmaier, Dennis	Diagnosis and prognosis or changes in lake and wetland extent on the regional carbon balance of northern Eurasia	In progress
<input type="checkbox"/>	Levine, Elissa	GLOBE: Understanding Environmental Variability and Change through Modeling Soil Processes	281945.02.64.01.09
<input type="checkbox"/>	Levine, Elissa	Monitoring Seasons through Global Learning Communities (MSTGLC)	281945.02.61.01.32

<input type="checkbox"/>	Levine, Elissa	Transformation of larch-dominated forests and woodlands into mixed taiga	509496.02.08.01.32
<input type="checkbox"/>	Li, Changsheng	Quantifying CO2 fluxes from Boreal Forests in Northern Eurasia	NNG05GH80G
<input type="checkbox"/>	Li, Fuyu	Emission, transport and deposition of mineral dust in the Southern Oceans and Antarctica: an integrated approach using GCM and satellite observations	NNX07AN68H
<input type="checkbox"/>	Liang, Shunlin	Mapping High-Resolution Incident Photosynthetically Active Radiation Product for the North American Carbon Program	NNG05GD10G
<input type="checkbox"/>	Liang, Shunlin	Mapping high-resolution surface radiative fluxes from MODIS	NNX08AC53G
<input type="checkbox"/>	Liang, Shunlin	Producing High-Resolution Land Surface Incident PAR Product from Multiple Satellite Data	NAG5-12892
<input type="checkbox"/>	Lindquist, Erik	Using MODIS and Landsat data to advance regional, high-spatial resolution change monitoring for the humid tropical forests of the Congo Basin	NNX07AO57H
<input type="checkbox"/>	Lipscomb, Monica	Urban Landscape Patterns: Impacts on Hydrologic Processes and Nitrogen Pollution	
<input type="checkbox"/>	Liu, Jack	Forest Structure and Distribution across the Geographic Range of the Giant Panda: Up-scaling from Plots to the Entire Region	NNG06GI29G
<input type="checkbox"/>	Liu, Jianguo	Landscape Ecology Workshop	NNG06GB51G
<input type="checkbox"/>	Loarie, Scott	Remote Sensing and African Eephant Conservation on a Sub Continental Scale: Using Satellite Telemetry and Spectral Datasets to Model Resource Selection and Movements (Advisor Pimm, Stuart L)	NNG05GP44H
<input type="checkbox"/>	Loboda, Tatiana	Impacts of Climate and Land Use Change on the Frequency of Catastrophic Fires and the Siberian Tiger	NNG04GR15H
<input type="checkbox"/>	Lohrenz, Steven	Satellite Assessments of regional pCO2 distributions and air-sea fluxes of carbon dioxide in a river dominated margin	NNG05GD22G
<input type="checkbox"/>	Lovenduski, Nicole	Impact of the Southern Annular Mode on Southern Ocean Circulation and Biogeochemistry (Advisor Gruber, Nicolas)	NNG05GP78H
<input type="checkbox"/>	Lyapustin, Alexei	Development of well-calibrated multi-sensor surface reflectance data record	935096.04.04.01.09
<input type="checkbox"/>	Mannino, Antonio	Improving coastal ocean color validation capabilities through application of IOPs	281945.02.29.01.33
<input type="checkbox"/>	Mannino, Antonio	NIP03: Dynamics of coastal ocean dissolved organic matter	423246.02.03.01.04
<input type="checkbox"/>	Manson, Steven	NIP05: North American Land Change: Integrated Research and Education on Decision Making in Coupled Human-Environment Systems	NNX06AH33G
<input type="checkbox"/>	Maritorena, Stephane	Algorithm refinement for ocean color ESDR's	NNX08AF99A
<input type="checkbox"/>	Marra, John	Phytoplankton Absorption and Carbon Dioxide Drawdown in the Southern Ocean: A Consortium of Observations	NNX07AV24G

<input type="checkbox"/>	Masek, Jeffrey	A Community-Driven, North American Disturbance Record and Processing System for Land Satellite Data	281945.02.61.01.05
<input type="checkbox"/>	Masek, Jeffrey	A Satellite-Based Quantification of Carbon Exchange of the Dominant Ecosystems (Maize-Soybean) in the NACP Mid-Continent Intensive (MCI) Region	281945.02.61.01.45
<input type="checkbox"/>	Masek, Jeffrey	Building a Community Land Cover Change Processing System	547714.04.11.14.00
<input type="checkbox"/>	Masek, Jeffrey	NELDA: Monitoring and Validating the distribution and change in land cover across northern Eurasia	281945.02.58.01.05
<input type="checkbox"/>	Masek, Jeffrey	North American Forest Disturbance and Regrowth since 1972: Empirical Assessment with Field Measurements and Satellite Remote Sensing Observations	281945.02.63.01.10
<input type="checkbox"/>	Masek, Jeffrey	Recent North American Forest Dynamics via Integration of ASTER, MODIS, and Landsat Reflectance Data	921266.04.12.01.05
<input type="checkbox"/>	Masek, Jeffrey	Role of North America Forest Disturbance and Regrowth In NACP: Integrated Analyzes Of Landsat and U.S. Forest Service FIA Data - Phase 2	596741.02.01.01.05
<input type="checkbox"/>	Masuoka, Edward	A 0.05 Degree Global Climate/Interdisciplinary Long Term Data Set from AVHRR, MODIS and VIIRS Instruments	547714.04.06.04.01
<input type="checkbox"/>	Matrai, Patricia	Organic Matter Metabolism in a coastal ocean ecosystem	NNG05GC74G
<input type="checkbox"/>	McCarty, Jessica	Seasonal and Interannual Variability of Greenhouse Gas Emissions from Crop Residue Burning in the Contiguous United States (Advisor Justice, Christopher)	NNG05GP88H
<input type="checkbox"/>	McClain, Charles	Evaluations of the VIIRS Sensor Performance and Operational NPOESS Ocean Product Algorithms	935096.04.04.01.16
<input type="checkbox"/>	McClain, Charles	MODIS Aqua and Terra Calibration and Validation Analyses in Support of Ocean Products	720817.04.12.01.51
<input type="checkbox"/>	McDonald, Kyle	Diagnosis and Prognosis of Changes in lake and wetland extent on the regional carbon balance of Northern Eurasia	281945.02.58.01.21.01
<input type="checkbox"/>	McDonald, Kyle	Mapping Wetlands Dynamics for Reducing Uncertainties in the Boreal North American Carbon Budget	in progress
<input type="checkbox"/>	McDonald, Kyle	Satellite Monitoring of Landscape Freeze-Thaw State and Associated Constraints to the North American Carbon Budget	281945.02.61.01.28
<input type="checkbox"/>	McGillicuddy, Dennis	A regional eddy-resolving carbon cycle model surrounding the Bermuda Atlantic Time-series study (BATS) site: analysis of remotely sensed and in situ observations	NNG04GR22G
<input type="checkbox"/>	McGillicuddy, Dennis	Carbon cycling in the North Atlantic from regional to basin scales: satellite data, in situ observations, and numerical models	in progress
<input type="checkbox"/>	McKinley, Galen	Air-sea CO2 flux variability in the North Atlantic: Estimating magnitudes, understanding mechanisms	NNG05GF94G
<input type="checkbox"/>	McPhaden, Michael	The Equatorial Box Project	NNH05AA44I
<input type="checkbox"/>	Melillo, Jerry	Land-atmosphere Exchanges of Carbon Dioxide and Nitrous Oxide Associated with Agricultural Expansion in the Brazilian Amazon	NNG06GE20A

<input type="checkbox"/>	Mena, Carlos	Land Use Land Cover Trajectories in the Northern Ecuadorian Amazon Drivers Feedbacks Uncertainties and Spatial Simulations	NNG04GR12H
<input type="checkbox"/>	Meyer, Kerry	Survey of Tropical Cirrus Cloud Optical Thickness using MODIS Data	NNG04GQ92H
<input type="checkbox"/>	Michalak, Anna	Constraining North-American Fluxes of Carbon Dioxide and Inferring their Spatiotemporal Covariances through Assimilation of Remote Sensing and Atmospheric Data in a Geostatistical Framework	NNX06AE84G
<input type="checkbox"/>	Michalak, Anna	Mapping Global CO <sub>2</sub> : Development and application of geostatistical algorithms for gap filling and uncertainty assessment for the Orbiting Carbon Observatory	In progress
<input type="checkbox"/>	Middleton, Elizabeth	Direct Satellite Inference of Ecosystem Light Use Efficiency for Carbon Exchange using MODIS on Terra and Aqua	281945.02.63.01.07
<input type="checkbox"/>	Middleton, Elizabeth	Spectral Bio-Indicators of Ecosystem Photosynthetic Efficiency	281945.02.62.01.13
<input type="checkbox"/>	Miller, Charles	Improving Carbon Source/Sink Estimates Using Atmospheric CO <sub>2</sub> Vertical Profile Constraints	596741.02.01.01.10
<input type="checkbox"/>	Miller, John	Evaluation and Estimation of Surface Trace Gas Fluxes from Aircraft Measurements above the Amazon	NNG06GE14A
<input type="checkbox"/>	Miller, Richard	On the Distribution of Colored Dissolved Organic Matter in the Southern Ocean and the Potential for Photoproduction of CO <sub>2</sub> and CO	281945.02.29.01.65
<input type="checkbox"/>	Miller, Scott	The Effects of Selective Logging on Carbon Dioxide and Energy Exchange in Tapajos National Forest	NNG06GD29A
<input type="checkbox"/>	Miller, Wayne	A Global Tropical Forest Information Center	NNH05AB18I
<input type="checkbox"/>	Miller, William	Using Ocean Color to Quantify the Significance of Marine Photochemistry to CO and Carbon Cycling in the South Atlantic Bight	NNX07AD85G
<input type="checkbox"/>	Mitchell, B Gregory	Spatial and Temporal Variability in Chlorophyll, Primary Production and Export Production in the Southern Ocean	NNG05GR23G
<input type="checkbox"/>	Moghaddam, Mahta	Mapping Wetlands Dynamics for Reducing Uncertainties in the Boreal North American Carbon Budget	In progress
<input type="checkbox"/>	Moisan, John	Use of Satellite-Derived CDOM Absorption to Estimate Ocean Mixed Layer Depths	281945.02.29.01.48 and 296451.04.05.01.01
<input type="checkbox"/>	Moisan, Tiffany	Using Mycosporine-like Amino Acids as Taxonomic Indicators in Remote Sensing Reflectance	281945.02.29.01.27
<input type="checkbox"/>	Moisen, Gretchen	Role of North America Forest Disturbance and Regrowth In NACP: Integrated Analyzes Of Landsat and U.S. Forest Service FIA Data - Phase 2	In progress
<input type="checkbox"/>	Moody, Aaron	Testing and Extending Biodiversity Paradigms and their Sensitivities to Scale through Integration of in situ and Satellite Data	NNG06GI70G
<input type="checkbox"/>	Moore, Berrien	Advancing Our Understanding of the Earth System Through Coupled Carbon-Climate Modeling and Observations	NNX07AH32G
<input type="checkbox"/>	Moore, Jefferson	Physical and Biological Controls on the Southern Ocean Carbon Cycle	NNX08AB76G

<input type="checkbox"/>	Moore, Jefferson	Physical-Biological Interactions in the Marginal Ice Zone of the Southern Ocean	NNG05GR25G
<input type="checkbox"/>	Morain, Stanley	Covering NASA Mission Measurements and Products with the Rapid Syndrome Validation Project (RSVP) Decision Support System to Validate and Benchmark Public Health Medical Alerts and Early Warning Forecasts	
<input type="checkbox"/>	Moran, Emilio	Human and Physical Dimensions of LCLUC in Amazonia: Phase III, Towards Sustainability	NNG06GD86A
<input type="checkbox"/>	Morisette, Jeffrey	Analysis of Long-term Fire Dynamics and Impacts in the Amazon using Integrated Multi-source Fire Observations	281945.02.63.01.13
<input type="checkbox"/>	Morisette, Jeffrey	Improving access to Land and Atmosphere science products from Earth Observing Satellites: helping NACP investigators better utilize MODIS data products	547714.04.11.16.00
<input type="checkbox"/>	Morisette, Jeffrey	Maintaining NASAs Land Product Validation Infrastructure and Using Related Data for Model Sensitivity Studies	921266.04.12.01.35
<input type="checkbox"/>	Morrison, John	NIP03: Real Time Observations and Interpretation of Solar Radiation in Coastal Waters of New England: Phytoplankton Fluorescence, Ocean Color, and Heating	NNG04GO53G
<input type="checkbox"/>	Morrison, John	Use of the Martha's Vineyard Coastal Observatory (MVCO) to assess ocean color products in Northeast coastal waters	NNX07AB20G
<input type="checkbox"/>	Morse, John	Ocean Acidification of the Greater Caribbean Region 1999 - 2009	in progress
<input type="checkbox"/>	Morton, Douglas	Savannization of a Tropical Forest Frontier: Carbon Consequences of Climate and Anthropogenic Fire from a Height-Structured Ecosystem Model (Advisor DeFries, Ruth S.)	NNG05GP39H
<input type="checkbox"/>	Mouw, Colleen	Inversion of Sea Spectral Reflectance to Obtain Phytoplankton Community Size Structure: Methodology and Ecological Implications (Advisor Yoder, James A)	NNG05GP91H
<input type="checkbox"/>	Munroe, Darla	A comprehensive statistical analysis system to associate LCLUC and regional aerosol composition and concentration	NNG06GD31G
<input type="checkbox"/>	Murphy, Kevin	A Multi Sensor Approach to Identifying Trends of Anthropogenic and Natural Change in Orangutan Habitat	NNG04GR08H
<input type="checkbox"/>	Myneni, Ranga	Global Products of Leaf Area Index and Fraction Vegetation Absorbed PAR from the Terra/Aqua MODIS and NPP VIIRS Sensors: Algorithm Refinement and Cal/Val for ESDR Proposal	In progress
<input type="checkbox"/>	Nagol, Jyoteshwar R.	Quantification of Error in Global Long-Term Vegetation Index Records	NNX07AN86H
<input type="checkbox"/>	Nair, Udaysankar	NIP05: Investigation of microclimatic changes associated with tropical forest fragmentation using remote sensing and numerical modeling	NNX06AF09G
<input type="checkbox"/>	Narayan, Ujjwal	A High Resolution Soil Moisture Change Detection Algorithm for Land Surface Hydrology Applications (Advisor Lakshmi)	
<input type="checkbox"/>	Nelson, Norman	Augmentation for BBOP project under EOS Recompete	NNG04GM15G
<input type="checkbox"/>	Nelson, Norman	Bermuda Bio-Optics Project: Biological and biogeochemical responses to decade-scale climate forcing	in progress

<input type="checkbox"/>	Nelson, Ross	A Realistic Analysis of the Variability of Carbon Estimates Using Airborne and Space Lidar	281945.02.63.01.08
<input type="checkbox"/>	Nelson, Ross	Using the ICESAT-GLAS LiDAR to Estimate the Amount, Spatial Distribution, and Statistical Uncertainty of Aboveground Carbon Stocks of the North American Boreal Forest	281945.02.61.01.53
<input type="checkbox"/>	Nepstad, Daniel	Integration of land use, fire, and carbon flux in critical Amazon landscapes: the Xingu river headwaters and the BR163 highway corridor	NNG06GE02A
<input type="checkbox"/>	Neuenschwander, Amy	Characterization of the Interaction Between Water and Vegetation in the Okavango Delta Botswana	NNG04GR09H
<input type="checkbox"/>	Nevison, Cynthia	Southern Ocean export flux and air-sea O <sub>2</sub> /N <sub>2</sub> exchange: A synthesis of atmospheric O <sub>2</sub> /N <sub>2</sub> measurements, satellite data and direct observations	NNX08AB48G
<input type="checkbox"/>	Ngugi, Moffatt	Characterizing Key Resource Areas in Kenya by Remote Sensing	NNG04GQ88H
<input type="checkbox"/>	Nicholson, David	Combining Altimetry, Scatterometry and Ocean Color with in situ Seaglider measurements to quantify and investigate biological oxygen production	NNX06AF55H
<input type="checkbox"/>	O'Connell, Kari	NIP04: Effects of fire management on fuels along fire regime and forest productivity gradients in Oregon - Implications for long-term carbon dynamics	NNG04GR43G
<input type="checkbox"/>	Ogle, Stephen	Resolving Net CO <sub>2</sub> Exchange in the Mid-Continent Region of North America by Comparing and Reconciling Results from Inverse Modeling and Inventory-Based Approaches	In progress
<input type="checkbox"/>	Ojima, Dennis	Northern Eurasian C-Land Use Climate Interaction in the Semi-Arid Regions	NNG05GA33G
<input type="checkbox"/>	Ollinger, Scott	Exploring Relationships among Carbon Cycling, Vegetation Nitrogen Status and Surface Albedo across North American Ecosystems to Improve Land Surface Models	In progress
<input type="checkbox"/>	Ollinger, Scott	Scaling and Evaluation of Ecosystem Carbon Uptake Through Integration of Multi-Scale Remote Sensing with AmeriFlux and NACP Field Observations	NNG05GE89G
<input type="checkbox"/>	Pabi, Sudeshna	Determine Taxon Specific POC Using Remote Sensing	NNG04GR13H
<input type="checkbox"/>	Pau, Stephanie	Predicting Species Richness of Hawaiian Dry Forest Using NDVI (Advisor Gillespie, Thomas Welch)	NNG05GP81H
<input type="checkbox"/>	Perry, Mary Jane	Reducing uncertainty in the marine carbon cycle by coupling satellite and in-water robotic measurements	in progress
<input type="checkbox"/>	Peterson, Markus	Integrating Remotely-Sensed Imagery and Social Surveys for Sustainability: the Case of US/Mexico Borderlands	NNX06AF89H
<input type="checkbox"/>	Pickle, John	Measuring Vegetation Health	NNG04GH14A
<input type="checkbox"/>	Pidgeon, Anna	Effects of fire, extreme weather, and anthropogenic disturbance on avian biodiversity in the United States	NNX07AL14G
<input type="checkbox"/>	Pinker, Rachel	Support for the International Workshop on Global Dimming/Brightening	NNX07AT81G
<input type="checkbox"/>	Policansky, David	U.S. National Committee for SCOPE	NNG05GB11G

<input type="checkbox"/>	Potter, Christopher	Modeling and Synthesis of the Effects of Land Use Change on Carbon and Trace Gas Budgets over the Amazon Region	281945.02.63.01.05
<input type="checkbox"/>	Potter, Christopher	Modeling the Terrestrial Carbon Cycle with Land Cover Disturbance Based on Satellite Remote Sensing	596741.02.01.01.09
<input type="checkbox"/>	Powers, Jennifer	NIP05: A Regional-Scale Analysis of Regenerating Tropical Dry Forests in Costa Rica: Measurements and Models of the Linkages among Biodiversity, Ecosystem Function and Carbon Storage	NNX06AE35G
<input type="checkbox"/>	Privette, Jeffrey	The Role of Africa in Terrestrial Carbon Exchange and Atmospheric CO <sub>2</sub> : Reducing Regional and Global Carbon Cycle Uncertainty	281945.02.61.01.04
<input type="checkbox"/>	Radeloff, Volker	Post-USSR Land Cover Change in Eastern Europe -Socioeconomic Forcings, Effects on Biodiversity, and Furture Scenarios	NNG05GA74G
<input type="checkbox"/>	Radeloff, Volker	Remote Sensing and Avian Biodiversity Patterns in the United States	NNG06GJ00G
<input type="checkbox"/>	Rahman, Abdullah	Using MODIS Ocean Bands to Augment Direct Satellite Estimation of Terrestrial Carbon Flux: A Novel Approach	NNX07AO66G
<input type="checkbox"/>	Ramankutty, Navin	Carbon emissions from changes in agricutura and	NAG5-13351
<input type="checkbox"/>	Randerson, James	Global fire emissions derived from Terra and Aqua satellites	In progress
<input type="checkbox"/>	Reifel, Kristen	Investigating the Role of Stormwater Runoff on Coastal Phytoplankton Community Structure in Southern California	NNX06AF70H
<input type="checkbox"/>	Richey, Jeffrey	Connectivity of the Landscape of Southeast Asia with the South China Sea: Scaling of Hydrologic and Biogeochemical Processes	NNX07AL78G
<input type="checkbox"/>	Richey, Jeffrey	From Small Streams to the Sea: A Multi-scale Synthesis of Carbon and Hydrological Dynamics across the Amazon Landscape	NNG06GG92G
<input type="checkbox"/>	Riley, William	Mechanisms Controlling Annual, Interannual, and Decadal Changes in California's Carbon Budget.	NNH05AA58I
<input type="checkbox"/>	Roberts, Dar	Multisite Integration of Lidar and Hyperspectral Data for Improved Estimation of Carbon Stocks and Exchange	NNG05GE56G
<input type="checkbox"/>	Running, Steven	Carbon Dynamics of Tropical Savannas: Integrating Remote Sensing and Ground-Based Observations through Model-Data Assimilation	NNG05GG13G
<input type="checkbox"/>	Running, Steven	Validation, improvement and applications of MODIS global terrestrial primary production MOD 17 and a test MODIS evapotranspiration product.	In progress
<input type="checkbox"/>	Rykaczewski, Ryan R.	Remote sensing of climate change controlling production of small pelagic fish	NNX07AO31H
<input type="checkbox"/>	Saatchi, Sassan	African Carbon Exchange II: a systems approach for diagnosis and prediction of carbon, vegetation and disturbance dynamics in the natural and anthropogenic grasslands, savannas and forests of Africa	281945.02.61.01.47
<input type="checkbox"/>	Saatchi, Sassan	Requirements for Spaceborne Fusion of Lidar and Radar Measurements of Forest 3-D Structure and Above-ground Biomass	281945.02.62.01.12.01
<input type="checkbox"/>	Saenz, Benjamin	Multi-Decadal, Multi-Sensor Investigation of Primary Production within the Antarctic Ice Pack	NNX06AF86H

<input type="checkbox"/>	Saleska, Scott	Carbon Balance in Amazon Forests from Site to Region: Integrating Remote Sensing from Satellites and Aircraft with Ground-based Tower and Biometric Data	NNG06GI49A
<input type="checkbox"/>	Salisbury, Joseph	Lagrangian tracking of satellite products with a numerical model: A new method for diagnosing net community production and carbon export in the ocean	in progress
<input type="checkbox"/>	Salisbury, Joseph	NIP05: A novel approach toward the estimation of net ecosystem metabolism in estuary-plume systems using optical and modeled data	NNX06AE29G
<input type="checkbox"/>	Sanderson, Eric	Monitoring of Large Wildlife Directly through High Spatial Resolution Remote Sensing: experimental and in Situ Approaches	NNG04GP73G
<input type="checkbox"/>	Sarabandi, Kamal	Use of Radar Data for Large-scale Monitoring of Biomass Change in the Amazon	NNG05GA75G
<input type="checkbox"/>	Sarmiento, Jorge	Application of Novel Satellite Carbon Biomass to Develop Ecosystem Models Capable of Predicting Climate Change	NNG06GE77G
<input type="checkbox"/>	Schaaf, Crystal	A Daily BRDF/Albedo Algorithm for MODIS Direct Broadcast Sites	NNG04GP09G
<input type="checkbox"/>	Schaaf, Crystal	Global Land Surface Albedo and Anisotropy Products from MODIS and VIIRS for Climate and Vegetation Studies	In progress
<input type="checkbox"/>	Schnase, John	REASON CAN	389018.02.13.01.34
<input type="checkbox"/>	Schneider, Philipp	An Integrated Dynamic and Predictive Model of Wildfire Risk in Southern California Using MODIS Imagery	NNG04GQ77H
<input type="checkbox"/>	Schofield, Oscar	Bioinformatic Mapping of Ocean Biogeochemical Provinces	NNG06GH75G
<input type="checkbox"/>	Schroeder, Wilfrid	Integrated System of Systems for Vegetation Fire Monitoring	NNG05GP77H
<input type="checkbox"/>	Schull, Mitchell A.	Retrieving vertical and horizontal canopy structure from synergistic analysis of multi-angle and Lidar data	NNX07AO41H
<input type="checkbox"/>	Schultz, Patrick	Towards and Integrated System of Systems for Vegetation Fire Monitoring (Advisor Justice, Christopher)	NNG05GP41H
<input type="checkbox"/>	Sever, Thomas	A Regional Monitoring and Visualization System for the Mesoamerican Biological Corridor and Beyond	547714.04.06.18.01 and 389018.02.13.01.90
<input type="checkbox"/>	Sever, Thomas	Environmental Stability of Forest Corridors in the Mesoamerican Biological Corridor region	509496.02.08.01.31
<input type="checkbox"/>	Sexton, Joseph	Application of Novel Satellite Observations of Phytoplankton Carbon Biomass and Growth Rates to Develop an Empirical Ocean Ecosystem Model (Advisor Sarmiento, Jorge L)	NNG05GP55H
<input type="checkbox"/>	Sheldon, Sage	Estimating North American Carbon Using ICESat Observations	NNX06AF99H
<input type="checkbox"/>	Sheng, Yongwei	NIP05: Satellite-based lake dynamics in the Tibetan Plateau in the context of global change	NNX06AE58G
<input type="checkbox"/>	Shepherd, Marshall	The Impact of Urbanization on Climate: Integrated Modeling to Couple Urban Growth, Land Use Change and Weather-Climate	NNX06AH50G

<input type="checkbox"/>	Shrestha, Milan	Smallholders Land Use Strategies and Land cover Change in the Nepal Himalaya Integrating Household and Community Data with Remote Sensing Applications	NNG04GQ16H
<input type="checkbox"/>	Shugart, Herman	Evaluation of Habitat Availability for Large Carnivores Under a Changing Climate and Disturbance Regime: the Amur Tiger and Amur Leopard Case Study	NNX07AF10G
<input type="checkbox"/>	Shugart, Herman	Modeling the carbon dynamics of the Eurasian Boreal Forest	NNG05GN69G
<input type="checkbox"/>	Siegel, David	Chromophoric DOM: An Ignored Photoactive Tracer of Geochemical Process	NAG5-13277
<input type="checkbox"/>	Siegel, David	Ocean Color Study of Plumes and Blooms in the Santa Barbara Channel	NNX08AG82G
<input type="checkbox"/>	Siegel, David	Remote Assessment of Giant Kelp Dynamics-The Engineer of California's Nearshore Ecosystems.	NNX07AF08G
<input type="checkbox"/>	Siqueira, Paul	The impact of temporal decorrelation on InSAR vegetation 3-D structure retrieval algorithms	NNG06GJ24G
<input type="checkbox"/>	Skole, David	A Global Tropical Forest Information Center	NNG04GG77A
<input type="checkbox"/>	Skole, David	Global Rates and Extent of Tropical Deforestation, Forest Regeneration, Selective Logging and Fragmentation	NNG04GN67G
<input type="checkbox"/>	Smith, James	Forecasting the effects of wetland loss and inter-annual variation on the fitness of migratory bird species	509496.02.08.01.33
<input type="checkbox"/>	Smith, Katherine Allison	Forecasting change to biogeographic boundaries using remotely sensed data	NNX07AO50H
<input type="checkbox"/>	Smith, Steven	Projections of Land-Use Change and the Carbon Cycle: Atmospheric and Policy Consequences	NNG05GF18G
<input type="checkbox"/>	Soja, Amber	Wildfire, Ecosystems and Climate in Siberia	NNG06GJ12G
<input type="checkbox"/>	Sokolik, Irina	Understanding the role of LCLUC and atmospheric dust loading and their coupling on climate change in the NEESPI study domain drylands	NNG06GF63G
<input type="checkbox"/>	Song, Conghe	NIP05: Impacts of Land-Cover/Land-Use Change on Terrestrial Ecosystem Carbon Budget	NNX06AE28G
<input type="checkbox"/>	Stackhouse, Paul	Wildfire, ecosystems, and climate in Siberia	281945.02.58.01.11
<input type="checkbox"/>	Steissberg, Todd	Using Remote Sensing to Quantify Particulate and Solute Fluxes in Aquatic Systems	NNG04GQ96H
<input type="checkbox"/>	Stickler, Claudia	Alternative Landscapes Along the Amazons Frontier: Simulating Future Land Use and Carbon Dynamics in the Xingu River Headwaters Region (Advisor Southworth, Jane)	NNG05GP49H
<input type="checkbox"/>	Still, Christopher	NIP04: C4 Photosynthesis and the Carbon Cycle	NNG04GR45G
<input type="checkbox"/>	Strahler, Alan	Retrieval of Vegetation Structure and Carbon Balance Parameters Using Ground-Based Lidar and Scaling to Airborne and Spaceborne Lidar Sensors	NNG06GI92G
<input type="checkbox"/>	Stramska, Malgorzata	Seasonal and interannual variability in the vertical flux of particulate organic carbon in the north polar Atlantic	NNX08AG02G

<input type="checkbox"/>	Strutton, Peter	Remote sensing of Southern Ocean air-sea CO2 fluxes	in progress
<input type="checkbox"/>	Subramaniam, Ajit	Varied Waters and Dusty Skies III: The Use of Satellite Ocean Color Data Products to Study the Eastern Tropical Atlantic Ocean	NNG05GR37G
<input type="checkbox"/>	Sun, Guoqing	Model Inversion of Multiple-Sensor Data for Forest Biophysical Parameters Retrieval	NNG06GI33G
<input type="checkbox"/>	Swan, Chantal	Cycling of colored dissolved organic matter in the open ocean: application of photolysis measurements to global satellite observations	NNX06AF90H
<input type="checkbox"/>	Swatantran, Anuradha	Mapping habitat for the Ivory-billed Woodpecker and the California Spotted Owl: A Multi-Sensor fusion approach	NNX06AF91H
<input type="checkbox"/>	Thijs, Ann	Changes in Carbon Dynamics Due to Woody Encroachment on the Edwards Plateau (Advisor Litvak, Marcy Ellen)	NNG05GP56H
<input type="checkbox"/>	Thome, Kurtis	Reflectance-Based Calibration of Terra and Aqua Imaging Sensors in the Solar Reflective	NNX08AC55A
<input type="checkbox"/>	Tiffany, Mary	Remote Sensing of Periodic Sulfide Events and Chlorophyll Concentrations in the Salton Sea California	NNG05GB55H
<input type="checkbox"/>	Toon, Geoffrey	The Total Carbon Column Observing Network (TCCON): Ground-based Observations in Support of the Orbiting Carbon Observatory	596741.02.01.01.12
<input type="checkbox"/>	Toro Farmer, Gerardo	MONITORING SEDIMENT RESUSPENSION IN CORAL REEFS AND SEAGRASS BEDS WITH MODIS AND ASTER SENSORS	NNX06AF22H
<input type="checkbox"/>	Townshend, John	Enhanced Land Cover and Land Cover Change Products from MODIS	In progress
<input type="checkbox"/>	Townshend, John	GLCF support	NNG04GC53A
<input type="checkbox"/>	Townshend, John	Global Land Cover Facility (REASoN)	NNG04GC53A and NNX07AR14G
<input type="checkbox"/>	Treuhaft, Robert	Toward Regional 3-Dimensional Tropical-Forest Structure and Biomass from Interferometric SAR	281945.02.63.01.39
<input type="checkbox"/>	Tubiello, Francesco	Carbon, Climate and Managed Land in Ukraine: Integrating Data and Models of Land Use for NEESPI	NNG05GE85G
<input type="checkbox"/>	Tucker, Compton	Identifying and Understanding 25 Years of North American Carbon Cycle Disturbances	281945.02.58.01.47
<input type="checkbox"/>	Tucker, Compton	Identifying and Understanding Carbon Cycle Implications of North American Natural and Anthropogenic Disturbance: 1982-2005	281945.02.63.01.09
<input type="checkbox"/>	Turner, Billie	Landscape vulnerability-resilience in the southern Yucatan Penninsular region (SYPR)	NNG06GD98G
<input type="checkbox"/>	Twardowski, Michael	Improving coastal ocean color validation through application of IOPs	NNX06AH32G
<input type="checkbox"/>	Ustin, Susan	MODIS Canopy Water Content Product	In progress
<input type="checkbox"/>	Vaillancourt, Robert	Development of Satellite Primary Productivity Algorithms for Coastal Waters	NNG05GR17G

<input type="checkbox"/>	Vermote, Eric	MODIS surface radiation data products maintenance through continuous monitoring of accuracy	In progress
<input type="checkbox"/>	Vorosmarty, Charles	Further Tests on a Modeling Framework to Detect and Analyze Changes in Land-to-Coastal Fluxes of Freshwater and Constituents	NNX07AF28G
<input type="checkbox"/>	Vorosmarty, Charles	Role of LCLUC in hydrology of Eurasian pan-Arctic	NNG06GE43G
<input type="checkbox"/>	Vorosmarty, Charles	Role of LCLUC in Water Budget and Water Use Across Central Asia	NNG06GC86G
<input type="checkbox"/>	Voss, Kenneth	Enhancements to the water-leaving radiance algorithm: Case II waters BRDF and polarized upwelling radiance distribution	in progress
<input type="checkbox"/>	Walker, Robert	Spatially specific land cover econometrics and integration with climate prediction: scenarios of future landscapes and land-climate interactions	NNG06GD96A
<input type="checkbox"/>	Walker, Skip	Applications of space-based technologies to examine ILCLUC along a transect on the Yamal Peninsula and Novaya Zemlya, Russia	NNG06GE00A
<input type="checkbox"/>	Walsh, Stephen	Multi-agent models of LCLUC Dynamics in the northern Ecuadorian Amazon: Coupling Human & Natural Systems through pattern-process relations and spatial simulations	NNG06GE12A
<input type="checkbox"/>	Wan, Zhengming	Refinement and Validation of Flexible Operational Algorithms for the Generation of Consistent Long-Term Land-Surface Temperature/Emissivity ESDR/CDR Products	In progress
<input type="checkbox"/>	Wang, Menghua	Ocean Color Remote Sensing in the Coastal Regions	NNH07AF19I
<input type="checkbox"/>	Wang, Wendy (Xiujun)	Seasonal to Decadal Variations of the Oceanic PCO <sub>2</sub> and Air-Sea flux of CO <sub>2</sub> in the Equatorial Pacific	NNG05GD09G
<input type="checkbox"/>	Wang, Xiujun (Wendy)	Reducing the Global Carbon Cycle Uncertainties: Understanding the Tropical Ocean-Atmosphere CO <sub>2</sub> fluxes	in progress
<input type="checkbox"/>	Watson, Frederick	Systems Integration and Visualization of Yellowstone: an Earth Systems Research, Application, and Education Solution	
<input type="checkbox"/>	Welch, Ronald	Environmental Stability of Forest Corridors in the Mesoamerican Biological Corridor region	NNX07AF14G
<input type="checkbox"/>	Wennberg, Paul	The Total Carbon Column Observing Network (TCCON): Ground-based Observations in Support of the Orbiting Carbon Observatory	In progress
<input type="checkbox"/>	Westberry, Toby	Ecosystem carbon dynamics in high-latitude seasonal seas of the subarctic North Pacific and North Atlantic	in progress
<input type="checkbox"/>	White, Angelicque	Integrating Remote Sensing, Moored and Vessel Based Time-Series Records to Quantify Ecological Determinants of Summer Bloom Formation in the NPSG (Advisor Letelier, Ricardo Maria)	NNG05GP79H
<input type="checkbox"/>	White, Benjamin	Conservation or Degradation: The Impact of Land Cover Change on the Outstanding Universal Value of World Heritage Sites	NNX06AF21H
<input type="checkbox"/>	White, Michael	Parameter Surfaces for Terrestrial Ecosystem Models	NNG04GO43G

<input type="checkbox"/>	Wick, Gary	Assessment and Advancement of Satellite-Based Remote Sensing of Gas Fluxes for the Southern Ocean Air-Sea CO2 Study	NNH08AH27I
<input type="checkbox"/>	Williams, Alton	From Cellulose to Selling Out Tree Ring Isotopes Can Identify the Culprits Behind Meso Climate Change in a Tropical Cloud Forest	NNG04GR05H
<input type="checkbox"/>	Wofsy, Steven	Fluxes and Budgets of CO2 and H2O in the Amazon Basin	NNG06GG69A
<input type="checkbox"/>	Wofsy, Steven	Integrated Analysis of Regional and Continental Carbon Budgets for CO2 and CO in North America, Using Data from Remote Sensing, from Stations Measuring Concentrations and Fluxes, and Other Sources	NNX06AE83G
<input type="checkbox"/>	Wolf, Adam	Linking MODIS with Tower Flux Data Using a Kalman Filter to Reconcile Parameter-Dependent Models with Noisy Data (Advisor Berry, Joe Andrew)	NNG05GQ22H
<input type="checkbox"/>	Wolfe, Robert	Advanced geolocation algorithms for Earth Science Data Records from moderate resolution sensors	935096.04.04.01.08
<input type="checkbox"/>	Woodcock, Curtis	Quantifying the effects of land use change on carbon budgets in the Black Sea Region and China	NNG05GG14G
<input type="checkbox"/>	Wynne, Randolph	SilviScan -- An Airborne LIDAR-Forestry Conference	NNG06GE22G
<input type="checkbox"/>	Xiao, Xiangming	Quantifying Leaf Chlorophyll Content, Light Absorption by Chlorophyll and Gross Primary Production	In progress
<input type="checkbox"/>	Yang, Zong-Liang	Using Satellite Data and Fully Coupled Regional Hydrologic, Ecological and Atmospheric Models to Study Complex Coastal Environmental Processes	NNX07AL79G
<input type="checkbox"/>	Zeng, Xubin	Relationship between LCLUC and Surface Hydrology over Arid and SemiArid Region	NNG06GA24G
<input type="checkbox"/>	Zettler, Eric	Documenting inherent optical properties along repeated cruise tracks in the Atlantic and Pacific by Sea Education Association's vessels	NNX07AV30G
<input type="checkbox"/>	Zhang, Ke	Application of Satellite Optical and Microwave Remote Sensing for Assessing Pan-Arctic Terrestrial Ecosystem Responses to Recent Climate Variability	NNX07AN78H
<input type="checkbox"/>	Zhang, Li	Understanding Dynamic Processes of Water Quality in Lake Erie from MODIS Time-Series Data	NNX06AG10H
<input type="checkbox"/>	Zhang, Tingjun	Impacts of Freeze / Thaw Dynamics on the North American Carbon Cycle	NNX06AE65G
<input type="checkbox"/>	Applied Sciences Award		
<input type="checkbox"/>	None of the above (Related Activity)		

**Comments:**

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