

**Committee on Appropriations
Commerce, Justice, Science and Related Agencies**

Witness Disclosure Form (FY 2013)

Clause 2(g) of rule XI of the Rules of the House of Representatives requires non-governmental witnesses to disclose to the Committee the following information. A non-governmental witness is any witness appearing on behalf of himself/herself or on behalf of an organization other than a federal agency, or a state, local or tribal government.

Your Name, Business Address, and Telephone Number:

STEVE COHEN



1. Are you appearing on behalf of yourself or a non-governmental organization? Please list organization(s) you are representing.

THE EARTH INSTITUTE, COLUMBIA UNIVERSITY

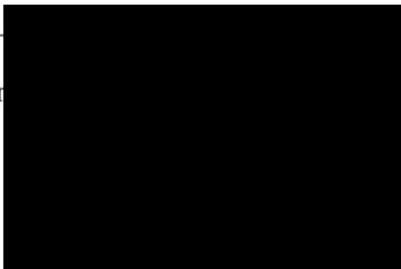
2. Have you or any organization you are representing received any Federal grants or contracts (including any subgrants or subcontracts) since October 1, 2009?

Yes No

3. If your response to question #2 is "Yes", please list the amount and source (by agency and program) of each grant or contract, and indicate whether the recipient of such grant or contract was you or the organization(s) you are representing.

SEE ATTACHED

Signature



Date:

3/15/12

Earth Institute Federal Awards
Where Funding was Received After 9/30/2009

Prime PT	Sponsor	Funding Sponsor	AWARD NUMBER	Project Title	PROJECT START DATE	PROJECT END DATE	FED CATG	Earth Institute Award Budget
00-0399	CENTERS FOR DISEASE CONTROL AND PREVENTION		5 U62 PS223540-08	Presidential Expansion Project for AIDS Relief - Rwanda OFF	23-Feb-04	22-May-12	93.941	\$ 77,980
00-1344	WILDLIFE CONSERVATION SOCIETY	AGENCY FOR INTERNATIONAL DVLPMNT, INT'L DVLPMNT COOP AGENCY	WCS CU00-1344	Promoting Transformation: Linking Natural Resources, Economic Growth, and Governance	01-Nov-06	30-Jun-12	98.012	\$ 210,077
00-5637	NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES		5 P42 ES010349-10	Health Effects and Geochemistry of Arsenic and Manganese	01-Jun-00	31-Mar-12	93.143	\$ 2,698,878
07-1608	NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES		5 P50 ES015905-05	The Role of Airborne PAHs and DEP in the Pathogenesis of Childhood Asthma	29-Sep-07	31-May-12	93.113	\$ 369,605
07-1704	DEPARTMENT OF THE NAVY, OFFICE OF NAVAL RESEARCH		N00014-06-1-0372	Ocean Surface Wave Optical Roughness: Innovative Polarization Measurement	01-Mar-06	30-Sep-11	12.300	\$ 129,860
07-1705	NATIONAL SCIENCE FOUNDATION		ARC-06-33878	Collaborative Research: A Modular Approach to Building an Arctic Observing System For IPY and Beyond in the Switchyard Region of the Arctic Ocean	01-Apr-07	31-Mar-12	47.078	\$ 485,874
07-1753	FOGARTY INTERNATIONAL CENTER		5 R01 TW008066-03R1	DOES ARSENIC MITIGATION IN BANGLADESH RAISE EXPOSURE TO BACTRIAL AND VIRAL PATHOGENS	20-Sep-07	31-Oct-11	93.989	\$ 65,565
07-1860	JOINT OCEANOGRAPHIC INSTITUTIONS, INCORPORATED	NATIONAL SCIENCE FOUNDATION	JSC 4-03 SMA	Integrated Ocean Drilling Program	01-Oct-03	30-Sep-13		\$ 19,542,069
07-1864	OPENDAP	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN	OPENDAP CU07-1864	An OPeNDAP/OGC Gateway to support Regional IOOS Interoperability	01-Oct-07	30-Sep-10	11.432	\$ 117,474
07-1966	NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES		5 U01 ES016110-04	Smart Miniaturized Personal Monitors for Black Carbon and Multiple Air Pollutants	15-Aug-07	31-May-12	93.113	\$ 731,134
07-2004	JET PROPULSION LAB, CALIFORNIA INSTITUTE OF TECHNOLOGY	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JPLCIT 1203235	Operation and Densification of Continuous GPS Stations in Russian in the Framework of MOU Between LDEO and JPL	01-Mar-99	31-Oct-11	43.001	\$ 145,588
08-0112	NATIONAL SCIENCE FOUNDATION		EAR-07-08445	Collaborative Research: How is Rifting Exhuming the Youngest High-pressure and Ultrahigh-pressure (HP/UHP) Rocks on Earth?	15-Jul-07	30-Jun-12	47.050	\$ 422,547
08-0113	NATIONAL SCIENCE FOUNDATION		ANT-07-32651	Collaborative Research in IPY: Abrupt Environmental Change in the Larsen Ice Shelf System, a Multidisciplinary Approach -- Cryosphere and Oceans	01-May-08	30-Apr-13	47.078	\$ 122,493
08-4040	DEPARTMENT OF THE INTERIOR		USGS #05HQCN0029	Measurement of Tritium/Helium, Neon and 3He/4He Groundwater Samples	01-Nov-05	31-Aug-11	15.808	\$ 210,000
08-4108	INCORPORATED RESEARCH INSTITUTION FOR SEISMOLOGY	NATIONAL SCIENCE FOUNDATION	IRIS 06-GSN	Operation, Densification, and Upgrade of Continuous GPS Stations in Russia	01-Jul-06	30-Jun-11	47.050	\$ 17,377
08-4150	UNIVERSITY OF SOUTHERN CALIFORNIA	NATIONAL SCIENCE FOUNDATION	USC PO# 119511	Probabilities for Jumping Fault Segment Stepovers	01-Feb-07	31-Jan-12	47.050	\$ 112,092
08-4308	NATIONAL SCIENCE FOUNDATION		ARC-06-12455	Vulnerability of the Arctic Marginal Ice Zone to Changes in Drifting Ice	15-Jul-06	31-Dec-10	47.078	\$ 28,494

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08-4431	NATIONAL SCIENCE FOUNDATION		ANT-0632292	Collaborative Research: IPY Gambit: Gamburstev Gamburstev Aerogeophysical Mapping	01-Oct-07	30-Sep-14	47.078	\$ 886,317
08-4464	NATIONAL SCIENCE FOUNDATION		OCE-07-26093	Collaborative Research: Monitoring Inflation at Axial Seamount	15-Sep-07	31-Aug-12	47.050	\$ 49,596
08-4956	NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES		5 R01 ES013163-05	Urban Diesel Exposure and Inner City Asthma	16-Jul-05	30-Jun-11	93.113	\$ 59,313
08-5221	NATIONAL SCIENCE FOUNDATION		OCE-04-26575 PR	Testing Models of Magma Movement along the East Pacific Rise Using Combined Geoditic and Numerical Experiments	15-Oct-04	31-Mar-12	47.050	\$ 1,300
08-5439	NATIONAL SCIENCE FOUNDATION		OCE-06-23584	Collaborative Research: Development and Support of the MB-System Software Package for Processing and Display of Swath Mapping Sonar Data	01-Sep-06	31-Aug-12	47.050	\$ 80,748
08-5455	NATIONAL SCIENCE FOUNDATION		OCE-05-26942	Preserving the Legacy of MG&G Ocean Exploration: An Online Data Catalog and Library for the Global Ocean	15-Sep-05	28-Feb-11	47.050	\$ 117,214
08-5811	NATIONAL SCIENCE FOUNDATION		OCE-05-51596	Operation and Management of the LDEO Instrument Center of the National Ocean Bottom Seismeter Pool	01-Apr-06	31-Mar-12	47.082	\$ 1,597,520
08-5822	NATIONAL SCIENCE FOUNDATION		EAR-07-20086	COLLABORATIVE RESEARCH: TESTING ORBITAL FORCING OF TERRESTRIAL GREENHOUSE CLIMATE? U/PB ZIRCON GEOCHRONOLOGY..	01-Aug-07	31-Aug-10	47.050	\$ 10,001
08-6364	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX07AT05A	Interdisciplinary Research on Climate Variability and the Climate Change	16-Aug-07	15-Aug-10	43.001	\$ 886,651
08-7303	NATIONAL SCIENCE FOUNDATION		EAR-0814236	Collaborative Research: How is Rifting Exhuming the Youngest High-Pressure and ultrahigh-pressure (HP/UHP) Rocks on Earth?	01-Jan-08	30-Jun-12	47.050	\$ 522,193
08-7383	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX08AF13G	Modeling Gravity Field and Earth Deformation from Monsoonal Flooding in Bangladesh using Hydrographic, GRACE and GPS Data	02-Jan-08	01-Jan-12	43.001	\$ 295,000
08-7663	NATIONAL SCIENCE FOUNDATION		DGE-07-42450	New, GK-12 Columbia University Learning from Earth and Ecological Field Studies (LEEFS) Graduate Fellowship Program	01-Jun-08	31-May-13	47.076	\$ 1,228,988
08-7776	NATIONAL SCIENCE FOUNDATION		OCE-07-38437	First Comprehensive Sampling of the Shona and Discovery Seamount Chains, South Atlantic - Plume Versus Shallow Sources	01-Apr-08	31-Mar-12	47.050	\$ 53,102
08-7785	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX08AJ75A	Interdisciplinary Global Change Research	04-Mar-08	15-Aug-11	43.001	\$ 2,665,232
08-7854	NEW YORK UNIVERSITY MEDICAL CENTER	ENVIRONMENTAL PROTECTION AGENCY	NYU RD-83374201-0	Comparative Toxicity of Coarse Particles	01-Mar-08	28-Feb-12	66.509	\$ 11,935

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08-7898	DEPARTMENT OF THE NAVY, OFFICE OF NAVAL RESEARCH		N00014-08-01-0618	Initial Observation of High Resolution Velocity Profile and Stratification in the Sunda Strait	01-Mar-08	31-Mar-12	12.300	\$ 78,100
08-7915	NATIONAL ACADEMIES	AGENCY FOR INTERNATIONAL DVLPMNT, INT'L DVLPMNT COOP AGENCY	NAS PGA-P280423	Upper Indus riverflow reconstructions using Tree-Rings Implications for Agriculture and Hydroelectricity	01-Apr-08	31-Mar-11	98.012	\$ 36,807
08-8002	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN		NA08OAR4320754	Improving Economic Development through Prediction and Management of HydroClimate Variability	01-Jul-08	30-Jun-13	11.432	\$ 2,299,041
08-8006	NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES		5 P30 ES009089-14	Center for Environmental Health in Northern Manhattan	01-Jul-98	31-Mar-13	93.113	\$ 268,858
08-8179	NATIONAL SCIENCE FOUNDATION		ANT-0739330	Continued Development of the AMBS as an Integrated Online Resource for Marine and Geophysical Data from the Antarctic Region	15-Jun-08	31-May-12	47.078	\$ 583,321
08-8212	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN		NAO8OAR4310622	New Tools for North American Drought Prediction	01-Jul-08	30-Jun-12	11.431	\$ 51,339
08-8289	NATIONAL SCIENCE FOUNDATION		ATM-0739983	Collaborative Research: Variations and Trends in Fall Precipitation over the Central United States: Issues of Physical Mechanisms, Circulation Anomalies and Boundary Forcing	15-Jun-08	31-May-12	47.050	\$ 90,550
08-8437	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN		NAO8OAR4320912	Cooperative Institute for Climate Applications and Research (CICAR) (cooperation)	01-Jul-08	30-Jun-13	11.432	\$ 2,171,696
08-8449	NATIONAL SCIENCE FOUNDATION		AGS-0804107	Modeling the Tropical Atmosphere-Ocean System: Determining the Causes of Near Future Subtropical Drying	01-Jul-08	30-Jun-12	47.050	\$ 187,814
08-8475	NATIONAL SCIENCE FOUNDATION		OCE-0813737	SHIP OPERATIONS AWARD 2008-2011-R/V MARCUS LANGSETH	01-Jun-08	29-Feb-12	47.050	\$ 15,702,063
08-8525	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNG08HZ11C	Continued Operation of the Earth Observing System Data and Information System (EOSDIS) Socioeconomic Data and Applications Center (SEDAC)	01-Aug-08	31-Jul-13		\$ 11,342,017
08-8766	NATIONAL SCIENCE FOUNDATION		EAR-0824694	Facility Support: The Global CMT Project	01-Oct-08	30-Sep-12	47.050	\$ 142,336
08-8791	NATIONAL SCIENCE FOUNDATION		OCE-0824630	Collaborative Research: Seismic Reflection Data System for Marine Geosciences II	01-Sep-08	31-Aug-13	47.050	\$ 237,129
08-8825	NATIONAL SCIENCE FOUNDATION		OCE-0850963	Support for the U.S. GEOTRACES Project Office	01-Apr-09	31-Mar-13	47.050	\$ 503,633
08-8844	NATIONAL SCIENCE FOUNDATION		OCE-0426369	Collaborative Research: Crustal Accretion and Mantle Processes Along the Subduction-Influenced Eastern Lau Spreading Center	01-Sep-08	31-Aug-12	47.050	\$ 99,667

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08-8861	NATIONAL SCIENCE FOUNDATION		BC5-0852652	Collaborative Research: Multicentury Drought Reconstructions from Guatemala and the Context for Past and Future Hydroclimatic change	01-Mar-09	30-Apr-13	47.075	\$ 81,198
08-8869	NATIONAL SCIENCE FOUNDATION		ANT-0836137	Bio-Physical Variability in Regions of the Southern Ocean with Contrasting Climatic Response - The Eastern Amundsen & Ross Seas	15-Sep-08	31-Aug-11	47.078	\$ 1,658
08-8917	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX09AT49G	Environmental Factors and population dynamics as determinants of meningococcal meningitis epidemics in the Sahel: an investigation of NASA and NOAA products	01-Sep-09	30-Apr-11	43.001	\$ 87,785
08-8948	NATIONAL SCIENCE FOUNDATION		OCE-0841079	Collaborative Research: Advanced models of magma migration at convergent MARGINS	01-Feb-09	31-Jan-13	47.050	\$ 142,439
08-9101	NATIONAL SCIENCE FOUNDATION		EAR-0746273	Collaborative Research: Acquisition of New Instrumentation for Geochemical Studies in the Earth and Environmental Sciences	01-Oct-08	30-Sep-12	47.050	\$ 434,000
08-9659	MARINE BIOLOGICAL LABORATORY	NATIONAL SCIENCE FOUNDATION	MBL 35559	LTER: Palmer Antarctic Long Term Ecological Research: Looking Back in Time Through Marine Ecosystem Space: Physical Oceanography and Sea Ice Component	01-Sep-08	31-Aug-12	47.050	\$ 325,639
08-9907	NATIONAL SCIENCE FOUNDATION		OCE-0752980	Collaborative Research: Global Ocean Repeat Hydrography, Carbon, and Tracer Measurements, 2009-2014	10-Dec-08	31-Jan-15	47.050	\$ 2,705,636
08-9921	JET PROPULSION LAB, CALIFORNIA INSTITUTE OF TECHNOLOGY	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JPLCIT 1362354	Strait and Inter-Ocean Transport Estimation Using Altimetry SSH and Gravimetry OBP	01-Jan-09	31-Mar-12		\$ 60,000
09-0100	NATIONAL SCIENCE FOUNDATION		AGS-0902436	Collaborative Research: P2C2 - Locally-constrained climate field reconstructions of the last millennium: Methods and application	15-Aug-09	31-Jul-12	47.050	\$ 188,735
09-0105	HARVARD UNIVERSITY	ENVIRONMENTAL PROTECTION AGENCY	HARVARD 01-123602	Investigation of the Effects of Changing Climate on Fires and the Consequences for U.S. Air Quality, Phase 2	01-Nov-09	31-Oct-12	66.001	\$ 30,000
09-0141	NATIONAL SCIENCE FOUNDATION		DGE-0903597	IGERT: Solving Urbanization Challenges by Design - A New PhD Program Between Architecture and Engineering	01-Aug-09	31-Jul-14	47.076	\$ 27,945
09-0205	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN		NA10OAR4310252	The American midsummer Drought: Casual Mechanisms and Seasonal-to-Interannual Predictability	01-Aug-10	31-Jul-13	11.431	\$ 103,921
09-0207	NATIONAL SCIENCE FOUNDATION		ARC-0908444	Collaborative Research: Effects of warming induced increases in shrub abundance and changing seasonality on migratory songbirds in Alaskan arctic tundra	01-Sep-09	31-Aug-14	47.078	\$ 15,510

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09-0272	WOODS HOLE OCEANOGRAPHIC INSTITUTION	NATIONAL SCIENCE FOUNDATION	WHOI A100627	Ridge 2000 Office: 4 Year Rotation to Woods Hole Oceanographic Institution	01-Nov-08	31-Oct-11	47.050	\$ 8,424
09-0388	NATIONAL SCIENCE FOUNDATION		DRL-0909982	Collaborative Research: Bridging between Tabletop Models and the Earth System	15-Sep-09	31-Aug-12	47.076	\$ 233,530
09-0542	NATIONAL SCIENCE FOUNDATION		OCE-0924111	Mitigation of Impacts of Ocean Sciences Research of Marine Mammals 2009-2011	01-Jan-09	31-Jul-12	47.050	\$ 1,594,452
09-0556	NATIONAL SCIENCE FOUNDATION		OCE-0921736	Oceanographic Technical Services 2009-2011, R/V Langseth	01-Jan-09	31-Jul-12	47.050	\$ 6,812,867
09-0561	NATIONAL SCIENCE FOUNDATION		EAR-0911557	Collaborative Research: Enhancing the sustainability of groundwater pumping from low-arsenic aquifers in southern Asia - a case-study in Vietnam south of Hanoi	01-Jul-09	30-Sep-12	47.082	\$ 489,335
09-0581	DEPARTMENT OF THE NAVY, OFFICE OF NAVAL RESEARCH		N00014-09-1-0582	Regional Stratification and Shear of the Various Streams Feeding the Philippine Straits	27-Jan-09	31-Jan-12	12.300	\$ 293,924
09-0587	NATIONAL SCIENCE FOUNDATION		OCE-0917955	SGER: A Seafloor Camera System for Flow Rate Measurements in Black Smoker Vents	01-May-09	30-Apr-11	47.050	\$ 44,985
09-0637	ENVIRONMENTAL PROTECTION AGENCY		EPA RD-83450301-0	Diagnostic Monitoring of Bio-Geochemical Interactions of a shallow aquifer in response to a CO2 leak	01-Dec-09	30-Nov-12	66.509	\$ 899,997
09-0663	NATIONAL SCIENCE FOUNDATION		OCE-0928409	Collaborative Research: US GEOTRACES North Atlantic Section - ND Isotope distribution: Sources, sinks and internal cycling	01-Mar-10	28-Feb-13	47.050	\$ 234,471
09-0669	WOODS HOLE OCEANOGRAPHIC INSTITUTION	NATIONAL SCIENCE FOUNDATION	WHOI A100723	An Investigation of Abyssal Mixing and Interior Transports in North Atlantic: Tracer Studies	01-Nov-09	31-Oct-13	47.050	\$ 188,835
09-0703	SCIENCE MUSEUM OF MINNESOTA	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	SCIMMN CU09-0703	Question of Carbon Curriculum (QOC) and Online Teacher Education Course R&D and Implementation-subcontract	01-Nov-09	31-Oct-13	43.001	\$ 199,333
09-0808	NATIONAL SCIENCE FOUNDATION		OCE-0928270	Collaborative Research: Structure and Composition of Oceanic Lithosphere and the Lithosphere/Asthenosphere Boundary	01-Mar-10	28-Feb-14	47.050	\$ 121,991
09-0812	UNIVERSITY OF CALIFORNIA, SAN DIEGO	DEPARTMENT OF ENERGY	UCSD #10296230	Subcontract from University of California San Diego	01-Apr-09	30-Sep-11	81.089	\$ 61,202
09-0840	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX09AF44G	Error and Variability in Satellite SST Data and Global High-Resolution Analyses	01-Mar-09	28-Feb-13	43.001	\$ 297,839
09-0876	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX09AF55G	Analysis of Enso Dynamics and Thermodynamics in the Western Pacific Warm Pool - An Application of Multi-Sensor Satellite Observations	01-Mar-09	28-Feb-13	43.001	\$ 251,525
09-0935	PACIFIC NORTHWEST NATIONAL LABORATORY	DEPARTMENT OF ENERGY	PNNL 107699	Processing and analysis of borehole and field data from Columbia River Basalt Pilot test (PNEI), Year 1	01-Oct-09	31-Dec-10		\$ 41,307

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09-0947	NATIONAL SCIENCE FOUNDATION		DRL-0929796	Technology, Research and Ecology Exchange Studies	01-Sep-09	31-Aug-12	47.076	\$ 1,072,982
09-1041	NATIONAL SCIENCE FOUNDATION		OCE-0927064	Collaborative Research: U.S. GEOTRACES North Atlantic Section: Analysis of 230Th, 232Th and 231Pa	01-Apr-10	31-Mar-13	47.050	\$ 396,485
09-1113	NATIONAL SCIENCE FOUNDATION		ATM-0934516	CMG Research: Reconstructing Climate from Tree Ring Data	15-Sep-09	31-Aug-13	47.082	\$ 162,196
09-1163	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX09AU68G	Spatial and Temporal Characteristics of Sea Surface Salinity Fluctuations and Links to the Marine Hydrological Cycle	15-Nov-09	14-Nov-13	43.001	\$ 483,226
09-1169	RESEARCH CORPORATION OF THE UNIVERSITY OF HAWAII	NATIONAL SCIENCE FOUNDATION	HWAIRC Z927606	Glacial Water mass geometry in the South Atlantic: trsting neodymium isotopes versus benthic carbon isotopes as paleo-water mass tracers	15-Dec-08	28-Feb-11	47.050	\$ 48,959
09-1337	WOODS HOLE OCEANOGRAPHIC INSTITUTION	NATIONAL SCIENCE FOUNDATION	WHOI A100634	Line W; A Sustained Measurement Program Sampling in the North Atlantic Deep Western Boundary Current and Gulf Stream at 39N	01-Mar-08	28-Feb-13	47.050	\$ 159,861
09-1541	INTERNATIONAL COUNCIL FOR RESEARCH IN AGROFORESTRY	AGENCY FOR INTERNATIONAL DVLPMNT, INT'L DVLPMNT COOP AGENCY	ICRAF CU09-1541	Mainstreaming climate change in biodiversity planning and conservation in the Philippines	14-Jan-11	31-Dec-12		\$ 77,751
09-1647	DEPARTMENT OF ENERGY		DE-SC0004625	Development of enabling scientific tools to characterize the geologic subsurfaces at Hanford	15-Apr-10	14-Jul-12	81.049	\$ 150,000
09-1649	NORTHWEST RESEARCH ASSOCIATES, INCORPORATED	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	NWRA-09-S-122	Interannual Variability of Surface Radiation Budget and Climate Feedback	20-Aug-09	19-Aug-10	43.001	\$ 37,500
09-1835	DEPARTMENT OF THE NAVY, OFFICE OF NAVAL RESEARCH		N00014-10-1-0205	Next Generation of Advanced Laser Fluorescence Technology for Characterization of Natural Aquatic Environments	01-Jan-10	30-Sep-12	12.300	\$ 1,499,635
09-1950	DEPARTMENT OF ENERGY		DE SC0002125	Continues Evaluation of Fast Processes in Clime Models Using AM Measurements	15-Jun-09	14-Sep-14	81.049	\$ 242,001
09-1955	DEPARTMENT OF ENERGY		DE-FE0001535	Tagging Carbon Dioxide to Enable Quantitative Inventories of Geological Carbon Storage	01-Oct-09	31-Dec-12	81.089	\$ 1,711,680
09-2133	RESEARCH CORPORATION OF THE UNIVERSITY OF HAWAII	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN	HWAIRC Z888181	3He Measurements During the Southern Ocean Gas Exchange Project	01-Aug-08	31-Jul-12	11.431	\$ 23,578
09-2211	NATIONAL SCIENCE FOUNDATION		OCE-0840879	MARGINS Office Support	01-Aug-09	31-Jul-12	47.050	\$ 516,172
09-2290	NATIONAL SCIENCE FOUNDATION		EAR-0943939	The Role of Fault Strands and Roughness in Fault and Earthquake Mechanics	01-Sep-10	31-Aug-12	47.050	\$ 144,000
09-2300	NATIONAL SCIENCE FOUNDATION		EAR-0943771	Testing Predictions from the Cascade and Pre-seismic Slip Models for Foreshock Occurrence with the High Precision Catalog for Northern California	01-Apr-10	31-Mar-13	47.050	\$ 238,367

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09-2372	NATIONAL SCIENCE FOUNDATION		ANT-0944063	Collaborative Research: The Impact of Stratospheric Ozone Depletion/Recovery on Antarctic Climate	01-May-10	30-Apr-13	47.078	\$ 524,999
09-2377	NATIONAL SCIENCE FOUNDATION		ANT-0944643	Collab Res: Gas Transfer Through Polar Sea Ice (GAPS)-Mechanisms of Turbulence Production in the Seasonal Ice Zone and its Control of Mixed Layer Ventilation	01-Oct-10	30-Sep-12	47.078	\$ 460,272
09-2384	NATIONAL SCIENCE FOUNDATION		EAR-0944055	Studies of Unusual Earthquakes: Volcanos and Landslides	01-Jul-10	30-Jun-12	47.050	\$ 247,543
09-2399	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX09AR49G	Ice Bridge: Imaging Grounding Lines with Gravity and Magnetics	01-Jun-09	30-Sep-10	43.001	\$ 74,994
09-2438	NATIONAL SCIENCE FOUNDATION		ANT-0944475	Collaborative Research: Pleistocene East Antarctic Ice Sheet History as Recorded in Sediment Provenance and Chronology of High-Elevation TAM Moraines	01-Jun-10	31-May-12	47.078	\$ 202,884
09-2449	NATIONAL SCIENCE FOUNDATION		ANT-0944211	Collaborative Research: Sam's Contribution to Increased Ocean Heat Content on the Continental Shelf of the Western Antarctic Peninsula	15-Aug-10	31-Jul-12	47.078	\$ 211,735
09-2516	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX09AK32G	Climate and chemistry changes from 1975 to 2000 as observed and modeled in the coupled chemistry-aerosol-climate GISS ModelE Earth System Model	14-May-09	13-May-13	43.001	\$ 310,918
09-2936	SCITOR CORPORATION	CENTRAL INTELLIGENCE AGENCY	SCITOR G1073-006	Assessment of the National Security Implications of Climate and Global Change	26-Sep-09	30-Sep-12		\$ 402,872
09-2958	UNIVERSITY OF ALASKA AT FAIRBANKS	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN	UALASKA FP01306	Evaluation of methods and platforms for the acquisition of multi-channel seismic reflection data in the Arctic Ocean	01-Sep-09	31-Aug-12	11.400	\$ 132,624
09-3018	NATIONAL SCIENCE FOUNDATION		SES-0951516	Understanding and Improving Environmental Decisions	15-Sep-10	31-Aug-15	47.075	\$ 2,599,543
09-3058	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX09AK34G	Intraseasonal Variability and Tropical Cyclones in the NASA GISS General Circulation Model	15-Jun-09	14-Jun-13	43.001	\$ 331,043
09-3102	NATIONAL SCIENCE FOUNDATION		EAR-0948466	Collaborative Research: Constraining Arc Process through Comprehensive Geochemical Study of the Chilean Southern Volcanic Zone	01-Aug-10	31-Jul-13	47.050	\$ 143,479
09-3115	NATIONAL SCIENCE FOUNDATION		EAR-0948533	Collaborative Research: Volatile Loss during Magma Ascent and Cooling	01-Aug-10	31-Jul-13	47.050	\$ 286,729
09-3131	NATIONAL SCIENCE FOUNDATION		OCE-0950477	Geoinformatics Facilities Support: Integrated Data Collections for the Earth & Ocean Sciences: The Marien Geoscience Data System and the Geoinformatics for Geochemistry Program	01-Oct-10	30-Nov-15	47.050	\$ 5,065,225

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09-3181	NATIONAL SCIENCE FOUNDATION		DEB-0948827	Synthesis of Three Decades of Research on Tree Growth in Northern Forests in Relation to Global Climatic Change	01-Jun-10	31-May-12	47.074	\$ 132,425
09-3184	NATIONAL SCIENCE FOUNDATION		AGS-0946849	Future changes in the seasonal cycle: Mechanisms and implications	01-Mar-10	28-Feb-13	47.050	\$ 253,730
09-3187	NATIONAL SCIENCE FOUNDATION		ANT-0944489	History of the East Antarctic Ice Sheet Since the Mid-Miocene: New Evidence from Provenance of Ice Rafted Debris	15-Jul-10	30-Jun-13	47.078	\$ 242,974
09-3224	NATIONAL SCIENCE FOUNDATION		EAR-0952202	Collaborative Research: Evaluating the roles of melt migration and mantle flow in lithospheric evolution: The Colorado Plateau as a geodynamic laboratory for EarthScope	01-May-10	31-Jul-13	47.050	\$ 121,398
09-3229	NATIONAL SCIENCE FOUNDATION		DEB-0949387	ULTRA-Ex: Exploring Linkages Between Ecosystem Services, Public Health and the Green Area Factor in New York City	01-Aug-10	31-Jan-13	47.074	\$ 298,989
09-3235	U.S. GEOLOGICAL SURVEY/DEPARTMENT OF THE INTERIOR		USGS G10AC00040	Implementation of a Real-Time Double-Difference Earthquake Location System at the CISEN and Maintenance of a Continuous DD Catalog for Northern CA	16-Sep-09	15-Sep-11	15.807	\$ 357,995
09-3239	U.S. GEOLOGICAL SURVEY/DEPARTMENT OF THE INTERIOR		USGS G09AC00491	Upgrading the Lamont Cooperative Seismographic Network and Modernization of the Advanced National Seismic System-Northeast Region	16-Sep-09	15-Sep-11	15.807	\$ 9,640
09-3254	NATIONAL SCIENCE FOUNDATION		EAR-0952285	Surface-wave Propagation across North America: New methods, Observations and Models	01-May-10	30-Apr-13	47.050	\$ 386,778
09-3259	NATIONAL SCIENCE FOUNDATION		OISE-0949559	US-Malawi Planning Visit: Developing a multidisciplinary, multinational study of Continental Rifting, Seismicity and volcanism around northern Lake Malawi.	01-Sep-09	31-Aug-10	47.079	\$ 23,400
09-3291	NATIONAL SCIENCE FOUNDATION		OCE-0947877	Collaborative Research: Rolling Deck to Repository (R2R): Transforming the Academic Fleet Into an Integrated Global Observing System	01-Sep-09	31-Aug-14	47.050	\$ 858,160
09-3455	UNIVERSITY OF TEXAS AT AUSTIN	NATIONAL SCIENCE FOUNDATION	UTEXAUS UTA09-000485	Development of a Motion Decoupled Hydraulic Delivery Telemetry System	19-May-09	31-Aug-12	47.050	\$ 9,619
09-3468	NATIONAL SCIENCE FOUNDATION		AGS-0955372	CAREER: Characterizing the uncertainty in projection of climate change in the semi-arid tropics based on the moist static energy framework	01-Sep-10	31-Aug-15	47.050	\$ 261,930
09-3483	DEPT. OF COMMERCE - NATIONAL INST OF STANDARDS & TECH		NIST 60NANB10D037	The Ultraclean Geochemistry Laboratory at Lamont-Doherty Earth Observatory (LDEO), Columbia University	01-Feb-10	31-Dec-11	11.618	\$ 1,363,240

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09-3498	DICKINSON COLLEGE	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	DCKCOL NASA/LEARY-1	Cooling the Liberal Arts Curriculum	01-Mar-10	28-Feb-13	43.001	\$ 13,882
09-3514	JOINT OCEANOGRAPHIC INSTITUTIONS, INCORPORATED	NATIONAL SCIENCE FOUNDATION	JOI T320B34	Identifying the rock magnetic signature of chert and porcelanite layers in sites U1331 and U1332 from downhole logging data on core samples	01-Oct-09	04-Apr-12	47.050	\$ 14,946
09-3515	JOINT OCEANOGRAPHIC INSTITUTIONS, INCORPORATED	NATIONAL SCIENCE FOUNDATION	JOI T321A31	An astronomical age model based on high-resolution downhole logs at IODP Sites U1337 and U1338	05-Jul-09	04-May-12	47.050	\$ 14,998
09-3516	CONSORTIUM FOR OCEAN LEADERSHIP	NATIONAL SCIENCE FOUNDATION	COCEANL T320A34	Characterization of high levels of natural gamma radioactivity and uranium in the top 2m of the sediment column in the eastern equatorial Pacific	17-Nov-09	05-Mar-12	47.050	\$ 14,991
09-3524	CONSORTIUM FOR OCEAN LEADERSHIP	NATIONAL SCIENCE FOUNDATION	COCEANL T322A34	U.S.S.P. salary for Angela Slagle to participate in IODP Expedition 322 NanTroSEIZE Stage 2 subduction Input on the D/V Chikyu	01-Sep-09	09-Aug-12	47.000	\$ 14,598
09-3538	NATIONAL SCIENCE FOUNDATION		EAR-0958276	U-Series Disequilibrium in Weddell Sea Sediments: Rates of Iceberg Discharge and Impact on Global Oceans	01-Dec-10	30-Nov-12	47.050	\$ 178,098
09-3544	FUGRO (MCCLELLAND MARINE GEOSCIENCES INC.)	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN	FUGRO CU09-3544	Shallow Water Bathymetry of the Hudson River	01-Oct-09	15-Oct-10	11.431	\$ 119,999
09-3611	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX10AP03G	Use of GRACE to estimate terrestrial carbon fluxes	01-Sep-10	31-Aug-13	43.001	\$ 42,622
09-3612	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN		NA10OAR4310126	Sensitivity of Climate Variability to Anthropogenic and Natural Drivers during the Last Millennium	01-Aug-10	31-Jul-13	11.431	\$ 266,830
09-3615	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN		NA10OAR4310212	Consortium for Climate Risk in the Urban Northeast	01-Oct-10	30-Sep-15	11.431	\$ 1,865,236
09-3620	NATIONAL SCIENCE FOUNDATION		OCE-0961450	Collaborative Research: Plate Tectonic and Geochemical Evolution of the Young Walvis Ridge and Implications for African Plate Motion Modeling	01-Sep-11	31-Aug-14	47.050	\$ 71,690
09-3630	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN		NA10OAR4310124	Understanding and Attributing Tropical Cyclone Intensity and Frequency Changes in the 20th and 21st Centuries	01-Aug-10	31-Jul-13	11.431	\$ 280,000
09-3648	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN		NA10OAR4310138	Assessing Unstoppable Change: Ocean Heat Storage and Antarctic Glacial Ice Melt	01-Aug-10	31-Jul-13	11.431	\$ 185,992
09-3649	NATIONAL SCIENCE FOUNDATION		OIA-0963217	Lamont Center for Biogeochemistry: Renovation of the Biology and Paleo Environment Laboratories	01-Oct-10	30-Sep-14	47.082	\$ 1,137,493

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09-3652	NATIONAL SCIENCE FOUNDATION		OCE-0961359	Constraints on the Composition of the Subducting Oceanic Crust in the Northwest Pacific Ocean Basin	01-Jul-10	30-Jun-12	47.050	\$ 206,735
09-3664	NATIONAL SCIENCE FOUNDATION		OCE -0961594	Accomplishment Based Renewal: Temporal Evolution of Hydrothermal and Volcanic Processes at the East Pacific Rise from Microearthquake Data	01-Apr-10	28-Feb-13	47.050	\$ 278,648
09-3665	NATIONAL SCIENCE FOUNDATION		ANT-0958658	MRI-R2: Developing an ice imaging System for Monitoring Changing Ice Sheets Mounted on the NYANG LC-130	15-Mar-10	30-Apr-15	47.082	\$ 4,140,323
09-3667	NATIONAL SCIENCE FOUNDATION		OCE-0961464	Collaborative Research: Geomagnetic Variability, Paleoenvironmental, Change, and a Tuned Geologic Timescale from Pacific Eocene-Pleistocene Sediments from IODP Expeditions 320-321	01-Mar-10	28-Feb-13	47.050	\$ 90,551
09-3671	NATIONAL SCIENCE FOUNDATION		OCE-0962010	Deep-Sea Repository and the Curating and Maintenance of the Sediment Library and Dredge Collection	01-Apr-10	31-May-13	47.050	\$ 532,701
09-3674	DEPARTMENT OF THE NAVY, OFFICE OF NAVAL RESEARCH		N00014-10-1-0317	Modification of the stratification and velocity profile within the straits and seas of the Indonesian Archipelago	01-Nov-09	31-Oct-12	12.300	\$ 119,512
09-3675	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN		NA10OAR4310137	Global Decadal Hydroclimate Variability, Predictability and Change: A Data-Enriched Modeling Study	01-Aug-10	31-Jul-13	11.431	\$ 1,553,412
09-3676	NATIONAL SCIENCE FOUNDATION		AGS-0959148	MRI-R2: Acquisition of Stable Isotope Instrumentation for High Precision Paleoclimatic and Environmental Research at the Lamont Doherty Earth Observatory	01-May-10	30-Apr-12	47.082	\$ 811,868
09-3677	DEPARTMENT OF ENERGY		DE-FE0002386	Geo-Chemo-Mechanical Studies for Permanent CO2 Storage in Geologic Reservoirs	01-Dec-09	30-Nov-12	81.133	\$ 299,857
09-3736	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN		NA10OAR4310123	Towards near-global reconstruction and understanding of hydroclimate variability and change over the past several centuries	01-Aug-10	31-Jul-13	11.431	\$ 274,000
09-3750	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN		NA10OAR4310159	Climate Predictability of Extreme Floods in the United States	01-Aug-10	31-Jul-13	11.431	\$ 285,444
09-3781	BROWN UNIVERSITY	NATIONAL SCIENCE FOUNDATION	BROWNU 00000359	PRIE: Land-use, Ecosystems Services and the Fate of Marginal lands in the Globalized World	01-Sep-10	31-Aug-14	47.079	\$ 168,179
09-3828	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN		NA10OAR4310249	Incorporating Scale and Predictability Information in Multi-Model Ensemble Climate Predictions	01-Aug-10	31-Jul-13	11.431	\$ 35,186

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09-3877	DEPARTMENT OF THE NAVY, OFFICE OF NAVAL RESEARCH		N00014-10-1-0426	Continental Shelf Embayments of the Eastern Margin of the Philippines: Lamon Bay stratification & circulation	01-Jan-10	31-Dec-12	12.300	\$ 345,730
09-3878	NATIONAL SCIENCE FOUNDATION		OISE-0968354	Life on a Tectonically Active Delta0Convergence of Earth Science and Geohazard Research in Bangladesh with Education and Capacity Building	01-Jun-10	31-Aug-15	47.079	\$ 1,864,294
09-3881	OREGON STATE UNIVERSITY	NATIONAL SCIENCE FOUNDATION	OREGSU 51315A-D	PIER: International Collaboration for Education, Training, and Research in Ice Core Science(ICE-ICS)	01-Sep-10	31-Aug-12	47.079	\$ 166,423
09-3887	CH2M HILL CONSTRUCTORS, INC	NATIONAL SCIENCE FOUNDATION	HILLCON 812787	Technical Support for Multibeam Installation and Science Support on the USCGC Healy	20-Oct-09	30-Nov-11	47.000	\$ 1,230,535
09-3959	NATIONAL SCIENCE FOUNDATION		AGS-1000874	A model-based investigation of climate variability and climate change: Focus on the West African monsoon system.	01-Aug-10	31-Jul-13	47.050	\$ 441,704
09-4054	IODP MANAGEMENT INTERNATIONAL, INC	NATIONAL SCIENCE FOUNDATION	IODP MI-10-06	Scientific Earth Drilling information Service (SEDIS) Phase III	01-Jul-10	30-Sep-11	47.050	\$ 56,772
09-4128	NATIONAL SCIENCE FOUNDATION		AGS-1003417	Collaborative Research: Hydrological variability during the last millenium from high resolution proxies	01-Oct-10	30-Sep-13	47.050	\$ 148,171
09-4132	NATIONAL SCIENCE FOUNDATION		AGS-1003505	Collaborative Research: Dust interaction with climate in the African Humid Period	01-Aug-10	31-Jul-13	47.050	\$ 97,794
09-4139	NATIONAL SCIENCE FOUNDATION		EAR-1003427	Collaborative Research: Timing and structure of the last glacial maximum and termination in southern Peru: Implications for the role of the tropics in climate change	01-Oct-10	30-Sep-13	47.050	\$ 199,339
09-4261	U.S. GEOLOGICAL SURVEY/DEPARTMENT OF THE INTERIOR		USGS G10AC00094	The Lamont Cooperative Seismographic Network and the Advanced National Seismic System: Earthquake Hazard Studies in the Northeastern United States	01-Feb-10	31-Jan-15	15.807	\$ 923,523
09-4270	NATIONAL SCIENCE FOUNDATION		OCE-1003931	REU SITE: Research Experience for Undergraduates: Analyzing Global Databases	01-Jun-10	31-May-13	47.050	\$ 244,448
09-4272	UNIVERSITY OF ILLINOIS, BOARD OF TRUSTEES	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	UIL 2008-06014-02	Bridging the last few kilometers: Accounting for Subgrid mixing and spatial gradients in global aerosol models	15-Aug-09	14-Aug-13	43.001	\$ 229,819
09-4380	DEPARTMENT OF THE NAVY, OFFICE OF NAVAL RESEARCH		N00014-10-1-0545	Atmosphere-Ocean Interaction of the MJO from Unmanned Airborne Vehicles	01-Jan-10	30-Sep-11	12.300	\$ 47,940
09-4398	UNIVERSITY OF MARYLAND	DEPARTMENT OF ENERGY	UMARY CU09-4398	Use of the ARM Mobile Facility (AMF) Data to Study Aerosol Indirect effects in China	15-Jul-09	14-Jul-11	81.049	\$ 18,000
09-4502	NATIONAL SCIENCE FOUNDATION		EAR-1007595	"Glacier-Climite-Water" Mini Conference at Lamont, November 11-13 2009	06-Oct-09	31-Dec-10	47.050	\$ 17,950

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09-4575	NATIONAL SCIENCE FOUNDATION		EAR-1009839	Collaborative Research: Integrated Studies of Early Stages of Continental Extension: From Incipient (Okavango) to Young (Malawi) Rifts	01-May-11	30-Apr-15	47.050	\$ 68,093
09-4578	NATIONAL SCIENCE FOUNDATION		OCE-1012154	RAPID: Anthropogenic radionuclides in the Atlantic Ocean 4 Decades after GEOSECS	01-Dec-09	31-Aug-12	47.050	\$ 132,662
09-4585	JOHNS HOPKINS UNIVERSITY	NATIONAL SCIENCE FOUNDATION	JH 200858925	Social & Environmental Vulnerability in the Disaster Context Spatial Analysis& Improved Information for Decision Making in Disaster Response: Population Estimation from Hazard Models	20-Nov-09	31-Dec-10	47.079	\$ 14,423
09-4586	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX10AO10G	Climate Decision Support in the Gulf States: Assessing the Impacts of Key Uncertainties in End-to-End Assessments	01-Aug-10	31-Jul-13	43.001	\$ 395,256
09-4588	NATIONAL SCIENCE FOUNDATION		OCE-0926614	Megathrust Seismic Hazard by Reflection	01-Jan-10	31-Dec-12	47.050	\$ 713,878
09-4760	CONSORTIUM FOR OCEAN LEADERSHIP	NATIONAL SCIENCE FOUNDATION	COCEANL T324B34	Lithostratigraphic Characterization of the sediment section from IODP Expedition 324, Shatsky Rise using downhole logging data	04-Nov-09	03-Sep-12	47.050	\$ 14,947
09-4763	CONSORTIUM FOR OCEAN LEADERSHIP	NATIONAL SCIENCE FOUNDATION	COCEANL T324A34	Lithological Characterization and Structural Analyses of Sediments Lava Flows from Shatsky Rise Using Downhole Measurements	29-Apr-10	03-Sep-12	47.050	\$ 14,716
09-4764	DARTMOUTH COLLEGE	DEPARTMENT OF AGRICULTURE	DARTC 669	Establishing a Quantitative link between mineral transformations, speciation, and the transport of arsenical pesticides in soils	01-May-09	31-Jul-11	10.206	\$ 176,865
10-0003	NATIONAL SCIENCE FOUNDATION		OCE-1016187	Oceanographic Instrumentation 2010	01-Feb-10	31-Oct-11	47.050	\$ 192,157
10-0022	NATIONAL SCIENCE FOUNDATION		EAR-1014679	Collaborative Research: Mechanisms of transient deformation following great 2006-2007 Kuril earthquakes: Frictional afterslip or viscoelastic relaxation?	01-Aug-10	31-Jul-12	47.050	\$ 182,213
10-0096	UNIVERSITY OF CALIFORNIA, SAN DIEGO	NATIONAL SCIENCE FOUNDATION	UCSD 10300702	Collaborative Research: Global Ocean Repeat Hydrography, Carbon, and Tracer Measurements, 2009-2014	01-Feb-09	31-Jan-12	47.050	\$ 45,165
10-0185	NATIONAL SCIENCE FOUNDATION		EAR-1019379	Constraining early-stage rifting through rapid response to the Lake Malawi Earthquake sequence of December 2009	01-Mar-10	31-May-11	47.050	\$ 12,999
10-0188	NATIONAL SCIENCE FOUNDATION		OCE-1019663	Shipboard Scientific Support Equipment 2010	01-Jul-10	30-Sep-12	47.050	\$ 161,179
10-0228	CONSORTIUM FOR OCEAN LEADERSHIP	NATIONAL SCIENCE FOUNDATION	COCEANL T313A34	Forward and Inverse Modeling the Neogene Evolution of the NJ Continental Margin Based on Results from IODP EXP 313	23-Apr-10	03-Oct-12	47.050	\$ 13,846
10-0233	NATIONAL SCIENCE FOUNDATION		ARC-1023348	Collaborative Research: Sinking rates and nutritional quality of organic mater exported from sea ice; the importance of exopolymeric substance	01-Dec-10	31-Dec-13	47.078	\$ 590,527

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10-0236	NATIONAL SCIENCE FOUNDATION		ARC-1022979	Collaborative Research: Long-term carbon storage shifts in high-latitude peatlands with paleoclimate change: Linking peatland modeling with paleocology and paleohydrology	01-Sep-10	31-Aug-13	47.078	\$ 403,656
10-0254	NATIONAL SCIENCE FOUNDATION		EAR-1019327	Collaborative Research: Geochemistry and tectonics of Cretaceous gateway closure in the Central American isthmus	01-Sep-10	29-Feb-12	47.050	\$ 20,987
10-0257	NATIONAL SCIENCE FOUNDATION		EAR-1015016	Probing the roots of active volcanic systems with spectral ambient noise tomography and receiver functions	15-Aug-10	31-Jul-12	47.050	\$ 126,317
10-0423	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNG10HP20C	IceBridge Greenland 2010	01-Mar-10	31-Dec-10		\$ 1,207,172
10-0424	CONSORTIUM FOR OCEAN LEADERSHIP	NATIONAL SCIENCE FOUNDATION	COCEANL T317B34	ACOUSTIC LOGS REPROCESSING AND PETROPHYSICAL CHARACTERIZATION OF SHELF SANDS, CANTERBURY BASIN, IODP EXPEDITION 317	04-Nov-10	03-Nov-12	47.050	\$ 12,899
10-0431	NATIONAL SCIENCE FOUNDATION		ARC-1022544	Arctic Ocean Visualization and Outreach	01-Oct-10	30-Sep-13	47.078	\$ 215,031
10-0520	NATIONAL SCIENCE FOUNDATION		OCE-1028045	RAPID Collaborative Research: Off-shore Coseismic effects of the Port au Prince	01-Feb-10	29-Feb-12	47.050	\$ 169,854
10-0521	NATIONAL SCIENCE FOUNDATION		BCS-1029219	Nature-Based Tourism in Urbanizing Economies: The Case of India's Protected Areas	15-Sep-10	28-Feb-13	47.075	\$ 144,698
10-0524	NATIONAL SCIENCE FOUNDATION		ARC-1023529	Collaborative Research: Long-term Observations in the Switchyard Region of the Arctic Ocean as Part of the Arctic Observing Network (AON)	01-Sep-10	31-Aug-13	47.078	\$ 1,326,358
10-0526	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN		NA10OAR4310210	The Continuation of the International Research Institute for Climate and Society 2010-2012	01-Jul-10	30-Jun-12	11.431	\$ 18,072,712
10-0528	NATIONAL SCIENCE FOUNDATION		OCE-1029211	Boundary Sources and Sinks of 230Th, 232Th and 231Pa in the NW Pacific	01-Sep-10	31-Aug-12	47.050	\$ 202,149
10-0530	CONSORTIUM FOR OCEAN LEADERSHIP	NATIONAL SCIENCE FOUNDATION	OCEANL T317A34	Wireline log-based stratigraphy along a shelf-slope transect in the Canterbury Basin, New Zealand	04-Jan-10	03-Nov-12	47.050	\$ 14,798
10-0533	CONSORTIUM FOR OCEAN LEADERSHIP	NATIONAL SCIENCE FOUNDATION	COCEANL T323A34	Seismic/Well Integration Bering Sea, IODP Expedition 323	04-Sep-09	03-Jul-12	47.050	\$ 12,320
10-0588	NATIONAL SCIENCE FOUNDATION		OCE-1031198	Late Quaternary Variability of the Agulhas Thermohaline Valve from Nd Isotopes in Planktonic Foraminifera	01-Sep-10	31-Aug-12	47.050	\$ 236,132
10-0594	NATIONAL SCIENCE FOUNDATION		OCE-1030309	Evaluation of Finestructure Mixing Parameterizations Based on LADCP Shear.	01-Jul-10	31-Aug-13	47.082	\$ 318,124

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10-0595	NATIONAL SCIENCE FOUNDATION		OCE-1030784	Mapping Saharan dust fluxes through the onset and termination of the African Humid Period in a transect of African margin cores	01-Sep-10	31-Aug-13	47.050	\$ 347,769
10-0601	NATIONAL SCIENCE FOUNDATION		OCE-1029936	Collaborative Research: Testing the reliability of Paleo ventilation estimates	01-Oct-10	30-Sep-12	47.050	\$ 226,999
10-0670	NATIONAL SCIENCE FOUNDATION		OCE-1032374	Workshop on Paleo-ocean Acidification and Carbon Cycle Perturbation Events August 26-28 2010	01-Jun-10	31-May-12	47.050	\$ 33,376
10-0728	BOOZ ALLEN HAMILTON INCORPORATED	AGENCY FOR INTERNATIONAL DVLPMNT, INT'L DVLPMNT COOP AGENCY	BAHI 97154DBSOF	Task Order Title: Agribusiness Climate Legal and Institutional Reform Project	01-Jan-10	31-Mar-10		\$ 31,957
10-0787	LIBRARY OF CONGRESS		AMERTEH CU10-0787	Development and Management of a Web Portal on Geospatial Data Preservation	01-Jun-10	31-May-12	42.002	\$ 125,000
10-0937	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX11AG81G	Global constrains on radiative properties of ice clouds using MODIS and POLDER measurements	25-Mar-11	24-Mar-14	43.001	\$ 90,783
10-0992	NATIONAL SCIENCE FOUNDATION		GEO-1035037	School-based Ecology and Environmental Discoveries (SEEDS)	15-Sep-10	31-Aug-14	47.050	\$ 407,191
10-0993	NATIONAL SCIENCE FOUNDATION		GEO-1034994	Professional Development to IMprove the Spatial Thinking of Earth Science Teachers and Students	15-Sep-10	31-Aug-12	47.050	\$ 149,620
10-0995	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX11AC22G	Operation Ice Bridge Science Team	01-Dec-10	30-Nov-13	43.001	\$ 188,090
10-1005	WILDLIFE TRUST (AKA ECOHEALTH ALLIANCE)	AGENCY FOR INTERNATIONAL DVLPMNT, INT'L DVLPMNT COOP AGENCY	WILDLIFE CU10-1005	USAID Avian and Pandemic Influenza and Zoonotic Disease Program	01-Oct-09	30-Sep-11	98.000	\$ 147,975
10-1009	NATIONAL SCIENCE FOUNDATION		GEO-1035036	GeoMapApp Mini-Lessons and the K-12 Classroom: Transformative Ressources for the 21st Century Educator	15-Sep-10	31-Aug-13	47.050	\$ 149,607
10-1012	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX10AT69G	NRA/Research Opportunities in Space and Earth Sciences-2009	01-Aug-10	24-Aug-13	43.001	\$ 2,016,575
10-1024	NATIONAL SCIENCE FOUNDATION		OCE-1035311	Collaborative Research: Automated Continuous Measurment of CFC and SF6 Saturations in Surface Waters	01-Oct-10	30-Sep-13	47.050	\$ 277,034
10-1099	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX10AT99G	Multisensor Mapping of Spatial and Temporal Variability of Large River Plumes	23-May-10	22-Aug-12	43.001	\$ 135,770
10-1205	DEPARTMENT OF ENERGY		DE-SC0006616	Collaborative Research: Decadal prediction and stochastic simulation of regional-scale climate0	01-Sep-11	31-Aug-14	81.049	\$ 355,204
10-1206	PICARRO INC.	DEPARTMENT OF ENERGY	PICAR CU10-1206	Carbon Dioxide and Methane Surface Flux Testing	08-Apr-10	14-Sep-10	81.049	\$ 34,824

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Prime PT	Sponsor	Funding Sponsor	AWARD NUMBER	Project Title	PROJECT START DATE	PROJECT END DATE	FED CATG	Earth Institute Award Budget
10-1210	DEPARTMENT OF ENERGY		DE-SC0005109	Collaborative Proposal on Separating Forced and Unforced Decadal Predictability in Models and Observations	01-Sep-10	31-Aug-13	81.049	\$ 35,185
10-1265	NATIONAL SCIENCE FOUNDATION		ARC-1049400	Workshop Support for US Arctic GEOTRACES Planning and International	15-Aug-10	31-Jul-11	47.078	\$ 25,000
10-1270	NATIONAL SCIENCE FOUNDATION		OCE-1038891	Ocean Acidification- Category 1 Climatological Mean Distribution of pH in Surface Waters in the United pH Scale and MEan Rate of changes in Selected Areas	01-Jan-11	31-Dec-12	47.050	\$ 291,596
10-1313	DEPARTMENT OF ENERGY		DE-SC0005107	Impact of rising greenhouse gases on midlatitude storm tracks and associated hydroclimate variability and change	15-Sep-10	14-Sep-13	81.049	\$ 360,000
10-1317	DEPARTMENT OF ENERGY		DE-SC0005108	Present and Future Modes of Low Frequency Climate Variability	15-Sep-10	14-Sep-13	81.049	\$ 451,359
10-1320	NATIONAL SCIENCE FOUNDATION		ANT-1043271	CCEP-I: Polar Learning and Responding (POLAR) Climate Partnership	15-Sep-10	31-Aug-13	47.078	\$ 1,186,111
10-1378	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX10AT85A	EdGCM: A Realistic Global Climate Modeling Experience for Educational Institutions	01-Oct-10	30-Sep-12	43.001	\$ 435,116
10-1381	DEPARTMENT OF ENERGY		DE-FE0004847	Radiocarbon as a reactive tracer for tracking permanent CO2 storage in basaltic rocks	01-Oct-10	31-Dec-13	81.089	\$ 1,019,353
10-1489	CONSORTIUM FOR OCEAN LEADERSHIP	NATIONAL SCIENCE FOUNDATION	COCEANL T318A34	Late Miocene cycle stratigraphy from downhole logs from IODP Sites U1359 and U1361, Wilkes Land	04-Jan-10	07-Jan-13	47.050	\$ 15,000
10-1490	NATIONAL SCIENCE FOUNDATION		OCE-1041133	Ocean Acidification- Category 1 Calibration and application of the boron isotope seawater - pH indicator in deep-water corals	15-Sep-10	31-Aug-13	47.050	\$ 441,221
10-1492	INSTITUTE FOR THE APPLICATION OF GEOSPATIAL TECHNOLOGY, INC	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	LAGT CU10-1492	Global Climate Change and Human Health Exploring Impacts in the Classroom using Innovative Technologies	01-Nov-10	31-Oct-13	43.001	\$ 116,697
10-1572	WOODS HOLE OCEANOGRAPHIC INSTITUTION	NATIONAL SCIENCE FOUNDATION	WHOI A100708	Scientific Leadership of the U.S. Ocean Drilling Community	01-May-10	10-Jan-13	47.050	\$ 122,717
10-1623	FRANKLIN INSTITUTE	NATIONAL SCIENCE FOUNDATION	FRANKLIN CU10-1623	Urban Climate Education Partnership	15-Oct-10	31-Aug-12	47.050	\$ 85,985
10-1724	PENNSYLVANIA STATE UNIVERSITY	DEPARTMENT OF AGRICULTURE	PSU 4399CUUSDA0057	Enhancing Food Security of Underserved Populations in the Northeast through Sustainable Regional Food Systems	01-Mar-11	29-Feb-16	10.310	\$ 119,648
10-1772	NATIONAL SCIENCE FOUNDATION		ANT-1043669	US/Chinese Collaborative Study: Investigation of Bottom Water Formation in Prydz Bay, Antarctic	15-Jul-11	31-Jul-14	47.078	\$ 361,242
10-1776	U.S. GEOLOGICAL SURVEY/DEPARTMENT OF THE INTERIOR		USGS G11AP20037	Near-Real-Time Monitoring, Analysis and Forecast of Repeating Earthquake in Northern California...	01-Jan-11	31-Dec-12	15.807	\$ 55,000

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10-1787	NATIONAL SCIENCE FOUNDATION		ANT-1043589	Collaborative Research: Multiple-nuclide approach to systematically evaluate the scatter in surface exposure ages in Antarctica and to develop consistent alpine glacier chronologies	01-Sep-11	31-Aug-14	47.078	\$ 357,742
10-1809	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX11AF68G	Improving Decision-Making Activities for Malaria and Meningitis Risk Mapping-Integration of NASA Products/Platforms (SERVIR) and UN WHO-OpenHealth	01-Apr-11	01-Aug-12	43.001	\$ 89,163
10-1818	NATIONAL SCIENCE FOUNDATION		ANT-1043481	Subglacial drainage and slip modeling in Antarctica: relating lakes to ice discharge	01-Mar-11	28-Feb-14	47.078	\$ 215,036
10-1819	NATIONAL SCIENCE FOUNDATION		ANT-1043540	Dynamic and geochemical evolution of the lithospheric mantle beneath the Western Ross Sea Area, Antarctica	15-Dec-10	30-Nov-12	47.078	\$ 299,432
10-1820	NATIONAL SCIENCE FOUNDATION		ANT-1043619	Collaborative Research: East Antarctic outlet glacier contributions to the ROSS Sea from chronology of detrital grains	15-Dec-10	30-Nov-12	47.078	\$ 162,338
10-1822	NATIONAL SCIENCE FOUNDATION		ANT-1043471	A study of Atmospheric Dust in the WAIS Divide Ice Core Based on Sr-Nd-Pb-He Isotopes	08-Jun-11	31-Jul-14	47.078	\$ 376,561
10-1884	CALIFORNIA STATE UNIVERSITY, MONTEREY BAY	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	5019703A-091212-S-A	Remote Sensing and Ecosystem Modeling: Research, Technology Development and Applications for Earth System...	01-Sep-11	30-Apr-12	43.001	\$ 84,819
10-1893	NATIONAL SCIENCE FOUNDATION		OCE-1048482	RAPID: Rapid assessment of extent and photophysiological	21-Jun-10	31-Jul-12	47.050	\$ 199,972
10-1897	CORNELL UNIVERSITY	DEPARTMENT OF AGRICULTURE	CU CU10-1897	New Tools and Incentives for Carbon, Nitrogen, and Greenhouse Gas Accounting and Management in Corn Cropping Systems	01-Jan-11	31-Mar-16	10.310	\$ 207,783
10-1905	U.S. GEOLOGICAL SURVEY/DEPARTMENT OF THE INTERIOR		USGS G10AC00696	NBII Northeast Information Node	01-Sep-10	31-Aug-15	15.808	\$ 54,000
10-1931	DEPARTMENT OF THE ARMY, ARMY CORPS OF ENGINEERS		IPA-08-0001	IPA Award: Development of Water Resource Planning Methods	01-Jan-08	30-Dec-08		\$ 23,775
10-1956	NATIONAL SCIENCE FOUNDATION		AGS-1049066	Multi-Scale Climate Information for Agricultural Planning in Southeastern South America for Coming Decades	01-Mar-11	28-Feb-14	47.050	\$ 919,153
10-1957	NATIONAL SCIENCE FOUNDATION		SES-1048946	Collaborative Research: Use of Climate Information in International Negotiation for Adaptation Resources	29-Nov-10	31-Mar-14	47.075	\$ 394,870
10-1966	NATIONAL SCIENCE FOUNDATION		AGS-1049120	Type 1 Collaborative Research: Integration of Decadal Climate Predictions, Ecological Models and Human Decision-Making to Support Climate-Resilient Agriculture in the Argentine Pampas	01-May-11	30-Apr-14	47.050	\$ 88,996

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10-1968	NATIONAL SCIENCE FOUNDATION		AGS-1049323	RAPID: Impact of Gulf Oil Surface Films on Atmosphere-Ocean Exchange	01-Jul-10	31-Jul-11	47.050	\$ 122,591
10-1999	DEPARTMENT OF THE NAVY, OFFICE OF NAVAL RESEARCH		N00014-11-1-0168	Ocean Surface Wave Optical Roughness: Analysis of Innovative Measurements	01-Feb-11	31-Jan-13	12.300	\$ 89,839
10-2000	NATIONAL SCIENCE FOUNDATION		OCE-1049620	Collaborative Research: Faulting Processes During Early-Stage Rifting: Analysis of an Unusual Earthquake Sequence in Northern Malawi	15-Dec-10	30-Nov-12	47.050	\$ 102,793
10-2001	NATIONAL SCIENCE FOUNDATION		DEB-1049714	Collaborative Research: Fire, Climate, and Forest History if Mongolia	01-Jun-10	31-Aug-12	47.074	\$ 171,245
10-2003	HOFSTRA UNIVERSITY	DEPARTMENT OF ENERGY	HOFSTRA CU10-2003	Hofstra University Center for Climate Study (HUCCS)	14-Jan-11	14-Sep-12	81.049	\$ 20,000
10-2044	NATIONAL SCIENCE FOUNDATION		EAR-1049905	Petrologic study of Peridotite Carbonation in Oman:Temperture Timing and Fluid Composition	01-Mar-11	28-Feb-14	47.050	\$ 300,203
10-2048	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN		RA133E10SE2556	Metadata Templates for Geologic Sample Information	15-Sep-10	14-Sep-11		\$ 10,000
10-2050	SCIENTIFIC CONSULTING GROUP, INC.	ENVIRONMENTAL PROTECTION AGENCY	SCGI 08251-12-1	IRI-SCG Developing Concepts and Approaches for Cross-Cutting Analyses of the Observational Priorities and Other Important Information from the 2009 US-09-01a Primary Reports	22-Jul-10	30-Nov-10		\$ 15,462
10-2185	NATIONAL SCIENCE FOUNDATION		EAR-1057610	Collaborative Research: Development of 40Ar/39Ar Intercalibration Pipettes	01-Jun-11	31-May-13	47.050	\$ 22,819
10-2221	NATIONAL SCIENCE FOUNDATION		EAR-1053292	Collaborative Research: Dynamics of Crust-Mantle Coupling through Combined Analysis and Modeling of EarthScope Seismic, Geodetic, and Geologic Data	15-Aug-11	31-Jul-14	47.050	\$ 143,650
10-2287	NATIONAL SCIENCE FOUNDATION		OCE-1058233	MRI: RAPID: Oil Spill Instrument Acquisition for Flurometric Detection of Underwater Oil and Soluble VOC's	30-Jul-10	31-Aug-11	47.050	\$ 132,639
10-2464	NATIONAL SCIENCE FOUNDATION		OCE-1059175	Partial Support for US Participation in a Workshop Geological Carbon Capture & Storage in a Mafic and Ultramafic Rocks	15-Sep-10	31-Aug-11	47.050	\$ 29,000
10-2536	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX10AU63A	Interdisciplinary Research on Climate Science & the Impacts of Climate Change	01-Jun-10	31-Aug-13	43.001	\$ 3,289,560
10-2604	NATIONAL SCIENCE FOUNDATION		EAR-1056332	CAREER: Very Broadband Rheology and the Internal Dynamics of Plate Boundaries on Earth	01-Oct-11	30-Sep-16	47.050	\$ 174,813
10-2623	NATIONAL SCIENCE FOUNDATION		OCE-1060804	Constraining the past and future ocean sink of anthropogenic carbon with observations	15-Feb-11	31-Jan-14	47.050	\$ 467,174

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10-2650	NATIONAL SCIENCE FOUNDATION		AGS-1064081	Collaborative Research: Tropical Cyclones in a Warming Climate: Lessons from Model Simulations of the last Glacial Maximum and Holocene	15-Apr-11	31-Mar-14	47.050	\$ 113,349
10-2656	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN		NA11OAR4310093	Collaborative Research: Tropical Cyclone Tracks in Present and Future Climates	01-Sep-11	31-Aug-14	11.431	\$ 162,792
10-2661	DEPARTMENT OF COMMERCE, NATIONAL OCEANIC & ATMOSPHERIC ADMIN		NA11OAR4310090	Climatology and variability of tropical rainfall in the 20th century reanalysis	01-Sep-11	31-Aug-12	11.431	\$ 64,685
10-2671	UNIVERSITY OF MARYLAND	NATIONAL SCIENCE FOUNDATION	UMARY D150756	ENSO Paleoclimatology in Queensland, Australia	01-Jun-10	31-May-11	47.050	\$ 20,000
10-2679	NATIONAL SCIENCE FOUNDATION		OCE-1060907	The response of the Subarctic North Pacific to abrupt climate change: Reconstructing dust flux and biological productivity during the last deglaciation	01-Jun-11	31-Aug-14	47.050	\$ 354,548
10-2681	NATIONAL SCIENCE FOUNDATION		BCS-1063231	Collaborative Research: Climatological vegetational and anthropogenic controls on channelization and shallow landsliding quantified through objective analysis of lidar data	15-Aug-11	31-Jan-14	47.075	\$ 180,172
10-2754	INCORPORATED RESEARCH INSTITUTION FOR SEISMOLOGY	NATIONAL SCIENCE FOUNDATION	IRIS 39-GSN	Operation, Densification and Upgrade of Continuous GPS Station in Russia	01-Jul-11	30-Sep-12	47.050	\$ 20,000
10-2877	UNIVERSITY OF WISCONSIN	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	UWIS 257K935	Implication of Changing Sea-Ice on Phytoplankton and Zooplankton Biomass and Community Structure in the Bering Sea	01-Aug-10	31-Jul-13	43.001	\$ 299,788
10-2896	DEPARTMENT OF AGRICULTURE - FOREST SERVICE		SFES 10-JV-11242306-152	Use of Long Term Experimental Forrest Provenance Trials for Selection of Future Forrests: Tools to Predict Forest adaption to Climate Change	27-Sep-10	14-Jun-14		\$ 74,968
10-2990	NATIONAL SCIENCE FOUNDATION		EAR-1067974	CSEDI Collaborative Research: Integrating Seismological, Rheological and Petrological Studies of Melt Production and Transport in Subduction Zones	15-Sep-11	31-Aug-13	47.050	\$ 217,124
10-3006	DEFENSE THREAT REDUCTION AGENCY		HDTRA1-11-1-0027	Investigation of Data-Intensive Discovery Methods for Improved Seismic Monitoring	01-May-11	30-Apr-14	12.351	\$ 337,620
10-3009	UNIVERSITY OF SOUTHERN CALIFORNIA	NATIONAL SCIENCE FOUNDATION	USC 149727	Development of Telemetry System for the Deep Earth Biological Investigation Tool (DEBI-t)	01-Oct-10	30-Sep-11	47.050	\$ 59,484
10-3253	NATIONAL SCIENCE FOUNDATION		EAR-1103486	Collaborative Research: Evaluating Controls on Holocene Glacier Flucations and Climate Variability in the Southern Peruvian Andes	15-Sep-11	31-Aug-14	47.050	\$ 52,914

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10-3290	NATIONAL SCIENCE FOUNDATION		EAR-1103379	Collaborative Research: Absolute-dated records of Late Quaternary paleohydrology in the Bonneville Basin, western U.S. from novel cave archives	01-Sep-11	31-Aug-14	47.050	\$ 59,828
10-3295	DEPARTMENT OF AGRICULTURE		USDA No. 58-3625-0-646	Evaluation of the Impact of Changing Climate on Food Security Through Global Agriculture Models	24-Sep-10	31-May-15	10.001	\$ 180,541
10-3299	NATIONAL SCIENCE FOUNDATION		DRL-1103833	CRPA: Shrinking Glaciers: Achronology of Climate Change	15-Jan-11	31-May-13	47.076	\$ 109,101
10-3301	NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES		1 R01 ES020424-01	Validating particulate matter monitors for multiple parameters	07-Sep-11	31-Aug-13	93.113	\$ 451,349
10-3424	NATIONAL SCIENCE FOUNDATION		OCE-1103519	Collaborative Research: Quantifying the ocean's response to solar forcing: Multidecadal to century-scale variability of North Atlantic SST's	15-Sep-11	31-Aug-14	47.050	\$ 266,135
10-3463	NATIONAL SCIENCE FOUNDATION		AGS-1103450	Collaborative Research: P2C2-Past and Future Drought Variability in the Mediterranean Basin	01-Jun-11	31-May-14	47.050	\$ 70,388
10-3475	MARYLAND SCIENCE CENTER	NATIONAL SCIENCE FOUNDATION	MSC CU10-3475	Polar Weekend Fair - Baltimore MD 2010	01-Nov-10	15-Dec-10	47.050	\$ 9,520
10-3553	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX11AC14G	Development of a Self-Consistent Model for Spatial and Temporal Variation of Sea Level Integrating Data on Cryospheric Mass change, Ocean Dynamics, and Solid-Earth Loading	28-Jan-11	27-Jan-14	43.001	\$ 597,363
10-3559	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX11AB97G	Investigations of Glacial Isostasy and Secular Mass Variations Using GRACE	15-Mar-11	14-Mar-12	43.001	\$ 114,835
10-3609	NATIONAL SCIENCE FOUNDATION		ARC-1110322	Collaborative Research: High-resolution studies of glacier dynamics at two major outlet glaciers in East Greenland	30-Jun-10	31-Aug-11	47.078	\$ 42,270
10-3614	NATIONAL SCIENCE FOUNDATION		EAR-1105148	Workshop proposal: Recovering uncompromised samples of aquifer sands with in-situ groundwater from up to 300-m depth in South and Southeast Asia	15-Jan-11	31-Dec-11	47.050	\$ 20,000
10-3628	VANDERBILT UNIVERSITY	DEPARTMENT OF THE NAVY, OFFICE OF NAVAL RESEARCH	VU 22539-S1	Seasonal COSEE: Environmental stress and human migration in two developing coastal nations: A comparison of the co-evolving and physical landscapes in Bangladesh and Sri Lanka	01-Jun-11	30-Sep-12	12.300	\$ 404,315
10-3630	NATIONAL SCIENCE FOUNDATION		EAR-1112216	Collaborative Research: Combined Seismological and Geodetic Constraints on a 3-D Mantle Structure	30-Jun-10	30-Jun-12	47.050	\$ 88,561

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10-3654	NATIONAL SCIENCE FOUNDATION		ARC-1107885	Collaborative Research: Resolving centennial-to millennial-scale trends in glacier extent and lake sedimentation in the Brooks Range, Arctic Alaska	01-Sep-11	31-Aug-15	47.078	\$ 112,675
10-3657	NATIONAL SCIENCE FOUNDATION		AGS-1103466	Collaborative Research: P2C2-Western Equatorial Pacific Rainfall during the Holocene-New Interannual Records from High Resolution Borneo Stalagmites	01-Sep-11	31-Aug-13	47.050	\$ 79,617
10-3663	UNIVERSITY OF MARYLAND	NATIONAL SCIENCE FOUNDATION	UMARY Z365301	Ultra-Ex Understanding the Dynamic Connections among Stewardship, Land Cover, and Ecosystem Services in New York City's Urban Forest	31-Dec-10	29-Feb-12	47.074	\$ 64,568
10-3752	NATIONAL SCIENCE FOUNDATION		EAR-1115312	RAPID: US Contribution to ICDP Dead Sea Deep Drill Core Project (DSDDP)	15-May-11	30-Apr-12	47.050	\$ 150,000
11-0021	NATIONAL SCIENCE FOUNDATION		OCE-1115537	2011 Shipboard Scientific Support Equipment	01-May-11	30-Sep-13	47.050	\$ 720,000
11-0122	NATIONAL SCIENCE FOUNDATION		EAR-1118943	Connecting lava rheology and flow dynamics using novel field and modeling techniques	01-Jan-12	31-Dec-13	47.050	\$ 150,000
11-0182	DEPARTMENT OF THE NAVY, OFFICE OF NAVAL RESEARCH		N00014-11-1-0517	Validation of Biogeochemical Measurements in the Arctic Ocean from Virginia and Sea Wolf Class Submarines	01-Mar-11	31-May-13	12.300	\$ 420,291
11-0248	SANDIA TECHNOLOGIES LLC	DEPARTMENT OF ENERGY	SANDIA 1510-TB-2011	Coring and Logging through Newark Basin formations at Lamont-Doherty	01-Jul-11	30-Sep-12	81.049	\$ 780,870
11-0498	NATIONAL SCIENCE FOUNDATION		EAR-1119456	Collaborative Research: Fluid Transport and Fluid-Rock Interactions Preserved in Two Serpentinite Melanges in the Guatemala Suture Zone	01-Jul-11	30-Jun-14	47.050	\$ 48,441
11-0541	NATIONAL SCIENCE FOUNDATION		OCE-1121022	Collaborative Research: Quantitative Importance and Trophic Role of Noctiluca Blooms in the Arabian Sea	04-Oct-10	31-Oct-12	47.050	\$ 60,124
11-0542	NATIONAL SCIENCE FOUNDATION		OCE-1121039	Collaborative Research: Grazing and Iron Controls of Diatom Blooms in the Arabian Sea	13-Dec-10	31-Dec-12	47.050	\$ 107,769
11-0547	CONSORTIUM FOR OCEAN LEADERSHIP	NATIONAL SCIENCE FOUNDATION	COCEANL T329A34	Absolute Paleointensity from the Cretaceous Long Normal	10-Oct-10	12-Oct-13	47.050	\$ 14,987
11-0560	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX11AK11G	Integration of Ocean and Earth Dynamics of Measurement and Prediction of Sea-Level Change	20-Jul-11	19-Jul-12	43.001	\$ 69,154
11-0582	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX11AE22G	Characterization of Large and Unusual Noctiluca Blooms in the Northern Arabian Sea and Their Role in Carbon Cycling During the Winter Monsoon	28-Jan-11	27-Apr-12	43.001	\$ 271,727

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11-0653	NATIONAL SCIENCE FOUNDATION		DUE-1123039	Collaborative Research:Development of Adaptable Web Modules to Stimulate Active Learning in Hydrology Using Data and Model Simulation	01-Oct-11	30-Sep-15	47.076	\$ 98,324
11-0666	UTAH STATE UNIVERSITY	DEPARTMENT OF THE INTERIOR, BUREAU OF RECLAMATION	11055301	Back to the Future: Innovative tree ring suite analysis to reconstruct paleo climat and stream flows for improved urban water planning under climate change	22-Mar-11	28-Feb-12	15.507	\$ 23,224
11-0674	NATIONAL SCIENCE FOUNDATION		OCE-1129603	Support for the U.S. GEOTRACES Project Office	01-Oct-11	30-Sep-14	47.050	\$ 324,123
11-0683	NATIONAL SCIENCE FOUNDATION		OCE-1129973	Collaborative Research: An inverse and forward modeling synthesis of noble gases to better quantify biogeochemical cycles	15-Sep-11	31-Aug-14	47.050	\$ 162,457
11-0686	ARUP	GENERAL SERVICES ADMINISTRATION	ARUP CU11-0686	GSA Greenroofs Benefits & Challenges Study	01-Oct-10	30-Sep-11		\$ 10,000
11-0689	NATIONAL SCIENCE FOUNDATION		AGS-1128172	Mechanisms of 20th Century Mediterranean Drying: The Role of External Forcing Versus Natural Variability	15-Apr-11	31-Mar-12	47.050	\$ 37,000
11-0723	NATIONAL SCIENCE FOUNDATION		OCE-1131455	Collaborative Research: Developing New Instrumentation ot Accurately Measure Heat and Mass Flux of Hydrothermal Fluids	15-Sep-11	31-Aug-13	47.050	\$ 373,982
11-0749	REGENTS OF THE UNIVERSITY OF MINNESOTA	NATIONAL SCIENCE FOUNDATION	H002341901	Terra Populus: A Global Population/Environment Data Network	01-Sep-11	31-Aug-16	47.080	\$ 74,637
11-0826	NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES		2 R01 ES013163-06A1	Black Carbon Exposure, DNA Methylation, Airway Inflammation in Pediatric Asthma	01-Nov-11	31-Oct-16	93.113	\$ 51,107
11-0834	ARRAY INFORMATION TECHNOLOGY	DEPARTMENT OF THE AIR FORCE	AIT A002-2011	A Multiple Stage, Bayesian Method for Seismic Attenuation Tomography, with Application to crustal Guided Waves in Eastern Eurasia	01-Mar-11	29-Feb-12		\$ 35,200
11-0892	NATIONAL SCIENCE FOUNDATION		OCE-1119776	Oceanographic Instrumentation 2011	01-Apr-11	31-Mar-12	47.050	\$ 476,837
11-0906	AGENCY FOR INTERNATIONAL DVLPMNT, INT'L DVLPMNT COOP AGENCY		AID-497-A-11-00011	Columbia University and Institut Pertanian Bogor Partnership to Build Capacity for Adaptation Climate Risks in Indonesia	08-Jul-11	07-Jul-14	98.007	\$ 250,000
11-0908	ENVIRONMENTAL PROTECTION AGENCY		EPA 97210101	Conference co-sponsorship between the Earth Institute and the EPA	01-Feb-11	30-Apr-11	66.610	\$ 15,000
11-0993	UNIVERSITY OF COLORADO	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	1548570	Investigations of Spatial and Temporal Variability of Ocean and Ice Conditions In and Near the marginal Ice Zone	01-Sep-11	31-Aug-13	43.002	\$ 373,378
11-0997	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX11AP28G	Spatial and temporal variability in chlorophyll, primary production and carbon export in the Bering Sea linked to climate change	26-Aug-11	25-Aug-12	43.001	\$ 66,077

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11-0998	NATIONAL SCIENCE FOUNDATION		OCE-1132545	RAPID: Continuation of U.S. GEOTRACES North Atlantic Section: CFC and SF6 Measurements	01-Jul-11	30-Jun-12	47.050	\$ 31,462
11-1072	SOUTHERN UNIVERSITY AND A&M COLLEGE	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	SUAMC P0010607	An Ecosystem Approach to Climate Change Education	01-Sep-11	31-Aug-12	43.001	\$ 36,971
11-1211	NATIONAL SCIENCE FOUNDATION		AGS-1129519	The Impact of Downward Wave Coupling on the Tropospheric Circulation	01-Sep-11	31-Aug-14	47.050	\$ 343,641
11-1345	DEPARTMENT OF THE NAVY, OFFICE OF NAVAL RESEARCH		N00014-11-1-0922	Remote Monitoring of Subsurface Flow Conditions in Rivers	01-Jul-11	30-Jun-13	12.300	\$ 179,413
11-1392	NATIONAL SCIENCE FOUNDATION		OCE-1133277	Collaborative Research: ETBC: Amazon Influence on the Atlantic Carbon Exports From Nitrogen Fixation by Diatom Symbioses	01-Feb-11	30-Sep-12	47.050	\$ 194,739
11-1416	AGENCY FOR INTERNATIONAL DVLPMNT, INT'L DVLPMNT COOP AGENCY		AID-OAA-A-11-00011	Weather and Climate Information for Climate-resilient Development	27-Jul-11	28-Jul-15		\$ 2,475,000
11-1481	UNIVERSITY OF OREGON	NATIONAL SCIENCE FOUNDATION	208991F	Support for the Cascade Initiative Expedition Team	01-Jul-11	30-Jun-12	47.050	\$ 54,448
11-1523	WESTON GEOPHYSICAL CORP.	DEFENSE ADVANCED RESEARCH PROJECTS AGENCY	WPGC CU11-1523	Subcontract toL The Potential for Decoupling Explosions in Fractured Hard Rock: Examples from Kazakhstan Historical Data and a New Field Study	18-May-11	17-May-14		\$ 99,837
11-1564	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX12AB70G	Interdisciplinary Study of the Ocean-Ice Shelf Interface Utilizing IceBridge Data	22-Nov-11	21-Nov-14	43.001	\$ 169,452
11-1620	CONSORTIUM FOR OCEAN LEADERSHIP	NATIONAL SCIENCE FOUNDATION	COCEANL T334A34	Quantifying borehole shapes in IODP Holes U1378A and U1379A from density and ultrasonic LWD measurements	14-May-11	14-Jan-14	47.050	\$ 15,000
11-1629	NATIONAL SCIENCE FOUNDATION		OCE-1139036	RAPID-Collaborative Research-Offshore impacts of the Tohoku-Oki earthquake on seafloor deformation, sedimentation, erosion, tsunamigenesis	01-Aug-11	31-Jul-12	47.050	\$ 87,116
11-1630	NATIONAL SCIENCE FOUNDATION		DRL-1138616	Collaborative Research: FIRE: Making Meaning from Geoscience Data: A Challenge at the intersection of Geosciences and Cognitive Sciences	01-Sep-11	31-Aug-13	47.076	\$ 342,731
11-1633	DEPT. OF COMMERCE - NATIONAL INST OF STANDARDS & TECH		60NANB11D192	Intra and Inter Building control algorithms and smartgrid communication links to facilitate electricity storage in buildings	01-Sep-11	31-Aug-13	11.609	\$ 103,602
11-1688	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		NNX11AR63A	Interdisciplinary Global Change Research Druyan Cooperative Continuation 2011	02-Jun-11	01-Sep-14	43.001	\$ 675,398
11-1812	NATIONAL SCIENCE FOUNDATION		EAR-1141986	Comprehensive high-precision relocation of global seismicity	01-Feb-12	31-Jan-15	47.050	\$ 86,843
11-1827	NATIONAL SCIENCE FOUNDATION		OCE-1113045	Oceanographic Instrumentation 2011	01-Jun-11	31-May-12	47.050	\$ 22,230
11-1868	NATIONAL SCIENCE FOUNDATION		OCE-1143745	EAGER: The 170-excess of dissolved O2 in the deep-sea: A possible tracer of Little Ice Age oceanography	01-Aug-11	31-Jul-12	47.050	\$ 15,912

Earth Institute Federal Awards
Where Funding was Received After 9/30/2009

Prime PT	Sponsor	Funding Sponsor	AWARD NUMBER	Project Title	PROJECT START DATE	PROJECT END DATE	FED CATG	Earth Institute Award Budget
11-1921	CONSORTIUM FOR OCEAN LEADERSHIP	NATIONAL SCIENCE FOUNDATION	COCEANL T335B34	Shear wave anisotropy in oceanic crust formed by superfast spreading	28-Jun-11	28-Feb-14	47.050	\$ 14,981
11-1941	DEPARTMENT OF THE NAVY, OFFICE OF NAVAL RESEARCH		N00014-11-1-0853	Ocean Surface Temperature Response to Atmospher-Ocean Interactio of the MJO	01-Aug-11	31-Dec-13	12.300	\$ 390,293
11-1943	NATIONAL SCIENCE FOUNDATION		AGS-1143959	Tropical Cyclones and Climate - A Model Intercomparison Project	01-Jan-12	31-Dec-14	47.050	\$ 699,620
11-1965	U.S. GEOLOGICAL SURVEY/DEPARTMENT OF THE INTERIOR		USGS G11PC00051	Measurement of Tritum, Helium, Neon, 3He/4He and Noble Gases in Groundwater Samples	01-Nov-11	31-Oct-16		\$ 50,000
11-1985	CONSORTIUM FOR OCEAN LEADERSHIP	NATIONAL SCIENCE FOUNDATION	COCEANL T335A34	Permeability and temperature in ODP/IODP Hole 1256D	28-Jun-11	28-Feb-14	47.050	\$ 13,173
11-1993	NATIONAL SCIENCE FOUNDATION		OCE-1144759	Collaborative Research: Plutons as Ingredients for Contintal crust: Piolt study of the differences between intermediate plutons and lavas in the Intra-oceanic Aleutian arc	15-Feb-12	31-Jul-13	47.050	\$ 99,105
11-2105	NATIONAL SCIENCE FOUNDATION		EAR-1145177	Collaborative Research: Hawaiian and subplinian basaltic volcanism: Constraints on eruption dynamics from Kilauea	01-Jan-12	31-Dec-13	47.050	\$ 124,448
11-2232	NATIONAL SCIENCE FOUNDATION		OCE-1147104	RAPID: Deploying VentCam as a Data Collection Base Station for the Axial Seamount SensorBot Array	01-Aug-11	31-Jul-12	47.050	\$ 36,724
11-2242	U.S. GEOLOGICAL SURVEY/DEPARTMENT OF THE INTERIOR		G11PC00041	USGS National Acquisition	15-May-11	31-Dec-11		\$ 3,385,734
11-2274	NATIONAL SCIENCE FOUNDATION		OCE-1150520	Collaborative Research: Optimizing Multibeam Data Acquisition Operations and Quality for the U.S. Academic Research Fleet	15-Sep-11	31-Aug-12	47.050	\$ 31,196
11-2287	NATIONAL SCIENCE FOUNDATION		EAR-1150072	EAGER: Catastrophic landslide dynamics from seismic wave inversion and satellite remote sensing	01-Sep-11	31-Aug-12	47.050	\$ 38,240
11-2475	MONTANA STATE UNIVERSITY	DEPARTMENT OF ENERGY	G132-12-W3521	Big Sky Regional Carbon Sequestration Regional Partnership - Phase III (Renewal Application)	25-Jul-11	24-Jul-12	81.089	\$ 134,475
11-2476	TETRA TECH ARD	AGENCY FOR INTERNATIONAL DVLPMT, INT'L DVLPMT COOP AGENCY	TETRAARD 1842-001	USAID African and Latin American Resillience to Climate Change (ARCC)	25-Oct-11	31-Mar-12		\$ 100,401
11-2525	DEPARTMENT OF AGRICULTURE		USDA 59-3625-1-745	The Agriculture Model Inter-comparison and Improvement Project (Agmip)	01-Mar-11	28-Feb-14	10.001	\$ 2,082,900
11-2714	NATIONAL SCIENCE FOUNDATION		EAR-1124114	Collaborative Research: A field, laboratory and theoretical study of mixed bedrock-alluvial meandering rivers	15-Sep-11	31-Aug-14	47.050	\$ 235,521
11-2749	VIRGINIA POLYTECHNICAL INSTITUTE AND STATE UNIVERSITY	NATIONAL SCIENCE FOUNDATION	VPtISU 478672-19020	Evolution of the Galapagos Mantle Plume	31-Aug-11	31-Aug-14	47.050	\$ 43,187

Earth Institute Federal Awards
Where Funding was Received After 9/30/2009

Prime PT	Sponsor	Funding Sponsor	AWARD NUMBER	Project Title	PROJECT START DATE	PROJECT END DATE	FED CATG	Earth Institute Award Budget
11-3287	INSTITUTE OF INTERNATIONAL EDUCATION	DEPARTMENT OF EDUCATION (U.S.)	IIE G66007157	Agreement-Bellagio Travel Grant	01-Jul-11	30-Sep-11		\$ 14,014
11-3355	NATIONAL SCIENCE FOUNDATION		OCE-1158886	Collaborative Research: Coring the Line Islands Ridge for Paleoceanographic Research	15-Feb-12	31-Jan-13	47.050	\$ 74,468
11-3360	NATIONAL SCIENCE FOUNDATION		AGS-1203320	Insolation control of ice sheet mass balance in the 41-kyr world: A test of multiple hypotheses	15-Aug-11	31-Jul-12	47.050	\$ 86,739
11-3361	NATIONAL SCIENCE FOUNDATION		OCE-1202632	FESD Type 1: Pliocene Maximum Sea Level (PLIOMAX): Dynamic Ice Sheet-Earth Response in a Warmer World	01-Sep-11	31-Aug-16	47.050	\$ 2,699,966
11-3367	JET PROPULSION LAB, CALIFORNIA INSTITUTE OF TECHNOLOGY	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	JPL 1446325	ROSES10 A24-COUND is a project of using NASA A-Train satellite data for IPCC climate model evaluations	17-Nov-11	31-Mar-12		\$ 6,825
11-3580	NATIONAL SCIENCE FOUNDATION		OCE-1211110	Coral-based Reconstruction of salinity and temperature variability in the Southern Makassar Strait and its influence on the Indonesian Throughflow	01-Sep-11	30-Sep-12	47.050	\$ 283,220
11-3608	NATIONAL SCIENCE FOUNDATION		OCE-1211106	Collaborative Research: Extracting multi-century low-latitude sea surface temperatures from coral skeletons using replicated records of annual growth: method refinement & application	01-Sep-11	31-Aug-12	47.050	\$ 79,242
12-0022	TEACHERS COLLEGE	DEPARTMENT OF THE ARMY	TC 516125	Conflict Dynamics Research (Kyong Mazzaro Transfer to AC 4)	01-Jun-11	31-Oct-11	12.431	\$ 23,619
12-0509	UNIVERSITY OF CALIFORNIA RIVERSIDE	NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	UCR 5-000546	Down to Earth Climate Science: Engaging Tomorrow's Leaders Today	01-Jan-12	31-Dec-13	43.001	\$ 6,216