



2008 ACCOMPLISHMENTS

The Alliance for Earth Observations, established in December 2003 and an initiative of the Institute for Global Environmental Strategies, is a leader in promoting the understanding, use and improvement of Earth observations for societal and economic benefit. Specifically, the Alliance promotes development of the Global Earth Observation System of Systems (GEOSS) and the U.S. Integrated Earth Observation System (IEOS). The following pages provide a summary of our efforts in 2008.

2008 Members

[Atmospheric and Environmental Research, Inc. \(AER\)](#)

[Ball Aerospace & Technologies Corp.](#)

[The Boeing Company](#)

[CARIS USA, Inc.](#)

[Center for Southeastern Tropical Advanced Remote Sensing \(CSTARS\), University of Miami](#)

[CIRESIN at Columbia University](#)

[Computer Sciences Corporation \(CSC\)](#)

[EADS Astrium](#)

[Education & Research Services Inc. \(ERS\)](#)

[Harris](#)

[Johns Hopkins University, Applied Physics Laboratory](#)

[Lockheed Martin](#)

[L3 Communications – Maripro, Inc.](#)

[Northrop Grumman](#)

[The Planetary Society](#)

[Raytheon](#)

[Science Applications International Corporation \(SAIC\)](#)

[Scripps Institution of Oceanography](#)

[Southeastern University Research Association \(SURA\)](#)

[Woods Hole Oceanographic Institution](#)

Events, Programs & Presentations

Climate Change, Space, and Implications for National Security: 24th National Space Symposium - Colorado Springs, CO

April 7-10, 2008

Climate Change, Space, and Implications for National Security Panel was moderated by Executive Director Nancy Colleton. Panelists included: David Ryan of Northrop Grumman Space Technology; Michele Brunngraber of the Department of National Intelligence; Ray Clark of the Clark Group; and Scott Rayder of NOAA.

Space Business Forum: Climate Change & Green Energy - New York, NY

June 18, 2008

Executive Director Nancy Colleton and David Ryan of Northrop Grumman Space Technology participated in a meeting designed for Wall Street analysts, investment bankers, institutional advisors, and high-risk insurers to engage in meaningful dialogue on the importance of space-based Earth Observations to climate change and alternative energy.

Climate Change Editorial Roundtable - Washington, DC

July 9, 2008

Hosted by Aviation Weekly, the roundtable discussion, "It's the Economy, Stupid," included speakers: Bill Anderson, Assistant Secretary of the Air Force, Environment, Logistics & Installations; Gerard Wittman, Civil Satellite Systems, Raytheon; Maureen Heath, Vice President, Northrop Grumman Space Technology; Sean Bond, President, Platform Solutions, BAE Systems; and Nancy Colleton, Executive Director, Alliance for Earth Observations.

Congressional Briefing on the UCAR Transition Paper: "Advice to the New Administration and Congress: Actions to Make Our Nation Resilient to Severe Weather and Climate Change"

October 7, 2008

A paper written for the Presidential Transition Team on the importance of Earth Observations in climate change research. The paper was written in conjunction with the University Corporation for Atmospheric Research, the American Meteorological Society, the American Geophysical Union, the Weather Coalition, the Consortium of Universities for the Advancement of Hydrologic Science, the National Association of State Universities and Land-Grant Colleges, the Consortium for Ocean Leadership, and the Alliance for Earth Observations.

The California Roundtable on Improving Environmental Information and Technology to Manage Climate Risk and Opportunity - Sausalito, CA

November 12, 2008

The Alliance, in conjunction with the California Chamber of Commerce, convened California leaders of government, business, academia, and non-governmental entities to discuss the need for regional Earth observations in California's climate change mitigation policies, resulting in Lt. Governor John Garamendi's call for an "aggressive and robust state economic development initiative to establish California as the leader in providing Earth and environment-related information products, services and technologies." This event was sponsored by Northrop Grumman, Raytheon, and SAIC.



2008 ACCOMPLISHMENTS

New Members

The Alliance's growing consortium of private companies, academic institutions and nongovernmental organizations now include new members Johns Hopkins University - Applied Physics Laboratory, and The Planetary Society.

Transition Team Briefings

Presidential Transition Team Meeting—[Blue Industry Group Meeting](#)

December 11, 2008

Nancy Colleton represented the Alliance with a statement on ocean observing in a Presidential Transition Team meeting of Sally Yozell (DOC/NOAA), Sally Ericsson (DOC), as well as representatives of the DOI, USGS, EPA, and White House teams.

Presidential Transition Team Meeting—[Commercial Space and National Security](#)

December 16, 2008

Nancy Colleton represented the Alliance with a statement on aerospace industry considerations in a Presidential Transition Team meeting of Deanna Archuleta (DOI/USGS), Monica Medina (DOC/NOAA), and Sally Yozell (DOC/NOAA).

Presidential Transition Team Meeting—[Space Industry](#)

December 16, 2008

Nancy Colleton moderated and gave a statement on space-based Earth observations in a meeting with Monica Medina (DOC/NOAA) and Sally Yozell (DOC/NOAA) of the Presidential Transition Team and Industry Representatives from Ball Aerospace, Boeing, Harris, ITT Space Systems, Lockheed Martin, Northrop Grumman, and Raytheon.

Presidential Transition Team Meeting—[NASA](#)

January 6, 2009

Nancy Colleton represented the Alliance with a statement on NASA Earth science considerations in a Presidential Transition Team meeting of Lori Garver, Alan Ladwig, and George Whitesides.

Policy Statements

[59th International Astronautical Congress](#)—Several members represented the Alliance at the meeting on September 29-October 3, 2008. At this conference, the Alliance released a statement calling on the Group on Earth Observations (GEO) and the U.S. Group on Earth Observations (USGEO) to actively engage the private sector in the planning and implementation of the Global Earth Observation System of Systems (GEOSS).

Advocacy & Outreach

[Friends of NOAA Letters](#)—The Alliance signed on to a [March 2008 letter](#) to Representatives Mollohan and Frelinghuysen, requesting an appropriation of \$4.5 billion for NOAA in the Fiscal Year 2009 Commerce-Justice-Science Appropriations bill; a [March 2008 letter](#) to Senators Mikulski and Shelby requesting an appropriation of \$4.5 billion for NOAA in the Fiscal Year 2009 Commerce-Justice-Science Appropriations bill; and a [September 2008 letter](#) to Senators Byrd, Cochran, Mikulski and Shelby and Representatives Obey, Lewis, Mollohan, and Frelinghuysen to thank them for their robust funding of NOAA in the Fiscal Year 2009.

[Joint Ocean Commission Initiative](#)—The Alliance was invited to a strategy meeting on October 8, 2008 for pursuing ocean and coastal community priorities during the coming year.

[Alliance Statement of Support for Obama's Selections](#)—The Alliance endorsed President Obama's NOAA Administrator and Presidential Science Advisor choices of Jane Lubchenco and John Holdren, respectively, through a widely-distributed press release.

[Imaging Notes](#)—The Alliance continued its affiliation with ***Imaging Notes*** magazine continues to provide Earth observations-related articles for publication.



2008 ACCOMPLISHMENTS

Briefing to Alliance Members

The following speakers participated in a special briefing for all Alliance members.

April 16, 2008

Jason Hyon, Chief Technologist, Earth Science and Technology Directorate, JPL; and
John Englander, Executive Director, Seakeepers.

July 24, 2008

Jose Achache, Director of GEO Secretariat, Group on Earth Observations

Executive Committee Meetings & Teleconferences

- Jan 31, 2008 Convention Center, Washington, DC
- Feb 20, 2008 DC Convention Center, Washington DC
- Mar 10, 2008 Lockheed Martin, Arlington, VA
- Apr 4, 2008 Teleconference
- Apr 16, 2008 Raytheon, Arlington, VA
- Jun 25, 2008 Northrop Grumman, Arlington, VA
- Jul 24, 2008 Meeting with Jose Achache, GEO Secretariat Director, Old Ebbitt Grill, Washington, DC
- Sep 12, 2008 IGES, Arlington, VA

Products & Resources

Alliance Information E-Blasts—The Alliance sent nearly 170 news e-blasts in 2008 in an effort to keep members apprised of pertinent sector news and developments.

Industry Calendar—The Alliance puts together an industry meetings calendar to keep members apprised of upcoming meetings of interest. Members are asked to submit other meetings not included so that the calendar is comprehensive.

Alliance website—alliance.strategies.org includes all Alliance information as well as a collection of relevant Earth observations and GEOSS materials from other sources.

EO 101—The Alliance produced a six-page primer on what Earth observations are; the past, present, and future of Earth Observations; and the need for further Earth Observations

Quote from California Commission for Economic Development's 2008 Year in Review

Cavallo Point Climate Change Roundtable: The California Roundtable on Improving Environmental Information and Technology to Manage Climate Risk and Opportunity was convened jointly by the **Alliance for Earth Observations** and the California Chamber of Commerce. Lt. Governor John Garamendi chaired the roundtable, which took place at Cavallo Point in Sausalito, Calif. on November 13, 2008. Participants examined the need to create an economic development initiative to establish California as the leader in providing Earth and environmental-related information products, services, and technologies to better respond to climate change. Following the conference, a wiki site was established, enabling participants to share information and continue the dialogue that was started. The wiki site provides an opportunity for public and private sector entities to come together to share knowledge and explore potential solutions for climate change issues that affect the economy.



2008 ACCOMPLISHMENTS

Publications and Media Quotes

[Reuters, December 5, 2008](#) **“Northrop urges Obama: boost climate-change tech”**

“if the United States is to transition to a green economy, ‘we must have the environmental tools and capabilities’ outlined by Sugar.”
- Nancy Colleton

[Popular Mechanics, June 18, 2008](#) **“7 Expert Answers for How Big Business Will Spend Cash in Space”**

“For investments in wind farms to start rolling in, he insisted, venture capitalists will want to know if wind patterns are going to change and render infrastructure useless. “It’s not just a matter of data anymore,” said Nancy Colleton, president of the Institute for Global Environmental Strategies. “It’s a matter of getting actionable information.”

2009 PLANNED ACTIVITIES

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ExComm Meetings, Monthly	▲	▲	▲	△	△	△	△	△	△	△	△	△
Alliance Briefings				△			△			△		
Space News Editorial 3/9			▲									
AAS Panel on EO 3/11			▲									
Antarctic Treaty Reception, 4/7				△								
EO Hill Briefings, Monthly, 4/8				△	△	△	△	△	△	△	△	
ISRSE-33, 5/8					△							
FON Reception, 5/20					△							
Annual Alliance Meeting, 11/16											△	
Alliance-GEO Reception, 11/17											△	
Forum on EO III, 11/17-18											△	

▲ - Completed △ - Planned