

7th Annual
ARE DAY
2010

August 19 - 22, 2010
Aspen, Colorado

*Creating a New Clean Energy Economy
at Speed and Scale*

“There is a mysterious cycle in human events. To some generations much is given. Of other generations much is expected. This generation of Americans has a rendezvous with destiny.”

- Franklin D. Roosevelt



Since 2004 bringing leaders and educators together to promote the rapid implementation of renewable energy and energy efficient strategies as practical solutions to the climate crisis through presentation, demonstration, performance, film and dialogue.

Creating a New Clean Energy Economy at Speed and Scale

WELCOME to the 7th annual American Renewable Energy Day Summit and Expo 2010, "Creating a New, Clean Energy Economy at Speed and Scale."

The question has changed.

It is no longer "Is human activity the cause of climate change?" But rather, "How much time do we have to limit the damage?" The case for action is clear. Yet leadership and undaunted political courage to create a comprehensive road map, charting the course of how to get from here to there still evades us in America. Nevertheless, just because climate and energy legislation is paralyzed, doesn't mean we are.

This year's AREDAY is a clarion call.

It is a call for collaborative action, sharing innovative ideas, implementing disruptive, breakthrough technologies, gathering cross-sector wisdom and experience, and garnering non-partisan resolve to propel this country into a vigorous, new clean energy economy. This must be accomplished at the speed and scale necessary to overcome the barriers to a safe, secure energy and climate future, taking us out of the cross-hairs of planet devastating climate change.

We can do this! Almost every problem that puts us face-to-face with the "inconvenient truth" of science, has a solution.

Humanity only uses 16 terawatts of electricity annually. Solar, wind, and geothermal *alone* are abundant enough on the planet to provide many thousands more terawatts than needed. Ground-breaking technological developments are available and can be implemented now at a scale that will solve the problem and create millions of jobs. Cities and states are taking bold leaps in the absence of national energy and climate policy. Energy independence *is* national security, and does not have to be at the expense of America's natural heritage legacy if efficiency measures are aggressive and fearless.

Exciting, fresh thoughts are emerging about how to re-frame the issues in order to grow climate and energy literacy in the popular culture. Refreshed and reinforced, political will can become a durable, informed platform from which to take action. It is our moral imperative and collective responsibility to all future generations to take action now, and to confront catastrophic issues like the Gulf oil spill to make certain it never happens again.

The time is now. The place is here. The stakeholders are each and every one us. We must exponentially move from competition to collaboration in order to implement the climate change solutions we have at hand *now*.

We extend our sincere gratitude to our sponsors for your generous support. A special acknowledgement goes to AREDAY's distinguished speakers and presenters for making the effort to be here in order to share their expertise and perspectives.

Thank you to all AREDAY participants for your commitment to work together for a healthy planet and a sustainable future.



Chip Comins
AREDAY Director



Sally A. Ranney
AREDAY Co-Director





Thursday, August 19 *Putting Carbon in Context*

HOTEL JEROME

8:00 AM	Continental Breakfast	2:15 PM	Keynote Remarks James D. Marston <i>Environmental Defense Fund</i>
8:30 AM	Opening Prayer Chief Arvol Looking Horse	2:30 PM	Keynote Remarks Carol Battershell <i>Department of Energy</i>
8:45 AM	AREDAY 2010 Welcome Chip Comins <i>AREDAY Director</i> Sally Ranney <i>AREDAY Co-Director</i>	2:45 PM	Break
9:00 AM	Keynote Remarks: Putting Carbon in Context - A National Perspective David Orr PhD <i>Oberlin College</i>	3:00 PM	Colorado Leading the Way Introduction by Michael Bowman 25x'25 Moderator: Gail Schwartz <i>Colorado State Senator</i> Nathan Ratledge <i>Community Office for Resource Efficiency (CORE)</i> Del Worley <i>Holy Cross Energy</i> Joani Matranga <i>Governor's Energy Office</i> David Hornbacher <i>Deputy Director Utilities and Renewable Energy City of Aspen</i>
9:15 AM	National Security and Climate Change Introduction by Stacy Bare <i>Veterans Green Jobs</i> Moderator: David Orr PhD <i>Oberlin College</i> Christine Todd Whitman <i>American Security Project</i> Colonel Mark "Puck" Mykleby <i>US Marine Corps; Assist. Chairman Joint Chiefs of Staff</i>	3:45 PM	Political Will and Climate Change Action Moderator: Larry Schweiger <i>National Wildlife Federation</i> Gene Karpinski <i>League of Conservation Voters</i> Phil Radford <i>Greenpeace</i> Matt Petersen <i>Global Green USA</i> Daniel Kreeger <i>Association of Climate Change Officers (ACCO)</i>
10:00 AM	Putting Carbon in Context – A View From the Ground Up Wes Jackson PhD <i>The Land Institute</i>		
10:30 AM	Break		
10:45 AM	Food Security and Climate Change Moderator: Brook Le Van <i>Sustainable Settings</i> Wes Jackson PhD <i>The Land Institute</i> Woody Tasch <i>Slow Money</i>	4:30 PM	Keynote Remarks Michael Bennet <i>United States Senator, Colorado</i>
11:30 AM	Putting Carbon in Context – Fire and Ice Moderator: Chip Comins <i>AREDAY Director</i> Rick Heede <i>Climate Mitigation Services</i> Julienne Stroeve PhD <i>National Snow & Ice Data Center</i>	4:45 PM	Politics of Climate Change – The Road to Cancun Moderator: Aimee Christensen <i>Christensen Global</i> Bracken Hendricks <i>Center for American Progress</i> Reid Detchon <i>United Nations Foundation</i> Michael Bennet <i>United States Senator, Colorado</i> Carol Battershell <i>Department of Energy</i>
12:15 PM	Get Box Lunches	5:45 PM	Recommendations to the President Bill Becker <i>Presidential Climate Action Project</i>
12:45 PM	Luncheon Keynote Lester Brown <i>Earth Policy Institute</i>	6:00 PM	Opening Reception Hotel Jerome - Century Room (Cash Bar) Dinner on your own
1:30 PM	The Carbon War Room and Gigaton Prize Sunil Paul <i>Gigaton Prize</i> Peter Boyd <i>Carbon War Room</i>	8:00 PM	Evening Event: Film Screening <i>Into The Cold</i> , Hotel Jerome Ballroom Introductory remarks and commentary by Director Sebastian Copeland
2:00 PM	Investing in Energy Independence Reed Hundt <i>Coalition for Green Capital</i>		

Creating a New Clean Energy Economy at Speed and Scale

Friday, August 20 Oil, Water, Energy and Climate

HOTEL JEROME

7:30 AM	Continental Breakfast	1:45 PM	Blue Planet — Oil Spills and Ocean Systems at Risk Moderator: Louie Psihoyos <i>The Cove</i> ; <i>Ocean Preservation Society (OPS)</i> Tom Strickland <i>Assistant Secretary of the Department of the Interior</i> Dr. Sylvia Earle <i>National Geographic Explorer-in-Residence</i> Phil Radford <i>Greenpeace</i> Dr. Carl Safina PhD <i>Blue Ocean Institute</i>
8:00 AM	Opening Prayer Chief Arvol Looking Horse		
8:15 AM	Opening Remarks Chip Comins <i>AREDAY Director</i> Sally Ranney <i>AREDAY Co-Director</i>		
8:30 AM	Armchair Conversation – ‘Reinventing Fire’ and ‘Off To The Races’ Amory Lovins <i>Rocky Mountain Institute</i> Thomas Friedman <i>New York Times</i>	2:45 PM	Lungs of the Planet – Carbon Sinks & The World’s Forests Moderator: Sally Cox <i>Bonobo Conservation Initiative</i> Jan Hartke <i>Clinton Climate Initiative</i> Warren Evans <i>The World Bank Environment Dept.</i> Michael Hurley <i>Bonobo Conservation Initiative</i> Jan McAlpine <i>United Nations Forum on Forests</i>
9:15 AM	Making the Transition One Generation at a Time — From Fossil Fuels to Renewables Jim Calaway <i>The Aspen Institute</i> James Calaway <i>Orocobre Limited</i> John Calaway <i>Pattern Energy</i>	3:45 PM	Collaboration – The Green Bridge to China Moderator: Chip Comins <i>AREDAY Director</i> Darrin Magee <i>Hobart & William Smith Colleges</i> Daniel Foa <i>Club of Beijing 51sim.org</i> Dr. Kristina M. Johnson PhD <i>Under Secretary of Energy U.S. Dept. of Energy</i>
10:00 AM	Break	4:45 PM	Dinner on your own
10:15 AM	CO2, Cities and the Built Environment Introduction by Martin Chavez <i>ICLEI - Local Governments for Sustainability</i> Moderator: David Orr PhD <i>Oberlin College</i> Jonathan Naimon <i>Light Green Advisors</i> Jonathan Parfrey <i>Green LA Institute</i> Bill Becker <i>Presidential Climate Action Project</i>	5:30 PM	Shuttles Every 15 minutes until 6:15 PM from the Hotel Jerome to private home (for ticketed attendees only)
11:15 AM	Keynote Address General Wesley Clark <i>Growth Energy</i>	6:00 PM	Bonobo Conservation Initiative (BCI) and AREDAY Benefit (Heavy hors d’oeuvres) Special guest Ted Turner Tickets available for purchase on AREDAY.net
11:45 AM	Get Box Lunches		
12:15 PM	Luncheon Keynote: The Psychology and Language of Climate Change Luncheon Keynote: George Lakoff <i>UC Berkley</i>	7:30 PM	Shuttles Every 15 minutes until 8:30 PM from the Benefit to Hotel Jerome
12:45 PM	Keynote Address Larry Schweiger <i>National Wildlife Federation</i>	8:00 PM	Evening Event: Film Screening Oscar-winning documentary <i>The Cove</i> Hotel Jerome Ballroom Introductory remarks and commentary by Director Louie Psihoyos and Associate Producer Charles Hambleton
1:15 PM	Keynote Address: Linking the Oil Spill, Energy Policy and Climate Change Tom Strickland <i>Assistant Secretary of the Department of the Interior</i>		



Saturday, August 21 *The New Clean Energy Economy*

HOTEL JEROME

7:30 AM	Continental Breakfast	12:30 PM	Luncheon Remarks followed by Armchair Conversation Introduction by Mick Ireland <i>Mayor of Aspen</i> Moderator: Patrick McConathy <i>Yarmony Energy</i> Bill Ritter <i>Governor of Colorado</i> Bill Richardson <i>Governor of New Mexico</i>
8:00 AM	Opening Prayer Chief Arvol Looking Horse		
8:15 AM	Opening Remarks Chip Comins <i>AREDAY Director</i> Sally Ranney <i>AREDAY Co-Director</i>	1:15 PM	Break
8:30 AM	Keynote Address Dr. Kristina M. Johnson PhD <i>Under Secretary of the Department of Energy</i>	1:30 PM	Keynote Remarks Michael Eckhart <i>American Council on Renewable Energy (ACORE)</i>
9:00 AM	The Grid, Transmission, and Feed-In-Tariffs Moderator: Larry Flowers <i>Wind Powering America - National Renewable Energy Lab (NREL)</i> Craig Lewis <i>FIT Coalition</i> Bob Gough <i>Native Wind</i> Ron Lehr <i>American Wind Energy Association (AWEA)</i>	1:45 PM	Renewable Energy Innovation and Finance Moderator: Christiana Wyly <i>Satori Capital</i> Joel Serface <i>Colorado Cleantech Industry Association</i> Rod Eckhardt <i>Round Rock Partners</i> Robert MacDonald <i>Craton Equity Partner</i> Michael Haas <i>Orion Energy Group</i>
9:45 AM	Break	2:45 PM	Energy Futures – Is Nuclear Renewable? Moderator: Tom Blees <i>Science Council for Global Initiatives</i> Yoon Chang (Ret.) <i>Argonne National Laboratory</i> Amory Lovins <i>Rocky Mountain Institute</i> Eric Loewen PhD <i>GE Hitachi Nuclear Energy</i>
10:00 AM	Putting Wealth to Work in the New Clean Energy Economy Moderator: Sally Ranney <i>AREDAY Co-Director; A Matter of Degree Media</i> Ted Turner <i>Turner Enterprises Inc.; Southern Turner Renewable Energy Co.</i> Michael Polsky <i>Invenergy</i> Sam Wyly <i>Green Mountain Energy</i> T. Boone Pickens <i>BP Capital</i> James Cameron <i>Director & Producer</i>	3:30 PM	Break
11:00 AM	Disruptive, Breakthrough Renewable Energy Technologies Moderator: David Hiller <i>Colorado Renewable Energy Collaboratory</i> Dr. M. Karen Newell, PhD <i>Viral Genetics, TAMHSC</i> Alex Major <i>Green Flight Foundation</i> Eddie Sturman <i>Sturman Industries</i> Sal Scuderi <i>The Scuderi Group</i>	3:45 PM	Energy Futures – Solar Moderator: Rhone Resch <i>Solar Energy Industries Association (SEIA)</i> Johnny Weiss <i>Solar Energy International</i> Neville Williams <i>Standard Solar</i> John Woolard <i>BrightSource Energy</i>
12:00 PM	Get Box Lunch	4:30 PM	Energy Futures – Wind Moderator: Larry Flowers <i>Wind Powering America - National Renewable Energy Lab (NREL)</i> Ron Lehr <i>American Wind Energy Association (AWEA)</i> Jim Walker <i>enXco</i> Robert Thresher <i>National Renewable Energy Lab (NREL)</i>

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Creating a New Clean Energy Economy at Speed and Scale

Saturday, August 21 *The New Clean Energy Economy (continued)* **HOTEL JEROME**

5:15 PM **Dinner on your own**

8:45 PM **Intermission**

6:30 PM **Shuttles**
Every 15 minutes until 7:15 PM from the Hotel Jerome to Paepcke Auditorium, The Aspen Meadows

9:00 PM **Evening Event: Film Screening**
Climate Refugees in honor of the late Dr. Stephen Schneider PhD
Paepcke Auditorium, Aspen Meadows

7:30 PM **Evening Event: Armchair Conversation with Ted Turner and T. Boone Pickens**
Paepcke Auditorium, The Aspen Meadows
Introductions by Sally Ranney *AREDAY Co-Director*
Moderator: Thomas Friedman *New York Times*

10:30 PM **Discussion To Follow Film**
Governor Bill Ritter *Governor of Colorado*
Lester Brown *Earth Policy Institute*
Michael Nash *Climate Refugees*
Dr. Noel Brown PhD *Friends of the United Nations*
Pat McConathy *Yarmony Energy*

8:30 PM **Presentation of the AREDAY Green Leadership Award**
Recipient: Ted Turner

OF SPECIAL NOTE:

 Book signings by authors will be held in the Antler Room hallway during breaks throughout the Summit.

 AREDAY and New Eye Media are recording the entire 2010 Summit for distribution on PBS Stations throughout the nation.

 Live web streaming of the event will be available at www.areday.net.

 C-SPAN will be taping selected sessions on Saturday for delayed broadcast.

 Aaron Harber: Colorado PBS, Comcast and USA Talk Network, will be taping selected sessions and conducting interviews.

 All press conference, interview and other media or media room inquiries should be directed to AREDAY Media Coordinator, Sue Winters, sue@sageturtledesign.com. 928-301-5651

AREDAY Film Festival

Wednesday August 18th
District Theater at Aspen High School
10:00AM - 8:00PM

FREE

Leading edge renewable energy and solution based films encouraging bold action NOW to solve catastrophic climate change.

Films Include:

Native Wind Powering America
What One Man Can Do: John Denver's Legacy
Nobody's Home: Sopris Foundation
Beyond Oil: Sierra Club
Honor The Earth: Winona LaDuke
Incantations: Alison Teal
Dirt!: The Movie
So Right So Smart: Ray Anderson
Last Hat in Town: Oil & Gas in the New West
Carbon Nation: Peter Byck

Special Thanks:

Joanie Klar and David Bruce
AREDAY Film Festival Co-Producers
Integrated Sustainable Solutions Foundation



Sunday, August 22 Collaboration, Messaging, Solutions, Climate Literacy

PAEPCKE AUDITORIUM, THE ASPEN MEADOWS

8:00 AM Continental Breakfast

8:30 AM Opening Prayer
Chief Arvol Looking Horse

8:40 AM Opening Remarks
Chip Comins *AREDAY Director*
Sally Ranney *AREDAY Co-Director*

8:45 AM Keynote Remarks
Gloria Reuben *Actress, Alliance for Climate Protection*

9:00 AM Women Powering Solutions
Moderator: Christiana Wyly *Satori Capital*
Jayni Chase *Founder of the Center on Environmental Education (CEE)*
Osprey Orielle Lake *Women's Climate Leadership Caucus*
Maria Snyder *Eco Boys and Girls*
Sally Ranney *Co-Director AREDAY*
CEO Stillwater Preservation, LLC

10:00 AM New Media and Messaging
Moderator: Richard Greene *Home Tree Radio*
James Cameron *Director & Producer*
Michael Penwarden *Matter Network*
Monica Ord *Viral Genetics*
Harvey Wasserman *Solartopia*
Peter Byck *Carbon Nation*
With a 5 minute screening of Carbon Nation

11:00 AM Solartopia Pete Seeger Music Video

11:10 AM Keynote Remarks: Solutions From The Next Generation
Alec Loorz *Kids Vs. Global Warming, iMatter Campaign*

11:30 AM Break

11:45 AM AREDAY Climate & Energy Literacy Initiative (ACELI)
Moderator: Mark McCaffrey *Cooperative Institute for Research in Environmental Sciences (CIRES)*
Pic Walker *Alliance for Climate Education (ACE)*
Chip Comins *Director AREDAY*
Sally Ranney *Co-Director AREDAY*
Alec Loorz *Kids Vs. Global Warming, iMatter Project*

12:30 PM Presentation of The ACELI AWARD
Recipient: Milena van der Veen

12:45 PM Presentation by James Cameron and screening of Special Director's Environmental Cut of AVATAR

2:00 PM Competition to Collaboration – The Path Forward
Peter Boyd *Carbon War Room*
Chip Comins *Director AREDAY*
Sally Ranney *Co-Director AREDAY*
Michael Eckhart *American Council On Renewable Energy (ACORE)*

2:30 PM Closing Remarks
Participants invited to attend AREDAY Renewable Energy EXPO!

SUNDAY AFTERNOON PROGRAM COOPER STREET MALL, DOWNTOWN ASPEN

12:00 PM - 5:00 PM

Renewable Energy EXPO!
Free to the Public
Displays, Booths, Music, Demonstrations



Guest Speakers

Brian Schweitzer *Governor of Montana (invited)*
John Hickenlooper *Mayor of Denver (invited)*
Cooper Street Mall EXPO! Stage



Music

Leadwood with Michael Jude, John Michel, Jaden Carlson (9-year-old Blues whiz kid) and other special guests



Demonstrations

City of Aspen's "Solar Roller," the newest model of electric cars and scooters, NREL's Energy Station, SunSense, Rocky Mountain Institute and Solar Energy International

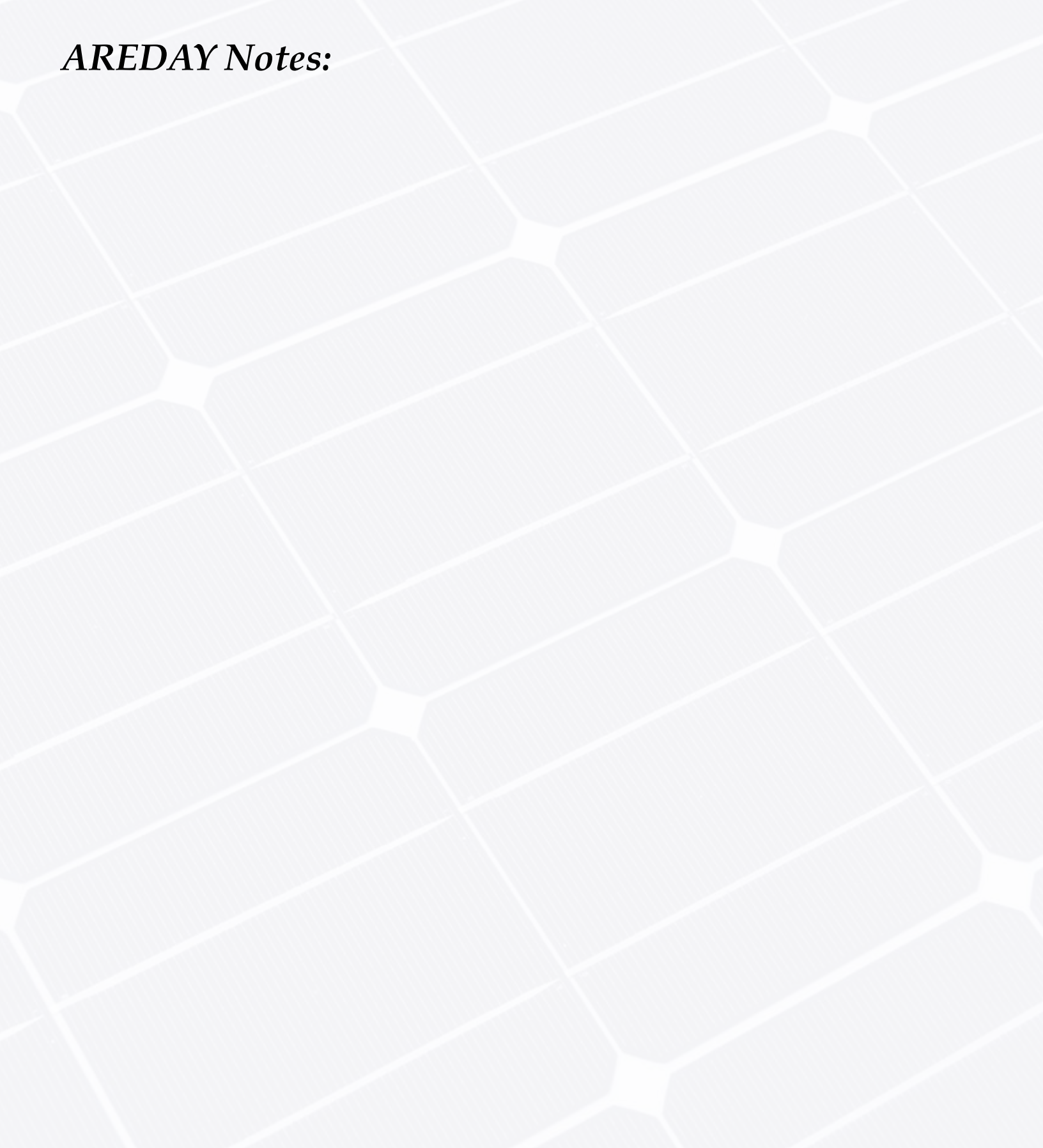
SPECIAL EVENT

5:30 PM AREDAY Climate Change Debate: Reality or Fiction?
Paepcke Auditorium, The Aspen Meadows
Free to the Public
(Please refer to Program Addendum)



Creating a New Clean Energy Economy at Speed and Scale

AREDAY Notes:



The background of the page features a light gray background with a white geometric pattern of interconnected hexagons, resembling a solar panel or a honeycomb structure.



Stacy Bare

Director of National Programs for Veterans Green Jobs, joined the Veterans Green Jobs team in 2009. He received his commission into the U.S. Army in 2000 and served as an intelligence officer for four years before leaving active duty to take a position as an explosives ordinance technician in Angola and the Republic of Georgia. In early 2006, he received a recall from the United States Army and spent 2006-2007 as a Civil Affairs Team Leader in Baghdad, Iraq, receiving a Bronze Star for meritorious service. Following his tour in Baghdad, Stacy attended the University of Pennsylvania where he received his Masters in City Planning and Urban Design. He is now a sustainability and non-profit consultant for organizations working on veteran and environmental issues.



Carol Battershell

Acting Executive Director for Field Operations in the Office of Energy Efficiency and Renewable Energy at the U.S. Department of Energy in Golden, is responsible for all EERE field operations, leadership of the Golden, Colorado office with over 400 staff and for contracts and monitoring of nearly \$7 billion in 2010 of clean energy grants. Prior to her appointment, Carol served as Vice President of Policy and Strategy for British Petroleum Alternative Energy, where she developed an \$8 billion investment to launch and grow a new alternative energy division. As BP's Vice President of Renewables and Alternative Fuels, she directed BP's global activities in hydrogen and wind, as well as managed BP's "green energy" marketing and consulting company. She has a B.S. in Engineering from Purdue University and an MBA from Case Western Reserve University.



Bill Becker

Executive Director of the Presidential Climate Action Project (PCAP), is a leader on climate change solutions. PCAP, an initiative at Natural Capitalism Solutions, works to identify ways the Obama Administration can develop national energy and climate policy. Bill served as a senior official at the U.S. Department of Energy for 15 years where he founded the DOE's Center of Excellence for Sustainable Development. Becker has helped communities implement sustainable development principles, including New Orleans after Hurricane Katrina and the government of Thailand after the tsunami. He led a team of U.S. experts that helped "green" the Olympic Village at the 2008 Olympic Games in Beijing. A former journalist, Becker began his career at 19 as an Army war correspondent in South Vietnam. His most recent book is *The 100 Day Action Plan to Save the Planet*.



Michael Bennet

U.S. Senator for Colorado, is a dedicated public servant who has been a champion of Colorado's new energy economy. He has supported historic investments in clean energy including wind, solar and biofuels as well as an aggressive national renewable energy standard that will create jobs and help break the U.S. reliance on foreign oil. He is a member of the Senate committees on Agriculture, Nutrition and Forestry; Health, Education, Labor and Pensions (HELP); Banking, Housing and Urban Affairs; and Aging. Before serving in the Senate, Michael was superintendent of the Denver Public Schools and chief of staff for Denver Mayor John Hickenlooper. Michael served as Managing Director at the Anschutz Investment Company, and managed the restructuring of over \$3 billion in corporate debt. Michael is married to Susan Daggett, a natural resources lawyer, and they are proud parents of three daughters.



Tom Blees

President of the Science Council for Global Initiatives (SCGI), is the author of *Prescription for the Planet - The Painless Remedy for Our Energy & Environmental Crises*. Many of the goals of SCGI, and the methods to achieve them, are elucidated in the pages of Blees's book. He is a member of the selection committee for the Global Energy Prize, considered Russia's equivalent of the Nobel Prize for energy research. His work has generated considerable interest among scientists and political figures around the world. Tom has been a consultant and advisor on energy technologies on the local, state, national, and international levels.



Mike Bowman

National Steering Committee Member for "25x'25", is a fifth-generation native of Colorado. He is a founding member of the Sustainable Biodiesel Alliance, served as a board member of the Colorado Conservation Voters, chaired Colorado's New Energy Future in 2006 and was co-chair of Governor-elect Bill Ritter's energy transition team. He served as a steering committee member for Colorado's Climate Action Plan where he focused on the opportunities for agriculture and Colorado's rural communities in a low-carbon future. Michael is a graduate of the Colorado Agriculture and Rural Leadership program, was a Next Generation Fellow in Columbia University's *American Assembly* and a 2008 recipient of Gamma Sigma Delta's *Significant Achievement in Agricultural Award* by Colorado State University. He is a candidate for the Colorado State Senate District 1, the largest geographical district in the state.



Peter Boyd

Director of Operations at the Carbon War Room, served as Launch Project Director since February 2009. Now in Washington D.C., Peter spent two years as CEO of Virgin Mobile South Africa, leading the first and only Virtual Mobile Operator on the African continent, tripling its size over the period. Prior to that, he was VP of Marketing for Virgin Mobile USA in New York, leading the launch of the inaugural Virgin Festival USA and its pro-social initiative, while the company grew from half a million to five million customers. This followed various managerial and marketing roles in the Virgin Group in London. Peter started his career at McKinsey & Company, working in London, India and South Africa, after graduating from Oxford University with BA Honors in Philosophy, Politics & Economics.



Lester Brown

President and Founder of the Earth Policy Institute, has been described by the Washington Post as "one of the world's most influential thinkers." The World Watch Institute, which he founded in 1974, was the first research institute devoted to the analysis of global environmental issues. The Earth Policy Institute, founded in 2001, provides a vision and a road map for achieving an environmentally sustainable economy. He is an author and co-author of over 50 books, the most recent of which is *Plan B 4.0: Mobilizing to Save Civilization*. He is the recipient of numerous recognitions, including 23 honorary degrees, a MacArthur Fellowship, the 1987 United Nations' Environment Prize, and was appointed an honorary professor of the Chinese Academy of Sciences.



Dr. Noel Brown PhD

President of Friends of the United Nations, previously served as Director of

the United Nations Environment Program (UNEP), North American Regional Office. Dr. Brown serves as Chairman of the International Institute for Peace Through Tourism and the Rene Dubos Center for Human Environments. He is a founding member of the Aspen Global Change Institute and the International Council for Local Environment Issues. He serves on the Board of Directors of the Global Rivers Environmental Educational Network, the Climate Institute, the Earth Communications Office, the Rainforest Alliance and others. He holds a B.A. from Seattle University, an M.A. in International Law and Organization from Georgetown University, and Ph.D. in International Law and Relations from Yale University. He has been honored with numerous awards including the 1998 World Academy of Arts and Science for Distinguished Public Service.



Peter Byck

Director and Producer of *Carbon Nation*, a climate change solutions movie (that doesn't even care if you believe in climate change), has presented *Carbon Nation* for CERES, Google, Walmart.com, White House CEQ, Metcalf Institute, University of Rhode Island, Prince Charles' B.E.P.

program, Cambridge University, Nike, R.I.S.D., and Conservation International. Peter has over 20 years experience as a director and editor. His first documentary, *Garbage*, won the South by Southwest Film Festival, screened in scores of festivals and played at the Museum of Modern Art and Lincoln Center. He has edited documentaries for Peter Jackson's *Lord of the Rings*, *King Kong*, and documentaries as well as promotional shorts for Warner Bros., Universal Pictures, 20th Century Fox, MTV, Vh1, BBC, Disney and MGM. Peter has a Bachelor of Fine Arts from California Institute of the Arts.



James D. Calaway

President and CEO of Calaway Interests, LLC, is a successful entrepreneur who

has played an instrumental role in the development of a variety of private and public companies. In May 2005, Calaway retired as founding CEO of the Center for Houston's Future, to form Calaway Interests. Some of the companies he has helped develop include Network International, Inc., DigiContract, Inc. (acquired by DataCert), C-Sixty, Inc., Edge Petroleum Corp., Forefront Group, Inc., and Space Industries International, Inc. He currently serves as Chairman of the Board of DataCert Inc.; Chairman of the Board of Open Spirit Corporation; Chairman of the Board of Austin-based, We Are Teacher LLC; Chairman of the Board of Orocobre Limited, an Australian public company engaged in the development of Lithium resources in Latin America; and on the Board of Directors of Network International, Inc.



Jim Calaway

Chairman of the Board of the Lifetime Trustees at The Aspen Institute, is

a philanthropist-businessman who resides in Carbondale, Colorado. He served as the Chair of the Aspen Institute's Society of Fellows before he became a trustee in 1997. In 2000, he was selected as an Honorary Trustee, and was later appointed to the Council of Honorary Trustees after its creation this year. Mr. Calaway was in the oil and gas exploration business for over 40 years and retired as Chairman of Edge

Petroleum in the late 1980s. He now partners with his son in building wind farms in several states to generate renewable energy. In addition, since his retirement, Mr. Calaway has set his sights on philanthropy and fundraising for civic groups and non-profit organizations, having served as a regent of the University of Corpus Christi, a trustee of Antioch College, and a board member of the Colorado Mountain College Foundation.



John Calaway

Chief Development Officer at Pattern Energy and Founder of Superior Wind, oversees the identification, origination and

development of Pattern's wind energy projects. He has pioneered the use of 3D imaging for prospecting and the use of radar and other technologies for reducing the environmental impact of wind projects. Before forming Pattern, he was Chief Development Officer at Babcock & Brown's North American Infrastructure Group. John has nine years of wind development experience and 32 years of energy prospect origination and development experience. He started his career by selling his first energy prospect at the age of 19. Since then, he has also founded, served as CEO, and successfully grown two energy development companies: Edge Petroleum, which was a NASDAQ-listed public company, and Superior Renewable Energy, which was acquired by Babcock & Brown.



James Cameron

Film director, producer, screenwriter, editor, and inventor, has to his credit writing

and directing that includes *Piranha II: The Spawning* (1981), *The Terminator* (1984), *Aliens* (1986), *The Abyss* (1989), *Terminator 2: Judgment Day* (1991), *True Lies* (1994), *Titanic* (1997), and *Avatar* (2009).

In the time between making *Titanic* and his return to feature films with *Avatar*, Cameron spent some years creating documentary films, and also co-developing the digital 3-D Fusion Camera System. Described by a biographer as part-scientist and part-artist, Cameron has also contributed to underwater filming and remote vehicle technologies. Without adjusting for inflation, Cameron's *Titanic* and *Avatar* are the two highest-grossing films of all time. *Avatar* is intended to be a reminder that mankind has a responsibility for stewardship of the earth and its resources.



Suzy Amis Cameron

Model, actress and founder of MUSE Elementary, first worked as a Ford model

before she began acting in the 1980s. She made her feature film debut in the 1985 comedy film *Fandango*, opposite Kevin Costner. Amis later appeared in *Blown Away* (1994), *The Usual Suspects* (1995) and the blockbuster *Titanic* in which she played Lizzy Calvert, the granddaughter of Rose DeWitt Bukater (Gloria Stuart). That same year she starred opposite Tom Selleck in the western *Last Stand at Sabre River*. Amis left acting after her last screen appearance in the 1999 film, *Judgment Day*. In 2005, Amis founded MUSE Elementary, a Reggio-inspired, independent, non-profit school in the Topanga, California area of Los Angeles serving the need for progressive and individualized education touching lives as deeply as possible, both locally and globally. It's core philosophy is "encouraging ecological appreciation with ongoing action as a way of life."



Yoon Chang

Senior Fellow, Argonne National Laboratory; Chair of the International Atomic Energy Agency (IAEA), is an Argonne

Distinguished Fellow Emeritus. At Argonne, he has been responsible for leadership of advanced reactor design and fuel cycle technology development activities. He served as Director of the Large Pool Plant Project, General Manager of the Integral Fast Reactor Program, Associate Laboratory Director for Engineering Research, and Interim Laboratory Director. His current technical interest is in developing pyro-processing for the LWR spent fuel application. In recognition of his technical analyses, decisions and leadership of all aspects of the IFR program, he was awarded the U.S. Department of Energy's E.O. Lawrence Award. He is a Fellow of the American Nuclear Society.



Jayni Chase

Founder of The Center for Environmental Education (CEE), has developed CEE

into one of the strongest outreach programs for educators world-wide. Chase founded CEE in 1988 at Unity College in Unity, Maine to provide K-12 teachers and students the resources necessary to build strong environmental education across the nation. In 1995, Scholastic published Jayni's book, *Blueprint for a Green School*. Jayni has served on numerous Boards, including, Friends of the Earth, the Antioch New England Institute, Mothers & Others for a Livable Planet, Global Green USA, Californians Against Waste and The Coalition for Clean Air. Her awards include recognition from the National Resources Defense Council, The Environmental Media Association, the Crittenton Center, Women For the Rainforest Alliance, the U.S. Environmental Film Festival and she shared the Celebrity Fight Night Humanitarian Award of 2005 with husband, Chevy Chase.



Martin Chavez

Executive Director of ICLEI-Local Governments for Sustainability USA,

directs ICLEI's efforts to empower cities, towns and communities with the resources necessary to become more sustainable. Chavez served three, four-year terms as mayor of Albuquerque, NM (1993, 2001, 2005) and was hailed as one of the nation's "greenest" mayors, receiving much recognition including the first place EPA Climate Protection award. Chavez served as a member of the ICLEI USA Board of Directors and of the worldwide ICLEI Executive Committee. He was a U.S. Conference of Mayors (USCM) Trustee, chaired the Urban Water Council, and was co-chair of USCM's Climate Change Task Force. Chavez served as an advisor to *Newsweek Magazine* on green initiatives and most recently was invited to speak at the World Mayor's Climate Conference in Germany.



Aimee Christensen

Founder and CEO of Christensen Global Strategies, advises clients seeking to

address the global challenges of climate change, ecosystem degradation, and resource scarcity, and their impacts on conflict and development. Her clients are wide-ranging, including governments, non-profits, corporations, investors, and emerging technology companies. They have included the Clinton Global Initiative, Duke Energy, the Elders, the Global Observatory, Ogilvy, the Rockefeller Brothers Fund, Swiss Re, the United Nations Development Program, the U.S. Department of Energy, Virgin Unite, and Wolfensohn+Co. She advises clients on

corporate and philanthropic strategy, policy and legislative issues, specific transactions, green economic development programs as well as drafted congressional testimony.



General Wesley K. Clark

Co-Chair of Growth Energy, is former

NATO Supreme Allied Commander and presently serves as Chairman and CEO of Wesley K. Clark & Associates. He is Chairman of Rodman & Renshaw, Chairman of Emergya Wind Technologies Americas, member of the Clinton Global Initiative's Energy & Climate Change Advisory Board, and is a member of ACORE's Advisory Board. Author of three books including the best seller *Waging Modern War: Bosnia, Kosovo and the Future of Combat*. In 2003, Clark was a Democratic candidate for President of the United States. Graduating first in his class at West Point; he was a Rhodes Scholar at Oxford University. Awards include the Presidential Medal of Freedom, Defense Distinguished Service Medal (five awards), silver star, bronze star, purple heart, honorary knighthoods from the British and Dutch governments, and others.



Chip Comins

Founder, producer and director of AREDAY—American Renewable

Energy Day, the annual conference/summit in Aspen, Colorado. As President of American Spirit Productions his programming is broadcast nationally and internationally. The Public Service Announcement "Native Wind Powering America" that debuted at the Clinton Global Initiative is distributed globally on multiple platforms. He is the national producer of Clean Energy Week a Washington D.C. based national coalition advocating clean energy policy and legislation. He produced 13 side events at the UNFCCC - COP 15 in Copenhagen in 2009 and is among the first 1000 graduates of Al Gore's Climate Project. He is a strong advocate for free market solutions to the carbon crisis and continues to work towards a clean energy future.



Sebastian Copeland

Director, *Into the Cold*, is an environmental

advocate, photographer and polar traveler. *Into the Cold: A Journey Into the Soul* (2010) follows Copeland on a 400-mile expedition on foot, to the North Pole in sub-zero temperatures, to commemorate the Centennial. The resulting film delves into the depth of the soul against the backdrop of the magnificent Great North, and exposes one poignant message: if the Great North goes, so does humanity. Considered by experts as the toughest in the world, seventy percent of North Pole expeditions are met with failure. Recently, he completed the 2300 kilometers crossing of Greenland and will endeavor to cross Antarctica in November possibly shadowed by IMAX. Copeland is on the Board of Directors of Global Green USA. His foundation, SEDNA, is focused on advocacy from the front lines of climate change.



Sally Cox

President and Founder of the Bonobo Conservation Initiative (BCI), is known

by the people of the Democratic Republic of the Congo as “Mama Bonobo.” She has done more than anyone to unite, motivate and empower the Congolese government, NGOs and communities

to protect bonobos and the rainforests where they live. She works tirelessly overseeing surveys and conservation efforts, which has resulted in agreements to protect over 12,000 square miles of Congo’s rainforests that are key to the survival of bonobos and our planet. She has spoken widely about bonobo conservation and the importance of traditional knowledge. Her work has been instrumental in raising awareness about bonobos throughout the world. Prior to dedicating her life to bonobo conservation, she worked as a writer for National Geographic Society. She is a Phi Beta Kappa graduate in psychology from Williams College.



Reid Detchon

Vice President of Energy and Climate at the United Nations Foundation,

serves as executive director of the Energy Future Coalition, a non-partisan public policy initiative. From 1999-2001, Mr. Detchon served as director of special projects in Washington, D.C., for the

Turner Foundation and prior to this, spent six years as a principal at Podesta Associates, a government relations and public affairs firm. From 1989 to 1993, Mr. Detchon served as principal Deputy Assistant Secretary for Conservation and Renewable Energy at the U.S. Department of Energy. He was principal speechwriter for Vice President George H. W. Bush and worked for five years in the U.S. Senate, advising Senator John Danforth of Missouri on energy and environmental issues and serving as his legislative director. He is a graduate of Yale University.



Dr. Sylvia Earle

Explorer-in-Residence, National Geographic Society, is an oceanographer, author,

and lecturer with experience as a field research scientist. Dr. Earle serves as executive director for corporate and nonprofit organizations, including the Aspen Institute, the Conservation Fund, American

Rivers, Mote Marine Laboratory, Duke University Marine Laboratory, Rutgers Institute for Marine Science, Woods Hole Oceanographic Institution, National Marine Sanctuary Foundation, and Ocean Conservancy. Former chief scientist of NOAA, Dr. Earle founded the Mission Blue Foundation and was chair of the Advisory Council for the Harte Research Institute for Gulf of Mexico Studies. She has authored many books on the ocean, written over 150 publications, lectured in over 60 countries, and appeared in hundreds of television productions. Her research concerns marine ecosystems and exploration and the development of new technologies to access the deep sea.



Michael Eckhart

Founding President of American Council On Renewable Energy (ACORE), a

Washington D.C. based nonprofit organization with over 600 organizational members, developed financing for solar energy under the SolarBank Initiative and was named “Renewable Energy Man

of the Year” of India in 1998 prior to ACORE. He worked in South

Africa, founding the Shell-Eskom joint venture which implemented PVs on over 10,000 rural homes. Previously, he was CEO of United Power Systems, Inc.; Vice President of venture capital firm Areté Ventures, Inc.; strategic planner of General Electric Company’s power systems sector; and a Principal with Booz, Allen & Hamilton where he conducted national studies on new energy technologies in the 1970s. He is a 2009 recipient of the Corporate Responsibility Award for Social Entrepreneurship and a four-time invited participant in the Clinton Global Initiative.



Rod Eckhardt

Managing Partner of Round Rock Partners, LLC, has worked extensively with tax

incented investments from both an equity and debt perspective. His experience includes underwriting, asset management, fund management, origination and syndication of investments representing

approximately \$1 billion dollars. He is a speaker at national renewable energy finance conferences and has worked on behalf of tax credit syndicators, lenders, investors and developers. He previously served as Vice President for Capmark Finance Inc. and as Investment Counsel for a division of GMAC. Rod earned his B.A. from Colorado State University and his J.D. from Gonzaga School of Law.



Warren Evans

Sector Director, The World Bank Environment Department, oversees the

implementation of the World Bank’s Environment Strategy, works to integrate environmental objectives in lending and non-lending operations; provides leadership to the global environment agenda

including the expansion of global environmental partnerships. Evans is a key spokesperson for the Bank on climate change and programs such as Carbon Finance, with a primary responsibility of implementing and integrating climate concerns into operational work. He held technical and managerial positions at the Asian Development Bank (ADB) including serving as Director for the Environment and Social Safeguards Division in the Philippines. Previously, Mr. Evans worked on environmental issues in developing countries including serving as advisor to the Thai National Environment Board from 1978-1981 and was Managing Director of an international environmental consulting firm in Asia from 1982-1987.



Larry Flowers

Team Leader at the National Renewable Energy Laboratory (NREL) Wind Technology

Center, is currently the National Technical Director of Wind Powering America (WPA), a U.S. Department of Energy program launched in 1999 to increase

the deployment of wind in the United States. He has been with NREL for over twenty years with responsibilities ranging from solar thermal, built environments, utility, industrial, international to wind power applications and the WPA national initiative. Prior to NREL, Flowers worked in the aluminum industry in manufacturing, applications engineering, and marketing. His degrees are in Engineering and Business Administration. Larry has an MBA from the University of Denver and a BS in metallurgical engineering and materials sciences from Lehigh University.



Daniel Foa

Co-Chair of 51SIM, a nonprofit organization in Beijing that aims to alleviate poverty in developing economies through creating ecological and social projects. He is Co-Founder of an online microfinance platform, www.51give.com dedicated to lending to Chinese families and social entrepreneurs to power their lives with renewable energies. Prior to this, Daniel consulted in financial services, launched start-ups, led international technology transfers as well as his previous company's Internet strategy, IB, to the Shanghai Stock Exchange. In December 2008, he was invited to the Clinton Global Initiative Asia Meeting on behalf of two 51SIM projects, chosen as a preferred commitment by the CGI. The 51Give team was filmed by United Nations Foundation TV to document green microfinance projects in China.



Thomas L. Friedman

New York Times Journalist and Pulitzer Prize Winning Author, is an internationally renowned author, reporter, and columnist with five bestselling books, including *From Beirut to Jerusalem*, *The World Is Flat* and most recently *Hot, Flat, and Crowded: Why We Need a Green Revolution—and How It Can Renew America*, published in 2008. Friedman has worked at the *New York Times* since 1981 and has been the *Times* Foreign Affairs columnist since 1995, traveling extensively to anchor his opinions on the ground. Friedman has won three Pulitzer Prizes for international reporting from Lebanon (1983), from Israel (1988), and for distinguished commentary (2002). In 2004, he was awarded the Overseas Press Club Award for lifetime achievement and honorary title Order of the British Empire (OBE) by Queen Elizabeth II. In 2009, he was given the National Press Club's lifetime achievement award.



Robert Gough

Business Development Advisor at Native Wind, is an attorney and secretary of the Intertribal Council on Utility Policy (COUP). Gough has expertise in sociology and cultural ecology, with 30 years experience in tribal and natural resource law. COUP members are federally recognized Indian Northern Great Plains tribes, providing a forum on rights and resources for utility services on tribal lands, assisting tribes interested in building sustainable homeland economies based upon renewable energy. Gough co-chairs the COUP's national assessment of Native Peoples/Native Homelands and was the first director and now consultant to the Rosebud Sioux Tribal Utility Commission, participating in WAPA negotiations for tribal allocations of federal hydroelectric power.



Richard Greene

Communication Strategist; Chairman Host of "Home Tree Radio," is also host of "Hollywood CLOUT!" and was formerly on Air America, now heard daily on WCPT in Chicago. He is author of *Words That Shook The World: 100 Years of Unforgettable Speeches and Events* and *E=MC2 and The New Definition of G_d*. Richard is also founder of a non-profit that works with high-school students to cultivate the next generation of speakers and leaders. For 25 years Richard has taught Presidents, Prime Ministers, U.S. Senators, CEOs, Royalty (Princess Diana), Actors and others, in 29 countries around

the world on delivering presentations and speeches. He has been interviewed on over 30 national and international television programs including CNN, NBC and ABC National News, "Nightline," "Good Morning America," MSNBC, Fox News Channel and the BBC and analyzed the debates of the 1996, 2000, 2004 and 2008 Presidential campaigns.



Michael Haas

President and Founder of Orion Renewable Energy Group LLC; Chairman of the Board, Alliance for Climate Education (ACE), is also Co-Founder of Renewable Development Company (RDC). Orion develops utility scale wind and solar plants in the U.S. RDC works to achieve commitments set by the United Kingdom for new renewable energy generation. Projects developed by Orion and RDC generate enough zero-carbon electricity to meet the annual electricity demand of about one million homes. ACE educates high school students on global warming science, and inspires them to take action to curb the causes of climate change. Michael held various positions with KENETECH Corporation and McDonnell Douglas Corporation. He received his Bachelors Degree in Aerospace Engineering from Missouri University of S&T in 1987, and his Masters Degree in Aeronautical and Astronautical Engineering from Stanford University in 1990.



Charles Hambleton

Associate Producer of The Cove, has worked as a dive master, commercial diver, and sailor. He has worked on many commercials and local film productions, and worked with the Marine Department on location for the *Pirates of the Caribbean* movies. Charles met Louie Psihoyos in Antigua, and they worked together filming *The Cove*. He resides in Antigua, West Indies and in his rare spare time he races his wooden sloop "Summer Cloud" throughout the Caribbean. He studied English at Roanoke College in Virginia and Environmental Microbiology at University of Vermont. After the success of *The Cove*, Charles orchestrated the "Sushi Sting" at Santa Monica's Hump restaurant and exposed another operation in Korea. Most recently, he has been filming in the Gulf of Mexico for an upcoming TV show.



Jan Hartke

Senior Advisor at the Clinton Climate Initiative, has worked on global environmental issues, including climate change, for twenty-five years. He has served as President of the Global Tomorrow Coalition, Executive-Director of EarthVoice, and on the Board of Directors of a wide variety of organizations, including the Enterprise for the Americas as an appointee of President Clinton. Prior to working in the NGO movement, Hartke served as the elected State Treasurer of New Mexico, Chief Public Defender for the State, and Director of the Governor's Washington D.C. Office. He received his law degree from the University of Virginia and his degree in international relations from Brown University.



Richard Heede

Principal of Climate Mitigation Services, consults on climate stewardship

from emissions inventories to profitable action. Climate Mitigation Services conducts greenhouse gas inventories, develops protocols, defines emissions boundaries, and identifies technologies

and strategies to *profitably* reduce emissions. Client sectors include municipalities, colleges and universities, corporations, international NGOs, architects, and homeowners. Rick worked with Amory Lovins and the Rocky Mountain Institute from 1984 to 2002. He wrote *Measuring Energy Sustainability: Evaluating Your Nation's Energy Development: A Manual for Users of Helio's Indicators* for Helio, Paris.



Bracken Hendricks

Senior Fellow at The Center for American Progress, works at the interface of global

warming solutions and economic development. A leader in promoting policies that create green jobs, sustainable infrastructure, and investment in cities, Hendricks served as an advisor to the campaign and

transition team of President Obama, and was an architect of clean-energy portions of the American Recovery and Reinvestment Act. He served in the Clinton administration as special assistant to the Office of VP Gore, with the Department of Commerce's National Oceanic and Atmospheric Administration, and the President's Council on Sustainable Development. Publications include *Apollo's Fire: Igniting America's Clean Energy Economy*.



John Hickenlooper

Mayor of Denver, is a geologist-turned brewpub pioneer who had never run for political office. Hickenlooper was elected Mayor of Denver in 2003 and re-elected in 2007. In April 2005 – less than two years into his first term – *Time* Magazine named the political newcomer one of the

top five “big-city” mayors in America. Both Hickenlooper and Denver continue to gain national recognition for innovative approaches to sustainability, transit, arts and culture, ending homelessness, economic development, regionalism and hosting the 2008 Democratic National Convention. Under his leadership, Denver has emerged as one of the most sustainable cities in the country due to programs such as “The Cool Biz” energy conservation program, and “B-cycle,” Denver's citywide bike sharing program.



David Hiller

Executive Director of The Colorado Renewable Energy Collaboratory,

leads the research consortium of the National Renewable Energy Laboratory, Colorado School of Mines, Colorado State University and the University of Colorado at Boulder. The Collaboratory works to

develop and rapidly commercialize renewable energy technologies, build a renewable energy economy for Colorado and the nation, and teach the next generation of scientists and engineers to train the renewable energy workforce. Hiller served as State Issues Counsel for U.S. Senator Ken Salazar as a policy advisor and a representative for the Senator on natural resources, public lands and environmental issues, with special emphasis on renewable energy. Hiller has a law degree from the University of Michigan.



Reed Hundt

CEO of Coalition for Green Capital, is also Principal of REH Advisors. He is Chair of the Aspen Institute's International Digital Economy Accord (IDEA) Project and was a member of President Obama's Presidential Transition Team (2008-09) where he headed the economic agency review group.

Reed is on the Board of Directors of Intel, Serious Materials and is an advisor to Infinera. Reed has been Principal at Charles Ross Partners since 1997. He is a member of the DC, Maryland and California bars (former). From 1998-2009, he was a Senior Adviser to McKinsey & Company. Reed was Chairman of the Federal Communications Commission from 1993-97. He is the author of *In China's Shadow: The Crisis of American Entrepreneurship* and *You Say You Want A Revolution: A Story of Information Age Politics*.



Michael Hurley

Executive Director of the Bonobo Conservation Initiative, has a diversified

background in both private sector and government related fields. In the 1980s he gained national recognition for pioneering innovative financing techniques in community development, and was

appointed by the White House to serve on the President's Private Sector Survey on Cost Control. With BCI, Hurley is working with the support of CI's Central Africa Regional Program, US Fish & Wildlife Service's Great Ape Conservation Fund and the Global Conservation Fund. BCI's work includes setting aside over 2 million acres of land to protect the bonobo ape, man's closest relative. Hurley works to introduce and promote new paradigms in the field of conservation and community development, especially focusing on aid effectiveness/cost effectiveness, stakeholder participation and indigenous rights. He is a cum laude graduate of Harvard University.



Mick Ireland

Mayor of Aspen, has been a resident of Aspen since 1960. He has served three

terms as a Pitkin County Commissioner and was elected Mayor in 2007. He campaigned for affordable housing, environmental preservation and growth management and intends to help Aspen become

world renown as a leader in environmental issues. In addition to his duties as mayor, he is presently an attorney, consultant, and substitute teacher for the Aspen School District. He serves on numerous local boards and is involved in numerous local volunteer efforts including The Buddy Program and Outdoor Volunteers and the Nordic Council.



Wes Jackson PhD

President of The Land Institute, is widely recognized as a leader in the international

movement for sustainable agriculture. He established and chaired the environmental studies programs at California State University-Sacramento and then returned to Kansas to found The Land Institute in 1976.

He is the author of several books including *New Roots for Agriculture* and *Becoming Native to This Place*. He was a Pew Conservation Scholar (1990), a MacArthur Fellow (1992), and received the Right Livelihood Award (2000), called the “alternative Nobel prize.” *Life* magazine named Jackson one of the “100 Important Americans of the 20th century” and *Smithsonian* called him “one of 35 Who Made a Difference.” He earned a B.A. in Biology from Kansas Wesleyan, an M.A. in Botany from University of Kansas, and a Ph.D. in Genetics from North Carolina State University.



Dr. Kristina M. Johnson PhD

Under Secretary for Energy at the Department of Energy, was Provost

and Senior Vice President for Academic Affairs at The Johns Hopkins University prior to her DOE appointment. She received her B.S. (with distinction), M.S., and Ph.D. in Electrical

Engineering from Stanford University. In December of 2009, she was awarded an honorary Doctorate of Science from the University of Alabama at Huntsville. In 2010, Dr. Johnson was named the "Women of Vision Award Winner" by the Anita Borg Institute for Women and Technology, and received the ARCS Foundation Eagle Award for her dedication to science and education. Dr. Johnson has 142 refereed papers and proceedings and holds 45 U.S. patents (129 U.S. and international patents) and patents pending. She helped found several companies, including ColorLink, Inc, SouthEast Techinventions, and Unyos.



Gene Karpinski

President of the League of Conservation Voters (LCV), has served since April 2006

and previously served on the LCV Education Fund Boards of Directors and the LCV Political Committee. Before LCV, Gene worked for 21 years as the Executive Director of the U.S. Public Interest Research Group

(US PIRG), the national lobbying office for state PIRGs across the country, where he led many national environmental issue campaigns. Before his tenure at US PIRG, he was the field director for People for the American Way and Congress Watch, and Executive Director of the Colorado PIRG. He has served on the boards of Earth Share, the Partnership Project, the Beldon Fund, and the National Association for Public Interest Law. Gene is a graduate of Brown University and Georgetown University Law Center.



Daniel Kreeger

Co-Founder and Executive Director of the Association of Climate Change

Officers (ACCO), has created a forum that enables the exchange and enhancement of best practices, industry standards, and innovation in the area of climate change strategies. ACCO is a professional

development society for executives in the public and private sectors to help develop and direct climate change strategies. Daniel has focused on educating industry and government on the importance of developing sound organizational structures and management programs to encourage innovation and successful response to climate change considerations. Prior to ACCO, Daniel worked on crisis and issues management for companies in Florida focused on environmental matters, founded an online communications consultancy and worked in the Department of Defense on military health system matters. He is a graduate of The Johns Hopkins University.



Osprey Orielle Lake

Director of the Women's Climate Leadership Caucus, is a sculptor and

founder of the International Cheemah Monument Project. Ms. Lake's vision is to place eight Cheemah monuments around the world to create an inspiring bridge between cultures. Three of the eight

monuments have already been placed in Hamburg International Airport in Germany, Majorca, Spain and in the San Francisco Bay Area at Jack London Square. Other projects include the International Mari Monument Project, eight monuments dedicated to the earth's waters

that unite people worldwide, and the Drop of Water, Drop of Life project, placement of water fountain sculptures dedicated to water awareness and protection of world waters through watershed education. Her upcoming book *Uprisings for the Earth: Reconnecting Culture with Nature* will be released in October 2010.



George Lakoff

UC Berkley Professor of Linguistics and Cognitive Science, is a world renowned

linguist and America's leading expert on the framing of political discourse. He helps progressive citizens' groups, activists, and policy makers think through their values, formulate policies, and frame

their messages. His books include the best selling *Don't Think of an Elephant!*, *The Political Mind*, *Moral Politics*, *Thinking Points* and *Whose Freedom?* He has advised Democratic office-holders and candidates, and spoken at the caucuses and retreats of both Senate and House Democrats. He is a Richard and Rhoda Goldman Distinguished Professor of Cognitive Science and Linguistics at UC Berkeley, where he has taught since 1972. He is a founder of the fields of Cognitive Science and Cognitive Linguistics. His current research is on how the neural circuitry of the brain makes possible meaningful thought and language.



Ron Lehr

Attorney and Western Representative for the American Wind Energy Association

(AWEA), practices law and consults clients about energy and telecommunications regulation and business matters. Current assignments include work for the National Renewable Energy Laboratory on the

DOE program "Wind Powering America," for AWEA on transmission issues, and for the National Wind Coordinating Committee. He works for national trade organizations, and private firms on renewable energy policies and commercialization strategies. He appears as an expert witness, sponsoring testimony in utility merger, anti-trust, and government claim litigation. He recently completed terms as an appointed member of a panel charged to make recommendations on electric industry restructuring to the Colorado General Assembly, and was President and Commissioner of the Denver Board of Water Commissioners, the water utility for Denver and surrounding suburban areas.



Brook Le Van

Co-Founder and Director of Sustainable Settings, runs the research, demonstrations,

and educational programming for the working ranch and whole systems learning center. Le Van lectures, writes, and organizes community-based events, regionally and nationally, on relocalized sustainable

food and energy issues. He is a green development, sustainable agriculture, and native riparian systems consultant, a certified Permaculture designer and consultant and whole systems charrette facilitator. He advises and writes the "Food for Thought" column for *Edible Aspen* magazine. An alumnus of the Kansas City Art Institute and NYSCC, at Alfred University, the Institute for Social Ecology, Le Van taught college and university for six years. Grants and fellowships include a Fulbright Research fellowship for research in Ghana, a Durfee Foundation Fellowship for an expedition navigating the Yellow River in China, National Endowment for Humanities, and a Pollock-Krasner Foundation fellowship.



Craig Lewis

Founding Principal of the FIT Coalition; Founding Principal of RightCycle, is a

leading Smart Energy strategist and advocate, with over 20 years of experience in the renewables, wireless, and semiconductor industries. RightCycle is a consultancy that achieves Smart Energy outcomes via legislation, regulation, and public funding. The FIT Coalition is leading the legislative effort in California to implement a Feed-in-Tariff (FIT) that if implemented, will increase California's renewable energy market tenfold. Mr. Lewis spearheaded energy policy development for Steve Westly's 2006 gubernatorial campaign in California and was VP of Government Relations for GreenVolts, a solar technology company, till 2009. He has held senior government relations, corporate development, and marketing positions at wireless and semiconductor companies, including Qualcomm, Ericsson, and LinCom Wireless. He received his MBA and MSEE from the University of Southern California, and a BSEE from UC Berkeley.



Eric Loewen PhD

Chief Consulting Engineer, Advanced Plants Technology of GE Hitachi Nuclear Energy (GEH), currently works to promote the technology for processing used nuclear fuel as an option for President Obama's Blue Ribbon Commission. The American Nuclear Society's 2005

Congressional Fellow, Dr. Loewen worked for Senator Chuck Hagel and helped coordinate the inclusion of legislation addressing global climate change policy into the Energy Act of 2005. From 1992 - 1997, he was Director of Research, Molten Metal Technology in MA. Prior to this, he served in the United States Navy from 1982-1993. Loewen graduated from Western State College with a Bachelor of Science, Mathematics and Chemistry, and a Master of Science, Nuclear Engineering and PhD, Engineering Physics from the University of Wisconsin. He is currently Vice President/President Elect of the American Nuclear Society.



Chief Arvol Looking Horse

19th Generation Keeper of the White Buffalo Calf Pipe Bundle, holds the

responsibility of spiritual leader among the Lakota, Dakota and Nakota People. He holds an honorary Doctorate from the University of South Dakota, and travels and speaks extensively on peace, environmental and native rights issues. He has been the recipient of several awards, including the Wolf Award of Canada for his dedicated work for peace. A skilled horseman, he shares his knowledge with the youth on the long-distance rides that take place in South Dakota throughout the year.



Alec Loorz

Founder of Kids-vs-Global-Warming (KvGW), is a high school junior in Ventura

California and founded KvGW at age 12. He is a filmmaker, graphic designer, and activist, determined to inspire youth to climate change action. In just 3 years, Loorz has delivered over 150 presentations to over 50,000 people nationwide. Alec is on several advisory boards, including the Alliance for Climate Protection's *Inconvenient Youth*, Alliance for Climate Education, Rainforest Action Network's *Youth Sustaining the Earth*, and the United Steelworkers Union. He has been interviewed by the CBS Early Show, CNN, the Discovery Channel, ABC,

NPR, Air America, *People Magazine*, *TIME for Kids*, numerous blogs, newspapers and radio shows. KvGW is currently planning the "iMatter March: One Million Youth Stand Up for Their Planet" for Mother's Day 2011. The march is intended to organize and empower youth in the fight against climate change.



Amory Lovins

Chairman and Chief Scientist of Rocky Mountain Institute; Chairman Emeritus of Fiberforge Corporation, was named "one of

the 100 most influential people in the world," by Time magazine. His innovations in energy, security, and environment have been recognized by the Blue Planet, Volvo, Onassis, Nissan, Shingo, and Mitchell Prizes, MacArthur and Ashoka Fellowships, the Benjamin Franklin and Hapgood Medals, 11 honorary doctorates, honorary membership of the American Institute of Architects, and has won Heinz, Lindbergh, Right Livelihood, National Design, and World Technology Awards. He advises governments and major firms on energy and resource efficiency, has briefed 20 heads of state, and led the technical redesign of more than \$30 billion worth of industrial facilities to achieve energy savings at typically lower capital cost. He has published 29 books and has taught at eight universities, most recently in Stanford University's School of Engineering.



Robert MacDonald

Managing Partner, member of the Board of Directors and senior investment

professional of Craton Equity Partners, co-founded the development of one of the country's first fully integrated independent power production companies to help create two of the largest municipal joint action agencies in California. In 1981, Bob founded Catalyst Energy Corporation with the Salomon Brothers principals. Catalyst grew to become one of the largest IPPs in the country, and was sold for \$1 billion. From 1988-1992, he was a co-founder and co-chairman of Eastrock Partners in New York where he provided private investment and financial consulting services. In 1993, Bob joined William E. Simon & Sons L.L.C. Thereafter, he became President of Simon Private Equity. Bob currently serves on the boards of the following companies: EnLink Geoenergy Services, GigaCrete, Inc., Petra Solar, and RYPOS.



Darrin Magee PhD

Professor of Asian Environmental Studies at Hobart & William Smith

Colleges in Geneva, New York. An expert on Chinese hydropower, he is fluent in Mandarin and has traveled to China regularly for over 15 years. He studies energy and environmental issues, including hydropower, transboundary rivers, diversions, and renewables. Magee's work has appeared in *The China Quarterly*, *The Journal of Environmental Management*, *Water Alternatives*, and elsewhere, and he is working on a book about hydropower in China. He teaches on environment and development in Asia, water, waste, energy, GIS, and geography, and is a China consultant to Rocky Mountain Institute. Darrin received his MA in China Studies and PhD in Geography from the University of Washington, a BS in mathematics and BA in French from Louisiana State University.



Alex Major

Executive Director of the Green Flight Foundation, is the founder and CEO of the King Air Foundation, which intends to fly the first Beechcraft King Air around-the-world in 2014 with 100% renewable bio-jet fuel. The Green Flight Foundation is a nonprofit formed to further renewable

fuels and green business practices in private and business aviation. Mr. Major, a pilot since the age of 17, has flown everything from small single engine aircraft to business turboprops and jets. In addition, Mr. Major has been an environmental entrepreneur for 25 years and for the last eight years has focused on the production of biofuels for use in hybrid electric vehicles and in private and business aircraft.



James D. Marston

Director of the National Energy Program; Director of the Texas Regional Office for the Environmental Defense Fund has served with EDF since 1988. He was the head of EDF's state climate initiatives from 2002 until 2009. Marston

led a successful fight to stop TXU from building a dozen coal plants in Texas and negotiated a deal with private equity buyers involving commitments on global warming. He is a leader of the Pecan Street Project, a partnership with Austin Energy, the University of Texas, and clean tech companies working to change the nation's electric system. He helped design and advocate for some of the most innovative legislation in country including the Texas Renewable Portfolio Standard. He served as president of the Texas League of Conservation Voters and chairman of the Central Texas Clean Air Force.



Joani Matranga

Western Regional Representative at Colorado Governor's Energy Office (GEO), she works with Colorado's Western Slope communities to create economic opportunities with renewable energy, energy efficiency, and clean energy technologies. Joani recognizes the importance

of grassroots efforts, policy and local action as key to moving Colorado forward to a New Energy Economy. Previous to working at the GEO, Joani spent over nine years at the Community Office of Resource Efficiency (CORE), a local energy office based on the Western Slope. Joani was educated as a chemical engineer and has worked in new product/business development, international specialty chemical business, and gas and electric power industries.



Jan L. McAlpine

Director of the United Nations Division on Forests; Head of the United Nations Forum on Forests (UNFF) Secretariat, previously served as Senior Advisor in the U.S. Department of State and headed the interagency and stakeholder process in the President's Initiative against Illegal

Logging (PIAIL). Ms. McAlpine developed the Asia and Africa Forest Law Enforcement and Governance Ministerial process. As a Visiting Scholar and Senior Researcher at the University of Michigan, she co-facilitated the first National Summit on Adaptation to Climate Change. In 1989, she worked with the EPA on international policy issues and subsequently worked at the White House, with the President's Council on Sustainable Development and in the Office of the U.S. Trade Representative focused on international forest and timber trade. She was appointed to the Swedish Royal Academy of Agriculture and Forestry in 2009.



Mark McCaffrey

Associate Scientist III at Cooperative Institute for Research in Environmental Sciences (CIRES), focuses on science communication and education relating to climate, water and solar sciences. Recent publications include "Toward a Climate-Literate Society" in the

Environmental Law Reporter. Mark is co-author of the Essential Principles of Climate Literacy and co-founder of the Climate Literacy Network. He co-founded the Boulder Area Sustainability Information Network and the Boulder Creek Watershed Initiative. In addition, he was the lead author on the NOAA Paleo Perspective on Abrupt Climate Change, and testified in front of Congress about the International Polar Year's education, outreach and communication efforts. He has a Masters in Educational Leadership and Policy Studies from the University of Northern Colorado in Greeley, Colorado. He currently authors a climate literacy blog to share insights about climate literacy efforts from around the world.



Pat McConathy

Principal in Yarmony Energy, has worked for 35 years to further energy production within the United States. He focused on drilling and operating wells in Oklahoma, Texas, Louisiana, Arkansas and Wyoming from the 1970's-1990. Mr.

McConathy's companies include Phoenix Oil and Gas, Castle Peak Resources, Yarmony Energy and Dos Cuadras Offshore Resources. A few years ago, Mr. McConathy and all his entities divested themselves of all their oil and gas properties to focus on developing alternative sources of energy on its mineral holdings. His Yarmony Foundation produced and helped fund the documentary movie *Climate Refugees* that premiered at Sundance and was shown in Copenhagen at the United Nations Climate Change Conference in 2009. In addition, Pat has worked in the Leadership Circle of U.S. Senator Ken Salazar. He is the founder of Wild Goose Ministries, which provides retreats in McCoy, Colorado.



Colonel Mark 'Puck' Mykleby

Special Strategic Assistant to Chairman, Joint Chiefs of Staff, was commissioned as a second lieutenant in the Marine Corps following his graduation from the U.S. Naval Academy in 1987. He was designated a naval aviator in April 1990 and as a qualified F/A-18

pilot in December 1990. From 1991-2006, Colonel Mykleby served in five fleet fighter squadrons and conducted land based and ship borne deployments to the European, Pacific, and Southwest Asian theaters. He has participated in combat operations in support of Operations Provide Promise, Deny Flight, Southern Watch and Iraqi Freedom. In 2007, he was assigned to the US Special Operations Command (USSOCOM) where he developed strategy for Special Operations Forces.



Jonathan Naimon

Co-Founder and President of Light Green Advisors.

Prior to founding LGA, Mr. Naimon was a visiting professor at the Norwegian School of Management where he served as a consultant to fund groups developing "responsible" investment products in Norway,

Sweden and Switzerland. Mr. Naimon was the architect of the US Investor Responsibility Research Center's corporate environmental benchmarking system, and has been a frequent speaker on "best of class" investing in the US and Europe. He has held economic analysis positions with Asea Brown Boveri Environmental Services, ICF-Kaiser, and the U.S. House of Representatives Energy and Commerce Committee. He has been a visiting professor at Carnegie Mellon University and holds degrees in environmental management and molecular biology from the University of North Carolina and the Massachusetts Institute of Technology.



Michael P. Nash

Director of Climate Refugees is a filmmaker who recently received the Global Innovation Award, Senator Boxer's 2010 Conservation Champion Award and the 2010 Neiman Marcus Environmental Visions Filmmaker Award. Michael Nash's current documentary,

Climate Refugees was the only film screened by the United Nations at the recent IIEA Copenhagen Climate Change Conference for world leaders and policymakers. Mr. Nash has served on various panels as an expert on climatic migrations. The world premiere of *Climate Refugees* was at the 2010 Sundance Film Festival and was noted by Robert Redford in the New York Times "as an agent for social change." Nash's first feature, the critically acclaimed film *Fuel*, won feature film honors internationally, including the Grand Jury Prize in Europe. Nash has created a digital-video exploration montage for the Getty Museum, assisted in television programming development, and music video production.



Dr. M. Karen Newell PhD

Scientific Director for Viral Genetics; Professor at Texas A & M Health Sciences Center (TAMHSC),

is the Raleigh R. White, Jr. Endowed Professor of Surgical Research at Scott and White Hospital. Newell earned a Ph.D. in Immunology from the University of Colorado HSC,

performed postdoctoral work at McGill University. Newell became an Assistant Professor at University of Vermont and later at the University of Colorado, Colorado Springs. This year, Newell joined TAMHSC and Scott & White Hospital. Her current research interests include: (1) mechanisms that contribute to chronic inflammation; (2) distinct metabolic strategies of diseased cells and therapeutic interventions based on those distinctions; and (3) energy strategies of algae/plants to increase the yield of oil as biofuel. Newell is Scientific Director of Viral Genetics, holds over 35 pending and/or issued patents and 57 publications.



Monica Ord

Senior Vice President, Corporate Development and Communications at Viral Genetics,

has worked in the life sciences industry for over 17 years, as an entrepreneur with her own health promotion company, and as an international sales manager for two Fortune

500 companies. Recently, Ms. Ord has been sourcing finance for global crises projects within the entertainment industry. She is currently a partner in Paradise FX and owner of Arctica Films. She recently partnered with Sir Richard Branson as executive producer of *Global Warming 101 Expedition, Baffin Island '07: "Bear Witness,"* a documentary that follows Sir Richard Branson, Sam Branson, and explorer Will Steiger through a 1,200-mile Arctic dogsled journey chronicling the effects of climate change on native peoples and the environment.



David Orr PhD

Paul Sears Distinguished Professor of Environmental Studies and Politics at

Oberlin College, is Senior Adviser to the president at Oberlin and a James Marsh, Professor at large at the University of Vermont. He is presently the director for the Oberlin Project a joint city/college effort to build a

sustainable post-fossil fuel economy. He helped launch the President's Climate Action Plan (2008) and is known for his pioneering work in ecological design including the Adam Joseph Lewis Center at Oberlin. He has written seven books, most recently *Hope is an Imperative: the Essential David Orr* and published 170 articles. He was named an "Environmental Hero for 2004" by *Interiors & Sources Magazine*. He holds six honorary degrees and was a distinguished scholar in residence at University of Washington, Ball State University and Westminster College in Salt Lake City.



Jonathan Parfrey

Director of the Green LA Insitute, a Los Angeles' environmental coalition. In

December 2008, Parfrey was appointed to the Los Angeles Board of Water and Power Commissioners where he is serving a five-year term. He is also a member of Board of Public Officials for Water and

Environmental Reform, the advisory board member to the UCLA Clean Energy for Green Industry, and the steering committee of the Los Angeles Regional Collaborative for Climate Action and Sustainability. From 1994-2007, Parfrey directed Physicians for Social Responsibility-Los Angeles and, from 2006-2009, was Vice-President of Los Angeles League of Conservation Voters. In 2003, Mr. Parfrey was appointed to Governor Schwarzenegger's Environmental Policy Team. In 2010 he received a Stanton Fellowship to investigate best practices in climate policy.



Sunil Paul

Founder of the Gigaton Throwdown,

where he works to educate and inspire entrepreneurs, investors, and policy makers to create solutions for climate stability, energy independence and economic opportunity. The framework is used by the US Department of Energy and the Carbon

War Room founded by Richard Branson. Sunil is co-founder and co-chair of the Clean Economy Network (CEN), the largest CleanTech organization in the U.S. He and his venture fund, Spring Ventures, invested in companies such as nanoSolar and Oorja Protonics. He's founded several companies including Brightmail, a leading anti-spam company sold to Symantec in 2004, and FreeLoader, the first open "push" service. In his early career, he worked as a policy analyst at the Congressional Office of Technology Assessment and at the NASA Space Station information systems.



Michael Penwarden

Chief Executive Officer of Matter Network, where he is dedicated to working to inform and activate the sustainability revolution. Matter Network was recently selected as a leading content provider to Reuters' Green Business News Service and is the world's largest online distributor of sustainability

news and information. Michael served as Editor of *Macworld Magazine*, which received two consecutive Maggie Awards for "Best Computer Magazine" during his tenure. His work has appeared in *Time* and *USA Today* and he has been featured as a commentator on CNN, NBC and MSNBC. Michael also founded and captained Team Earth Island, an adventure racing team dedicated to inspiring environmental stewardship in underprivileged children.



Matt Petersen

President, CEO and board member of Global Green USA, created the Global

Green "Healthy Homes and Smart Neighborhoods" initiative. This project includes: the New Orleans Sustainable Design Competition with Jury Chair Brad Pitt; The Holy Cross Project; the NOLA Green Schools Initiative; and work with Habitat for Humanity, building energy efficient housing. Petersen is on the Council of Green Cross International, and chaired the GCI Energy and Resource Efficiency Program. He has appeared on the TODAY Show, ABC Good Morning America, CNN, and others, and has been quoted in dozens of publications. Petersen has lectured around the world in front of heads of state, corporate CEOs, and opinion leaders. He is an advisor to the Leonardo DiCaprio Foundation; on the City of Santa Monica Environmental Task Force; and on the advisory board for the Environmental Media Association (EMA).



T. Boone Pickens

Founder of BP Capital; Principal of TBP and BPC, launched a \$62 million

advertising campaign in 2008, working with the Sierra Club, to promote the Pickens Plan, an energy policy aimed at reducing America's reliance on foreign oil. He has spent the past 35 years lobbying presidents and legislators to formulate a comprehensive energy plan for America in response to energy and environmental needs. Pickens has also devoted a great deal of money and energy into developing businesses focussed on clean energy alternatives to fossil fuels, including Clean Energy Corp. In August 2007, a coalition of Texas landowners, led by Pickens, began developing the world's largest wind farm. A less ambitious version of this project should be completed in late 2011. In 1989 *Financial World* named Pickens "CEO of the Decade," and later the publication *Oil and Gas Investor* listed him as one of the "100 Most Influential People of the Petroleum Century."



Michael Polsky

Founder, President, and CEO of Invenergy, LLC, has nearly 30 years of

experience in the energy industry. Invenergy LLC, founded in 2001, develops, owns, and operates large-scale electricity generation assets in North American and European markets. Before Invenergy LLC, Mr.

Polsky founded SkyGen Energy LLC in 1991. In fewer than ten years, he led SkyGen to develop a 12,000 MW portfolio, and SkyGen was bought by Calpine Corporation. Mr. Polsky was appointed to Calpine's Board of Directors and became a senior executive at Calpine. Prior to forming SkyGen, Mr. Polsky cofounded and was president of Indeck

Energy Services Inc, and led the development of one of the first portfolios of independent power generating assets. Mr. Polsky holds an MBA from the University of Chicago and a Masters in Mechanical Engineering from Kiev Polytechnic Institute.



Louie Psihoyos

Director of *The Cove*; Executive Director of Oceanic Preservation Society (OPS),

is regarded as one of the top photographers in the world. He founded OPS in 2005, with the goal of helping the public and media observe the beauty and destruction of the oceans, and motivating the world to action. He was hired after college to shoot for National Geographic and worked there for 18 years. An ardent diver and dive photographer, he has worked for *Fortune Magazine* and shot hundreds of covers for magazines including *Smithsonian*, *Discover*, *GEO*, *Time*, *Newsweek*, and *The New York Times Magazine*. His work has aired on the Discovery Channel, National Geographic Television and the History Channel. His first film, *The Cove*, won an Academy Award for Best Documentary in 2010 and an Audience Award at Sundance.



Phillip Radford

Executive Director for Greenpeace, served as Greenpeace USA's Grassroots

Director for 6 years. He helped build Greenpeace's \$9 million Grassroots Program and online to on-the-ground organizing, student organizing training program and canvass programs. After obtaining a certificate in non-profit management from Georgetown University, Philip served as field director of Ozone Action, where he mapped out a successful campaign during the 2000 primaries, convincing Senator McCain to champion global warming. He went on to found Power Shift, the popular campaign empowering the nation's youth to demand political action for climate change issues. Radford earned a Bachelor degree from Washington University in St. Louis in 1998, and holds a certificate in Non-profit Management from Georgetown University.



Sally Ranney

Co-Director, AREDAY Summit; CEO, Stillwater Preservation, LLC, has 30 years

experience in the public/private sectors focusing on biodiversity, energy, water, wildlife and public land policy. She is Pres., *Rising Wolf International, Inc.*, a specialized consulting group, Co-founder/Anchor, 'A

Matter of Degree Media; and Chairman, *Earth Restoration Alliance*. She founded/served as Pres. of *American Wildlands* and designed *Corridors of Life*, a multi-million acre public/private lands GIS satellite mapping and management program. Commission/committee service includes *President's Commission on American Outdoors*, appt. by Pres. Reagan and *Project 88*, Harvard Kennedy School of Public Policy & Government. Sally has received numerous awards, among them the *Horace Albright Award*, the *Meritorious Conservation Award* and the *R.K Mellon Fellowship*, *Yale School of Forestry and Environmental Studies*. A U.S. trainee of Al Gore's *Climate Project*, her past/present board affiliations include The Natural Step; Eco-Com, LLC (US/Mexico); Round Rock Partners, LLC; Gallmann African Conservancy (U.S./Kenya); Grand Canyon Trust, Lighthawk; Island Foundation; ZERI (U.S./Switzerland); and Natural Resource & Agriculture Policy Advisory Board, Colorado State University.



Nathan Ratledge

Executive Director of Community Office for Resource Efficiency (CORE),

is primarily responsible for REMP projects and grant management, fundraising and general organizational oversight. Prior to joining CORE in 2008, Nathan worked for the Aspen Center for Environmental Studies, Conservation International and the Smithsonian. He has also participated in overseeing a number of overseas projects including initiatives with the La Selva Biological Station in Costa Rica, the Wildlife Conservation Society in Laos, and the Makwalo White Lion Project in South Africa and has worked as an English teacher in Kathmandu, Nepal. Nathan attended the University of Georgia and holds a B.A. in Ecological Anthropology and minors in English and Environmental Ethics.



Rhone Resch

President and CEO of the Solar Energy Industries Association (SEIA),

is responsible for all aspects of the association's operations and implementation of the industry's strategic priorities. SEIA's recent legislative successes include the 8 year extension and expansion of the investment tax credits for solar, creation of the DOE grant program and expansion of the loan guarantee program for renewable energy. He has over 15 years of experience in the public and private sector working in clean energy development and climate change issues. Rhone served as Program Manager at the EPA's Climate Protection Division during the Clinton administration, and supported the U.S. Department of Energy's Environmental Management Program. He holds an MPA in Management from Syracuse University's Maxwell School, a Master of Environmental Engineering from SUNY Syracuse, and a B.A. from the University of Michigan.



Gloria Reuben

Special advisor for the Alliance for Climate Protection,

is an accomplished actress and singer and has amassed impressive credentials in television, film, theater and music. Most notably, she played the health care professional Jeanie Boulet on the hit NBC series *ER*, for which she

won two Emmy nominations and a Golden Globe nomination. She won a Lucille Lortel Best Actress Award for her portrayal of Condoleezza Rice in the play *Stuff Happens*. Gloria is a committed social and environmental activist. She is on the Board for the National Wildlife Federation, is on the Leadership Council for the Natural Resources Defense Council and for the Waterkeeper Alliance. She also serves on the Leadership Council for the RFK Center for Justice and Human Rights, and is on the Board for SIECUS: the Sexuality, Information and Education Council of the United States.



Bill Richardson

Governor of New Mexico,

was elected in 2002 and re-elected in 2006 with the largest margin of victory of any Governor in state history. Richardson has moved New Mexico forward as a leader in clean energy. He signed a bill that requires utilities to have 20% of electricity come from renewables by 2020, created a Renewable Energy Transmission Authority, and created a Green Jobs Cabinet. Richardson negotiated a Fence-to-Fence Cleanup for Los Alamos

National Laboratory, co-founded the Western Climate Initiative regional cap-and-trade effort, implemented a River Ecosystem Restoration Initiative, and issued an Environmental Justice Executive Order. Richardson served in northern New Mexico representing the 3rd Congressional District, was U.S. Ambassador to the United Nations, and served as Secretary of the U.S. Department of Energy. He received a BA from Tufts and a MA from Tufts's Fletcher School of Law and Diplomacy.



Bill Ritter

Governor of Colorado,

was elected in 2006 and is the first Colorado-born governor in over 35 years. Since taking office, Ritter has been responsible for passing key legislation that has established Colorado as a national and international leader in the New Energy Economy.

Most notably, Governor Ritter signed into law a bill requiring state utilities to generate 30 percent of their electricity from renewable sources by 2020. Colorado now has the highest renewable energy standard in the Rocky Mountain state region. In addition, he passed landmark legislation to decommission or transition coal-fired power plants to either natural gas or other low, non-emitting energy sources. Gov. Ritter graduated from Colorado State University in 1978 and the University of Colorado School of Law in 1981.



Dr. Carl Safina

Founder and President of the Blue Ocean Institute,

has worked to bring ocean conservation into the environmental mainstream. He has helped lead campaigns to ban high-seas driftnets, re-write U.S. fisheries law, to restore tuna, shark, and other fish populations, and to achieve a United Nations fisheries treaty. *Audubon* magazine named him among the leading 100 conservationists of the 20th century. He has written a hundred-plus publications and award-winning books including *Song for the Blue Ocean*, and his writing has been featured in *National Geographic*. He's been profiled by the *New York Times*, *Nightline*, and Bill Moyers and recently was interviewed on the Colbert Report. His awards include a Pew Fellowship, a World Wildlife Fund Senior Fellowship, a Lannan Literary Award, John Burroughs Medal, and a MacArthur Prize, among others.



Gail Schwartz

Colorado State Senator (D),

is a leading education proponent and rural economic development advocate. Her district extends over 11 counties. Schwartz's State Senate committee responsibilities include a second term as Vice-Chair of the Agriculture, Natural Resources and Energy Committee and the Local Government Committee. She also serves on the Senate Business, Labor and Technology Committee. Senator Schwartz's other appointments include the Colorado Heritage Tourism Committee, serving as liaison to the Colorado Commission on Higher Education, and the Senate Select Committee on Renewable Energy. She was awarded "Legislator of the Year" from the Independent Bankers of America (2006).



Larry Schweiger

President and Chief Executive Officer of the National Wildlife Federation,

oversees America's largest conservation organization, with 46 affiliates and more than four million members and supporters. Previously, Larry served for eight years as President and CEO of the

Western Pennsylvania Conservancy, where he pioneered watershed restoration and promoted ecological research, land conservation and community outreach. Larry is an active community leader, having served on more than 40 governing boards, commissions and committees. He currently serves on the Boards of Directors of the Alliance for Climate Protection; the H. John Heinz III Center for Science, Economics and the Environment; and National Wildlife Federation Action Fund. Larry's recent book *Last Chance: Preserving Life on Earth* focuses on global warming, wildlife, and our need to transition to a clean energy economy.



Sal Scuderi

President of Scuderi Engine, is responsible for the Scuderi Group's overall operation and business strategy. Mr. Scuderi has more than 20 years experience in program management, financial forecasting/planning, M&A, contract negotiations and strategic

planning, as well as engineering and manufacturing management. Prior to leading the Scuderi Group, Sal worked as a consultant for M&A, turnaround management, financial restructuring and business planning. He also worked closely with Carmelo Scuderi on the design of the Scuderi Engine, a one-liter, naturally aspirated gasoline prototype, expected to produce up to 80 percent fewer toxins than a typical internal combustion engine and expected to achieve significant gains in fuel efficiency.



Joel Surface

Entrepreneur-in-Residence at NREL; Kleiner, Perkins, Caufield & Byers, is

an investor and entrepreneur, and has worked on cleantech in Massachusetts, California, Texas, and Colorado. Since 2000, he has started or invested in over 20 cleantech companies. Joel served as

Director of the Austin Clean Energy Incubator at the University of Texas designed to support cleantech start-ups renewable energy development, and clean energy growth in Texas. Joel is a founding member of Environmental Entrepreneurs, a community of professionals that believe protecting the environment can build economic prosperity. He has an M.B.A. from the MIT Sloan School of Management and received the Patrick McGovern Award for Entrepreneurial Leadership. Joel received his B.S. in Chemical Engineering with concentrations in Environmental and Biotech Engineering from the University of Texas at Austin.



Maria Snyder

Founder of Eco Boys and Girls, is the daughter of industrialist real estate developer Arthur T. Snyder, rose to fame within the fashion industry as one of Yves Saint Laurent's chosen models. This launched an international modeling career and work with legendary designers

Karl Lagerfeld, Valentino, Gianni Versace, Moschino, Armani, and more. Now she's focusing her talents on raising environmental

awareness in an effort to positively impact how children connect with the earth. "Eco Boys and Girls," Maria's latest project, debuts for Earth Week 2010 and is a whimsical cast of cartoon characters who educate children about taking care of our planet.



Thomas Strickland

Assistant Secretary of the Interior for Fish and Wildlife and Parks, oversees

and coordinates policy decisions for the National Park Service and U.S. Fish and Wildlife Service and serves as chief of staff to Ken Salazar. Before joining the Interior, Strickland was executive vice

president and chief legal officer of UnitedHealth Group from May 2007. Before that he was a partner and a member of the executive committee of the Hogan & Hartson law firm, serving as Managing Partner for the firm's Colorado offices. He served as United States Attorney for the District of Colorado from 1999 through 2001. In 1996 and 2002, he was the Democratic nominee for the United States Senate in Colorado. He chaired the Colorado Transportation Commission, and was a founder of Great Outdoors Colorado.



Julienne Stroeve

Research Scientist at the University of Colorado's National Snow and Ice

Data Center, holds a Ph.D. in Geography from the University of Colorado where she focused on surface energy balance studies of the Greenland ice sheet using satellite imagery. She has extensive

experience in remote sensing of the polar regions using satellite imagery. J. Stroeve has participated in several field campaigns in Greenland and the Arctic. Current research includes monitoring the causes behind the rapid decline of the Arctic sea ice cover, and investigations into how the transition towards a seasonally ice-free Arctic will impact climate. J. Stroeve has been lead author on more than 20 papers and co-author on more than 30 papers. J. Stroeve's work has been featured in several Discovery Science and History Channel documentaries.



Eddie Sturman

Founder of Sturman Industries, has been described as "one of America's

greatest natural resources." Eddie is a leader in improving process control and mechanical system design. Known for his simple and innovative solutions for mechanical system challenges,

he generates numerous inventions annually. Eddie pioneered 'latching' valves, as a result of developing a more efficient valve for the Apollo space program. Eddie's goal for Sturman Industries is to create simple, efficient, needed, safe and economical solutions to the world's mobility, environmental and energy-related problems. His opinion and advice is sought after; from those in the diesel mobility industry, and government leaders looking for better ways to solve the problems facing our nation and the world. Safe, energy-efficient products that help preserve the Earth's natural resources continue to be his aim.



Woody Tasch

Founder and Chairman of Slow Money, formed the non-profit in 2008 to catalyze the flow of investment capital to small food enterprises and to promote new principles of fiduciary responsibility that support sustainable agriculture and a restorative economy. Tasch is Chairman Emeritus of Investors'

Circle, a nonprofit network of investors that has facilitated the flow of \$130 million to 200 sustainability minded companies and venture funds. During the 1990's, Woody was treasurer of the Jessie Smith Noyes Foundation, where he pioneered mission related investing. He is an experienced venture-capital investor and entrepreneur, he has served on numerous for-profit and non-profit boards, and was founding chairman of the Community Development Venture Capital Alliance, which supports venture investing in economically disadvantaged regions. His book *Inquiries into the Nature of Slow Money* is available from Chelsea Green Publishing.



Robert Thresher PhD

NREL Research Fellow, is a longtime director of the National Wind Technology Center (NWTC) at the National Renewable Energy Laboratory (NREL). He was appointed to the position of NREL Wind Energy Research Fellow in April, 2008. As the former Director of the National Wind

Technology Center, Dr. Thresher was internationally recognized as a visionary, leader and architect of the national wind energy agenda. Dr. Thresher's key career accomplishments include an Honorary Doctor of Engineering Degree from Glasgow University, 2009; a Lifetime Achievement Award by the American Wind Energy Association; and the development of DOE NREL's wind program from \$5 million to \$40 million.



Ted Turner

Chairman, Southern Turner Renewable Energy Co., was recently named one of the most influential people in the world by *Time Magazine*. Founder of CNN, he is one of the most renowned and generous philanthropist in the world. Turner dedicates his time and resources to making the

world a better, safer place for future generations. His five foundations work to address the planet's most pressing issues. They include the Turner Foundation, The United Nations Foundation, the Nuclear Threat Initiative, the Captain Planet Foundation and the Turner Endangered Species Fund. Turner has partnered with the Southern Company to develop renewable energy projects, including a 30 megawatt thin film solar project located on a Turner property in New Mexico. With over two million acres, Turner is the largest private landowner in the United States and owns 55,000 head of bison.



Dr. James A. Walker

Vice Chairman of the Board of enXco Inc., has been an alternative energy pioneer for 35 years in the US, Greece, Turkey and Mexico. Dr. Walker is a leading U.S. developer, owner and operator of wind parks. He was the recent President of the American Wind Energy Association (AWEA)

and named AWEA's "Industry Person of the Year" in 2007. In his early career, he served in the Executive Office of the President under Presidents Nixon and Ford, and directed policy analyses for federal energy R&D programs. He leads Princeton's Energy Group doing

energy resource development projects in Europe, Asia and has two wind parks on the Island of Crete. Dr. Walker received his Doctorate in Decision and Control from Harvard Business School and a degree in physics cum laude from Princeton University.



Pic Walker

Executive Director of Alliance for Climate Education (ACE), has over a

decade of experience in the environmental sector. He has worked in the private sector with Blu Skye, a consulting firm that assists Fortune 500 clients in developing sustainability and environmental

programs. Prior to joining Blu Skye, Pic worked at the Gordon and Betty Moore Foundation leading research and development efforts for the Environment team. He co-developed the Wild Salmon Ecosystem Initiative, a \$190 million effort to have a substantial and measurable impact on the long-term sustainability of wild Pacific Salmon. He is a certified NOLS instructor and has worked with several conservation organizations including Conservation International, CI-Guatemala and Rainforest Action Network. Pic holds a B.A. from Middlebury College and an M.B.A in sustainable enterprise from the University of North Carolina, Chapel Hill.



Harvey Wasserman

Author of *Solartopia!*, is a senior advisor

to Greenpeace as well as an American journalist, and advocate for renewable energy. Wasserman has been involved in community organization for over 40 years. In 1967 he helped found the legendary anti-war Liberation News

Service. In 1973 Wasserman helped pioneer the global grassroots movement against atomic reactors. The phrase "No Nukes" was Wasserman's idea entering the American lexicon in 1974. He has been featured on Today, National Public Radio, CNN and other major media outlets. Wasserman continues to speak to campus and citizen gatherings throughout the US. He currently teaches history at two central Ohio colleges. Wasserman has helped with successful campaigns including the protection of a local wildlife refuge, the closings of a central Ohio trash-burning power plant, and a regional radioactive waste dump.



Johnny Weiss

Co-Founder, Executive Director of Solar Energy International, is a solar educator,

consultant, certified Industrial Trainer and solar building professional. He has more than 20 years experience teaching the practical applications of the renewable energy (RE) technologies of solar, wind

and water power. As an associate professor for 10 years at the Colorado Mountain College, he helped develop and teach a hands-on vocational training program in solar thermal, photovoltaics, energy efficiency and construction skills. Johnny has extensive practical experience as a natural house builder and licensed general contractor. He is knowledgeable in the environmental building technologies of earth and straw bale construction. Johnny regularly works with Native Americans RE training programs. Johnny works in international sustainable development programs and projects helping transfer renewable energy technologies to the developing world.



Christine Todd Whitman

Board of Directors for the American Security Project; President of The Whitman Strategy Group (WSG), was the 50th Governor of New Jersey, serving as its first woman governor from 1994 - 2001. The Whitman Strategy Group is a consulting firm that specializes in energy

and environmental issues. She is also co-chair of the Republican Leadership Council (RLC), which she founded with Senator John Danforth and Lt. Gov. Michael Steele. Whitman served as Administrator of the Environmental Protection Agency under President George W. Bush from 2001- 2003. Whitman is on the Steering Committee of The Cancer Institute of New Jersey; the Board of Trustees of the Eisenhower Fellowships; the Board of Directors of the Council on Foreign Relations; the Governing Board of the Park City Center for Public Policy; and the Board of the New America Foundation. She co-chairs Clean and Safe Energy (CASE).



Neville Williams

Founder of Standard Solar, is a solar energy pioneer who has promoted solar power applications worldwide since 1988. In 2004, Williams founded Standard Solar Inc. which sells and installs grid-tied residential and commercial solar-electric systems in the Washington D.C. metropolitan area. He served as chairman and CEO until 2008. Prior to this, Mr. Williams founded the Solar Electric Light Fund (SELF), a non-profit based in Washington D.C. which finances and facilitates solar rural electrification worldwide and specifically has implemented projects throughout Southeast Asia, Africa and South America. His interest in solar energy began during the Carter Administration when he served as a consultant to the U.S. Department of Energy. In his book *Chasing The Sun* Williams recounts his story of bringing solar energy to rural families in 11 countries in Asia and Africa.



John Woolard

President and CEO of BrightSource Energy, co-founded Silicon Energy and was President, CEO and Chairman of the Board before joining BrightSource. John joined the executive team at Itron, Inc. in 2003. Previously, he held positions with VantagePoint Venture Partner's CleanTech Group, Lawrence Berkeley National Labs, and Pacific Gas & Electric Company. John is a Crown Fellow at the Aspen Institute and served on the Board of the California Clean Energy Fund, the Tuolumne River Preservation Trust, and the Strategic Advisory Board for Xcel Energy. He currently serves on the Lester Center Advisory Board-Haas School of Business, U.C. Berkeley. John holds an MBA from the Haas School of Business at U.C. Berkeley, a Masters in Environmental Planning from the University of Virginia, and a B.A. in Economics from the University of Virginia.



Del Worley

CEO of Holy Cross Energy, has been in the electric industry for 30 years. Holy Cross, a distribution electric cooperative serves the Vail, Glenwood Springs and Aspen areas in West Central Colorado. He has a B.S. degree in Applied Mathematics and has a variety of utility experience

including information technology, modeling, rate making, power supply, finance and senior management. Del, along with the cooperative's consumer owners, is very interested in increasing Holy Cross Energy's renewable portfolio and promoting conservation and efficiency. His philosophy on renewables, conservation and efficiency, "*don't cite the reason why they can't work but rather find the way to make them work.*"



Christiana Wyly

Environmental Advocate & Partner at Satori Capital, offers a unique perspective as a twenty-something businesswoman which has landed her on the cover of Kiplinger's and inside *The New York Times*, *WIE Magazine*, *The Dallas Morning News*, *The Herald Tribune* and *Treehugger*.

com, among others. Satori Capital is an investment firm focused on sustainable investing, providing conscious capital and helping to grow the market for products and firms dedicated to a sustainable future. Wyly holds a Founders Circle position at FLOW, the organization co-founded by Whole Foods CEO John Mackey that promotes entrepreneurial initiatives focused on creating sustainable prosperity. Christiana inspired her father, Sam Wyly's, environmental education, which ultimately led him to found one of the largest clean-energy companies in the country, Green Mountain Energy.



Sam Wyly

Founder, Green Mountain Energy,

America's largest retail provider of cleaner energy to residential and commercial customers. The company's mission is to provide clean alternative power — a mission that now resonates with hundreds of thousands of customers nationwide. Part of that

mission is offering individual consumers the ability to offset the carbon footprint from their household's activities through BeGreen Carbon offsets, www.begreennow.com. Green Mountain Energy also plays an important role in environmental education, sponsoring workshops, lectures and lobbying reform aimed at preserving and protecting the world around us.

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Sally Ranney *Co-Director*
Kristen DeMay *Graphic Design*
Sue Winters *Website & Media Coordinator*
Lucy Emerson-Bell *Production Coordinator*
Tatyana Stevens *Production Assistant*
Barclay Lottimer *Production Manager*
Barry ZeVan *Media Consultant*
Jeanette Darnauer *Local and Regional PR*
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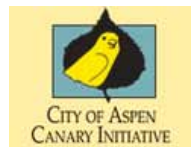


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