

A Global Energy Technology Strategy

To Address Climate Change



An International, Public/Private Collaboration

Being developed by: Battelle Pacific Northwest Laboratories, The Beijing Energy Research Institute, The British Petroleum Company, The Electric Power Research Institute, The U.S. Department of Energy, The Indian Institute of Management, The International Institute for Applied Systems Analysis, The Government of Japan, The Korean Energy Economics Institute, and The National Autonomous University of Mexico

August, 1997

YEAR 2000

Technology Strategy Document

We invite you to
participate in a
public and private sector
international partnership
to develop a global,
technology-based strategy
that will minimize
the cost of stabilizing
greenhouse gas
concentrations at an
environmentally
acceptable level.

For further information...

Contact

- **THE BATTELLE MEMORIAL INSTITUTE**

901 D Street SW
Suite 900
Washington, DC 20024

- **DR. JAE EDMONDS**

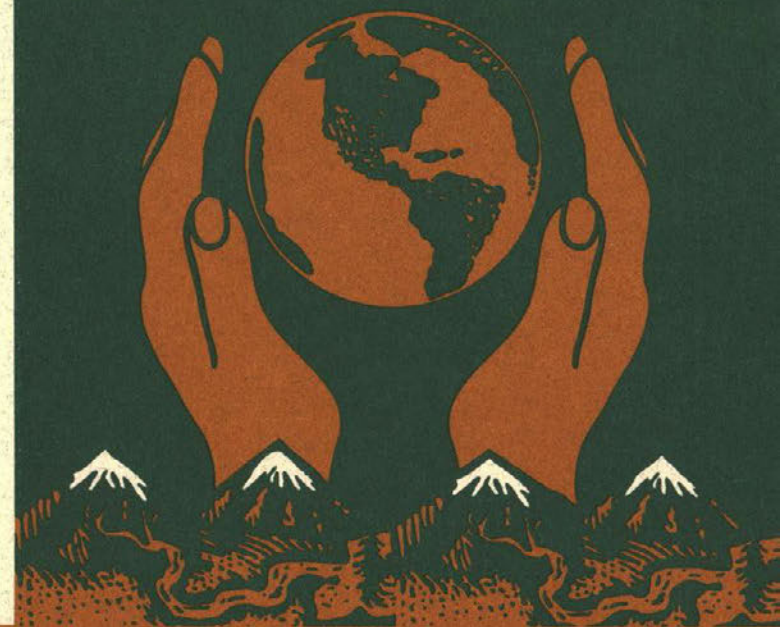
Chief Economist
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Associate Director
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Coping with Climate Change

A Global Technology Strategy



A Public-Private Sector Project
Seeking a Global Balance

A Joint Project of

- The Battelle
Memorial Institute
- The Electric Power
Research Institute
- British Petroleum
- International
Research Institutions
- Private Sector Firms
- Government Agencies
- Non-Governmental
Organizations

How

can the world limit climate change and maintain economic growth?

- Governments are now crafting policies to limit global climate change. These policies will eventually require a transformation of the world's energy system.
- Implementing these policies while maintaining economic development depends on having a global technology-based strategy to limit transition costs.

Why

do we need a project to create a technology-based strategy?

- Focusing on new science and technology can greatly reduce the cost of changing the way we use fossil energy.
- More integrated policies can provide the incentive, and allow the time, for new science, and technology development and deployment.
- All of the parties shaping the global response to climate change...public and private sector...can cooperate to craft a practical technology-based strategy.



The World's Goal Is...

“...stabilization of greenhouse gas concentrations in the atmosphere at a level that would prevent dangerous anthropogenic interference with the climate system.”

The Framework Convention on Climate Change

This project's contribution will be...
Crafting a technology-based greenhouse gas management strategy.

Needs Analysis

1997-1998

- **REGIONAL ENERGY PROJECTIONS...**
What are the realistic prospects for reducing energy intensity per unit of economic output?
- **CURRENT R&D TRENDS...**
How will current energy R&D affect carbon emissions?
- **GAP ANALYSES...**
What new science and technology are needed to meet alternative greenhouse gas concentrations goals?

Strategy Development

1998-1999

- **STRATEGY DEVELOPMENT...**
What R&D strategies would be economically efficient for meeting environmental goals?
- **TRANSITION ISSUES...**
How can new emission-limiting technologies penetrate the market in developing regions
- **IMPLEMENTATION ISSUES...**
How can the R&D strategy be adapted as new knowledge becomes available?

'97 SEP 4 PM 4:28

ALCALDE & FAY

GOVERNMENT & PUBLIC AFFAIRS CONSULTANTS

August 25, 1997

Mr. Todd Stern
Assistant to The President and Staff
Secretary
The White House
1600 Pennsylvania Avenue
Washington, DC 20500

Dear Mr. Stern:

The purpose of this letter is to invite you to provide a speech at a dinner on October 14, on the current status of the climate issue within the administration to a senior group of individuals from industry and other affected communities. The dinner will be held at the ANA Hotel at 24th and M Streets in Washington, DC.

The Pacific Northwest Laboratory is hosting a two day workshop to kick off a major project that will develop a technology strategy to address global climate change. Other major workshops are being held in Brussels in November and Asia in early 1998. The effort which is being led by the Pacific Northwest Laboratory (PNL) will focus on the needs of 10 country's and be conducted over a two year period. This project is proceeding with the view that the climate issue is a long-term issue and that technology must be a major component of any policy strategy that is ultimately developed to address greenhouse gas emissions in a cost-effective fashion. The speech provides you the opportunity to communicate the administration's message on technology and climate issues to a senior group from industry, and the environmental community.

The project will be conducted in two phases and is thoroughly described in the enclosed material. We believe that this project has the potential to make an important contribution to the climate issue. The Pacific Northwest Laboratory is a world renowned leader on the science, economic and technological aspects of global climate change. This years activity will focus on increasing the visibility of this project through outreach such as this and other workshops, finalizing the reasearch plan to guide the effort, establishing linkages with other international efforts addressing similar issues and initiating pilot studies. The group has also secured the participation of such CEO's as John Browne of British Petroleum, Linn Draper of American Electric Power, former Deputy Secretaries of Energy Charlie Curtis and Linda Stuntz, and other prominent individuals from the environmental community on an Advisory board. We are confident that other senior leaders will also agree to participate in the project. We believe that such high-level participation from the public and private sectors provides the unique opportunity to shape public and private thinking on the issue.

We hope that you will be able to join us on October 14th on this most important issue. Recognizing the demands on your calendar, we will certainly be flexible to accommodate your needs. We are confident that this is an excellent forum to communicate the Administration's views on this subject and thank you in advance for your consideration of this request. In the meantime, if you have any questions do not hesitate to contact me at (703) 516-4139.

Sincerely,



Richard H. Rosenzweig



White House Climate Change Task Force

734 Jackson Place, N.W. • Washington, DC 20503

FAX

To:

Todd Stern

Organization/Title:

Fax:

Phone:

Pages (including cover):

Date:

From:

Steve Seidl

Phone:

Message:

Surrogates list

NEED

- STATE BY STATE
- FORMER Gov. Officials
- calls to all

op-eds

NOTE TO TODD STERN

RE: Draft Surrogates List

Attached is a first cut at a list of possible surrogates.

Along with the list of possible surrogates, it might be useful for our coordinator to have a list of contacts within the Administration to discuss who from this list might be most appropriate. The following is a start at such a list:

Physical science and impacts: Rosina Bierbaum, OSTP
Economics/competitiveness: Peter Orzag, NEC; Jeffrey Hunker, Commerce; Janet Yellin, CEA
Technology: Dan Reicher, DOE; Henry Kelly, OSTP
International Issues: Rafe Pomerance, State; David Sandalow, CEQ/NSC

Steve Seidel

DRAFT 7/30

POSSIBLE SURROGATES ON CLIMATE CHANGE

1 -Experience includes testifying, op-eds, etc.

2 - Could assist in identifying and working with surrogates

I. PHYSICAL SCIENTISTS

Name	Title/Affiliation	Background	Phone #	Fax #
Wallace Broecker ¹	Lamont-Doherty Lab, Columbia University, New York	Basic climate science; climate surprises (sudden changes)	714/365- 8413	714/365- 8163
Stephen Schneider ¹	Stanford University, California	Basic climate science; participant in President's briefing	415/725- 9978	415/725- 2592
Robert Watson ¹	Senior Advisor, World Bank, Chair --IPCC Third Assessment; ex-Associate Dir. For Environment, OSTP, Wash. D.C.	Climate science, impacts, and mitigation	202/473- 1755	473-0565
Michael Oppenheimer ¹	Environmental Defense Fund, New York	Climate science and impacts	212/505- 2100	212/505- 2375
Eric Barron ¹	Penn State University College Park, Pa.	Basic climate science, regional impacts, and climate models	814/865- 1619	
Dan Albritton ¹	Director, Aeronomy Lab, NOAA/Commerce, Boulder Co.	Basic climate science	303/497- 5785	303/497- 5340
Jerry Mahlman ¹	Director, GFDL, NOAA/Commerce, Princeton, NJ	Basic climate science; climate models	609/452- 6502	609/987- 5070
Tom Karl ¹	Senior Scientist, National Climate Data Center, NOAA/Commerce, Ashville, NC	Historic trends in temperature and precipitation, extreme events	704/271- 4319	704/271- 4328
Kevin Trenberth ¹	National Center for Atmospheric Research, Boulder, Co.	Basic climate science; climate trends	497-1318	497-1314
James Hansen ¹	Director, Goddard Institute for Space Studies/NASA, New York, NY	Basic climate science; climate models	212/678- 5500	212/678- 5622

For Hansen


Michael McCracken	Global Change Research Program, Washington D.C	Basic climate science; answers to common misperceptions	202/358-1837	202/358-4103
Sherry Rowland ¹	U. Of California, Irvine	Basic climate science; participant in President's briefing; Nobel winner	714/824-6016	714/824-2905
Mario Molina	MIT	Basic climate science; participant in President's briefing; Nobel winner	617/253-5081	617/253-8298
Warren Washington	National Center for Atmospheric Research, Boulder, CO	Basic climate science, climate modeler	497-1321	497-1314
Richard Somerville	Scripps Oceanographic Institute, San Diego, CA		619/534-4644	619/534-8561
Alan Robock	U. Of Maryland	Basic climate science	301/405-5377	301/314-9482
John Firor	National Center for Atmospheric Research, Boulder, CO	Basic climate science	497-8104	4497-8709
John Townsend	Chair, UNEP/IOC/WMO/ICSU Global Climate Observing System. U. Of Maryland	Climate change in general, Forests, observations of climate	301/405-4050	301/314-9294
Berrien Moore III	Director, Institute for the Study of Earth, Oceans, and Space. U. Of New Hampshire	Climate change, relation of physical climate and biosphere	603/862-1766	603/862-1915
Alan Robock	Dep. Of Meteorology. U. Of Maryland	Climate change, modeling	301/405-5377	301/314-9482

II. IMPACTS ON AGRICULTURE, NATURAL ECOSYSTEMS, WATER RESOURCES, AND FORESTRY

A. Human Health Impacts

Name	Title/Affiliation	Background	Phone #	Fax #
Eric Chivian ¹	Harvard Medical School	Spread of infectious disease	617/738-9443	617/734-8822
Paul Epstein ¹	Harvard Medical School	Spread of infectious disease; impacts of coastal algae on fish and pests on agriculture	617/731-3167	617/432-2595

Lawrence Kalkstein ¹	U. Of Delaware	Impacts of heat stress on mortality		
Robert Shope	U. Of Texas	Impacts of infectious diseases; participated in President's briefing		
Rita Colwell	U. Of Maryland	Infectious diseases		
Jonathan Patz ¹	Johns Hopkins U.	Spread of infectious diseases		

B. Impacts on Agriculture

Name	Title/Affiliation	Background	Phone #	Fax #
Stan Chagnon ¹	Illinois Water Survey Chief - Emeritus	Agriculture & water resources		
Ron Neilson	Oregon State University	Forestry and water resources		
Jerry North ¹	Texas A & M	Climate impacts on Texas		
Steven Hamburg ¹	Brown University	Forestry and wildlife		
Jane Lubchenco ¹	Oregon State; past president AAAS; organizer of scientists letter	Impacts on ecosystems, biodiversity, forests		
Adam Markham ¹	World Wildlife Fund	Impacts on National Parks, wildlife		
Cynthia Rosenzweig ¹	Goddard Institute for Space Studies/NASA, New York	Impacts on agriculture		
Peter Raven	Director of the Missouri Botanical Garden; Home Sec. Of The National Academy of Sciences	Impacts on ecosystems; biodiversity	314/577-5111	314/577-9595
Don White	Director, International Drought Information Center, U. Of Nebraska	Drought	402/472-6707	402/472-6614
Walter Oechel	Dept. Of Biology, San Diego St. University	Arctic ecosystems	619/594-4818	619/594-7831
Jerry Franklin	College of Forest Resources U. Of Washington	Forests	206/543-2730	

Herman Shugart	W.W. Corcoran Professor of Environmental Sciences and Chairman, Dept. Of Environmental Sciences U. Of Virginia	Forests	804/924-7642	804/982-2137
Helen Ingram	Director, Udall Studies in Public Policy, U. Of Arizona	Water	520/521-7189	520/621-9234
Diana Liverman	Director, Latin America Area Center, U. Of Arizona	Human dimensions of climate change	520/626-7242	
William C. Clark	JFK School of Gov't Harvard University	Assesing climate change, human dimensions	617/495-3981	617/495-8963
Michael H. Glantz	Program Director, Environmental and Societal Impacts Group, National Center for Atmospheric Research, Boulder, CO	Societal impacts	303/497-8119	303/497-8125
Pamela Matson	U. Of California	Ecological impacts		
Peter Vitousek	Stanford University	Ecological impacts	415/725-1866	
Virginia Van Sickle-Burkett	Branch Chief of Wetlands Ecology, U.S. Fish and Wildlife Service	Wetlands	318/266-8637	318/231-7510
Richard Adams	Professor of Resource Economics, Oregon State University	Agriculture	503/737-1435	503/737-2563
Bill Easterling	Penn State University	Agriculture	814/865-3433	
George Woodwell	Director, Woods Hole Reacarch Center, Mass.			

C. Sea level Rise

Name	Title/Affiliation	Background	Phone #	Fax #
Stephen Leatherman	U. Of Miami	coastal impacts on Chesapeake, east coast		

D. Insurance Industry

Name	Title/Affiliation	Background	Phone #	Fax #
Bill Nelson ¹	Florida State Insurance Commissioner			

Frank Nutter ¹	Executive Director, Reinsurance Industry Association		202/638- 3690	202/638- 0936
Kaj Ahlman ¹	CEO, Employers Reinsurance Corp.	Only U.S. insurance company to sign UNEP Initiative		
Evan Mills	Lawrence Berkeley Labs/DOE	Energy efficiency and reduced insurance risk	510/486- 6784	510/486- 5394

III. ECONOMISTS

Name	Title/Affiliation	Background	Phone #	Fax #
Robert Repetto ¹	Senior Economist, World Resource Institute	authorized report explaining economic models related to climate		
Stephen DeCanio ¹	U. Of California, Santa Barbara	organized economists letter; staff at CEA during Reagan Administration	805/893- 3130	
Paul Krugman ¹	Stanford University	original signor of economists letter		
Peggy Duxbury ²	Program Manager, Redefining Progress	organization sponsored economists letter	202/588- 8900	
Joseph Stiglitz ¹	Chief Economists, World Bank, ex-chair CEA	involved in economics section of IPCC		
Richard Sander ¹	President, Centre Financial	emissions trading of sulfur and carbon dioxide		
Dan Dudek ¹	Environmental Defense Fund	Emissions trading proponent	203/938- 3392	203/938- 4172
John Palmisano ¹	Enron Corp.	proponent of emissions trading		
Jac Edmonds ¹	Batelle Labs	Economic modeler; focus on trading and technology issues		
Ev Ehrlich ¹	President, ESC Company	Ex-Under secretary of Commerce; directed Administration's economic analysis	347-3200	
Robert Solow	MIT, Cambridge MA	Nobel winner and original signer of economists letter		
Paul Portney	Resources for the Future, Washington, D.C.	Resource economists		

Roger Dower ¹	Ex-WRI and CBO economists, Sycom Enterprises; Washington, D.C.	Energy economist	625-4118	625-1067
Bill Moornaw	Tufts University, Ex-WRI policy director			
Irving Mintzer	Ex-WRI and Center for Global Change; Washington D.C.		301/587-8714	
Alan Blinder	Princeton University, NJ Ex-member CEA			

IV. PRIVATE SECTOR, TECHNOLOGY, AND EXPERT OPPORTUNITIES

Name	Title/Affiliation	Background	Phone #	Fax #
Terry Thorne ¹	Senior Vice President, Enron Corp. Houston, TX.	International energy markets, alternatives	713/853-3071	713/646-4831
Bruce McCrodden ¹	Vice President, British Petroleum, Ohio	BP's leadership calling for action now	212/207-6703	212/207-6755
Ken Karas	President, Zond Corp.	Wind Energy	703/351-5288	703/525-8841
Roger Sant	AES Corp.	Energy in developing countries; joint implementation	703/522-1315	703/276-6758
Bud Cherry	Oxbow Corp.	Geothermal and other power in Florida	407/697-4300	407/640-8847
Glen Scovlatt	Honeywell Corp.	Potential for energy efficiency	612/951-0050	612/951-0110
Jim Wolfe	Vice President, United Technologies; Washington D.C.	Potential for energy efficiency technologies		
David Nemtsov ^{1,2}	Executive Director, Alliance to Save Energy; Washington D.C.	Potential for energy efficiency	202/857-0666	202/331-9588
Michael Marvin ²	Executive Director, Business Council for Sustainable Energy; Washington D.C.	Trade association of industries marketing efficient technologies; help line up industry	202/785-0507	202/785-0514
Daniel Lashoff	Senior Scientist, NRDC Washington D.C.	Climate specialist, co-authored NGO study, Energy Innovations	202/289-2399	202/289-1060

John Holdren ¹	Harvard University Cambridge, MA	Participated in President's briefing; chair of PCAST review of DOE's energy R & D	617/495- 1464	
Robert Stempel	CEO, Energy Conversion Devices	Ex-CEO, GM		
Alden Meyer	Union of Concerned Scientists			
Harvey Forest	Solarix, Frederick, MD	PV manufacturer		
James Key	Johnson Controls	Go thru Doug Decker		
Jared Blum ^{1,2}	Insulation Manufacturers Association	Big picture as well		
Tom Dreissen	EPS	Energy service companies overseas		
Scott Sklar ^{1,2}	Solare Energy Industries Association, Washington, D.C.		383-2611	383-2670
Mark Spurr	District Heating Industry Association		612/227- 8452	612/292- 0014
Amory Lovins ¹	Director, Rocky Mountains Institute	Energy efficiency/business opportunities	970/927- 3851	970/927- 4178
Joseph Romm ¹	Acting Ass't Sec., Energy Efficiency and Renewable/DOE		586-9220	586-9260

V. MISCELLANEOUS

Name	Title/Affiliation	Background	Phone #	Fax #
Karl Rabago	Environmental Defense Fund, Texas	Former DOE official		
Susan Tierney	Consultant, former Ass't Sec at DOE, Boston, Ma		617/491- 4900	
William Ruckelshaus	CEO, BFI Industries			
William Reilly	Former EPA Administrator			
Eileen Claussen	Alcalde and Fay, former State Dept. And NSC, Washington, D.C.		703/841- 0626	703/243- 2874
Maxine Savitch	Allied Signal, former DOE official			

Henry Kendall	Founder, Union of Connecticut scientists	Participated in President's briefing		
Roy Romer	Former Governor of CO			
James Florio	Former Gov. Of New Jersey			
Robert Shinn	Commissioner, NJ Dept of Environmental Protection	Chair of ECOs task force on climate		
Charles Curtis	Former Deputy Secretary of DOE			
Jim Cooper	Former Sen. From Tennessee		615/780-4100	615/780-9420
Phil Sharp	Chair of House energy power subcommittee; Director, Harvard Kennedy School Institute for Politics	Former Rep. From Indiana		
Susan Savage	Mayor of Tulsa, member of PCSD		918/596-2100	918/596-9010
Dennis Knobloch	Former Mayor of Valmeyer, IL	Town wiped out by flood in '94 and rebuilt		

VP
CLL, after

Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
NE						
1	Henry Kendall	Founder and Chairman, Union of Concerned Scientists	Participated in President's briefing; Nobel Laureate; Former Science Advisor(?)			(PR)
1	Mario Molina	MIT	Basic climate science; participant in President's briefing; Nobel winner	617/253- 5081 (MA)	617/ 253- 8298	(RB)
1	Berrien Moore III	Director, Institute for the Study of Earth, Oceans, and Space. U. Of New Hampshire	Climate change, relation of physical climate and biosphere	603/862- 1766 (NH)	603/ 862- 1915	(RB)
NY/NJ						
2	James Hansen 1	Director, Goddard Institute for Space Studies/NASA, New York, NY	Basic climate science; climate models	212/678- 5500 (NY)	212/ 678- 5622	(RB)
2	Jerry Mahlman 1	Director, GFDL, NOAA/Commerce, Princeton, NJ	Basic climate science; climate models	609/452- 6502 (NJ)	609/ 987- 5070	(RB)
2	Michael Oppenheimer 1	Environmental Defense Fund, New York	Climate science and impacts	212/505- 2100 (NY)	212/ 505- 2375	(RB)
Mid-Atl						
3	Eric Barron 1	Penn State University College Park, Pa.	Basic climate science, regional impacts, and climate models	814/865- 1619 (PA)	814/ 865- 3191	(RB)
3	Michael McCracken 1,2	Global Change Research Program, Washington D.C	Basic climate science; answers to common misperceptions	202/358- 1837 (DC)	202/ 358- 4103	(RB)
3	Alan Robock	Dep. Of Meteorolgy, U. Of Maryland	Climate change, modeling	301/405- 5377 (MD)	301/ 314- 9482	(RB)
3	John Townsend	Chair, UNEP/IOC/WMO/ICSU Global Climate Observing System. U. Of Maryland	Climate change in general, Forests, observations of climate	301/405- 4050 (MD)	301/ 314- 9294	(RB)
3	Robert Watson 1	Senior Advisor, World Bank, Chair --IPCC Third Assessment; ex-Associate Dir. For Environment, OSTP, Wash. D.C.	Climate science, impacts, and mitigation	202/473- 1755 (DC)	202/ 473- 0565	(RB)
SE						
4	Tom Karl 1	Senior Scientist, National Climate Data Center, NOAA/Commerce, Ashville, NC	Historic trends in temperature and precipitation, extreme events	704/271- 4319 (NC)	704/ 271- 4328	(RB)

4	Ronald H. Pulliam	U of Georgia	DOI; Former National Biological Survey Director	706/542-6010 (GA)	706/542-6040	(RB)
S. Central						
6	Gerald North 1	Texas A & M	Climate impacts on Texas	409/845-7671 (TX)	409/862-4466 (or 4132)	YES (TP)
Mtn/UMW						
8	Dan Albritton 1	Director, Aeronomy Lab, NOAA/Commerce, Boulder Co.	Basic climate science	303/497-5785 (CO)	303/497-5340	(RB)
8	John Firor	National Center for Atmospheric Research, Boulder, CO	Basic climate science	303/497-8104 (CO)	303/497-8709	(RB)
8	Kevin Trenberth 1	National Center for Atmospheric Research, Boulder, Co.	Basic climate science; climate trends	303/497-1318 (CO)	303/497-1314	(RB)
8	Warren Washington	National Center for Atmospheric Research, Boulder, CO	Basic climate science, climate modeler	303/497-1321 (CO)	303/497-1314	(RB)
SW						
9	Sherry Rowland 1	U. Of California, Irvine	Basic climate science; participant in President's briefing; Nobel winner	714/824-6016 (CA)	714/824-2905	(RB)
9	Stephen Schneider 1	Stanford University, California	Basic climate science; participant in President's briefing	415/725-9978 (CA)	415/725-2592	(RB)
NW						
10	Gordon Orians	Ecologist, U of Washington	DOI	206/543-1658 (WA)	206/543-3041	(RB)
10	Paul Risser	Oregon State U.	DOI; Former President of Ecological Society of America; Former professor of botany at Miami U. Internationally known botanist, research focusing on grassland and forest ecosystems, landscape ecology, global change, & environmental planning & management	541/346-3111 (main campus number--didn't have "Risser" listed) (OR)		(RB)
Uncertain						
?	Wallace Broecker 1	Lamont-Doherty Lab, Columbia University, New York	Basic climate science; climate surprises (sudden changes)	714/365-8413 (CA???)	714/365-8163	(RB)

Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
NE						
1	Eric Chivian 1	Harvard Medical School	Spread of infectious disease	617/ 738-9443 or 617/ 432-0493 or 617/ 253-9872 (MA)	617/ 734-8822 or 617/ 432-2595	YES (EL)
1	Paul Epstein 1	Harvard Medical School	Spread of infectious disease; impacts of coastal algae on fish and pests on	617/432-0493 (MA)	617/ 432-2595	YES (EL)
Mid-Atl						
3	Rita Colwell	U. Of Maryland	Infectious diseases	301/403-0501 (MA)	301/ 454-8123	YES (TP)
3	Lawrence Kalkstein 1	U. Of Delaware	Impacts of heat stress on mortality	302/831-8269 (DE)	302/ 831-6654	YES (TP)
3	Jonathan Patz 1	Johns Hopkins U.	Spread of infectious diseases	410/955-4130 (MD)	410/ 955-1811	out until 8/15
S. Central						
6	Robert Shope (go through Tom Curtis*, U.	U. Of Texas	Impacts of infectious diseases; participated in President's briefing	409/772-6546 (409/772-		YES (TP)
Mtn/UMW						
8	Duane Gubler	Center for Disease Control, Fort Collins		970/221-6428 (CO)		out until 8/13
SW						
9	William Reeves	UC Berkeley; Dean, School of Public Health		510/642-3938 (CA)		voice mail full

Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
NE						
1	William C. Clark	JFK School of Gov't Harvard University	Assessing climate change, human dimensions	617/495- 3981 (MA)	617/ 495- 8963	(TP)
1	Steven Hamburg 1	Brown University	Forestry and wildlife	401/863- 3449 (RI)		left msg
1	George Woodwell	Director, Woods Hole Research Center, Mass.		508/540- 9900 (MA)	508/ 540- 9700	(TP)
NY/NJ						
2	Cynthia Rosenzweig1	Goddard Institute for Space Studies/NASA, New York	Impacts on agriculture	212/678- 5562 (NY)		YES (TP)
Mid-Atl						
3	Bill Easterling	Penn State University	Agriculture	814/865- 3433 (PA)		(TP)
3	Adam Markham 1	World Wildlife Fund	Impacts on National Parks, wildlife	202/293- 4800x382		(TP)
3	Herman Shugart	W.W. Corcoran Professor of Environmental Sciences and Chairman, Dept. Of	Forests	804/924- 7642 (VA)	804/ 982- 2137	left msg (TP)
SE						
4	Norm Christianson	Dean, Nicholas School of Environment (Duke U.)	DOI	919/613- 8000 (NC)	919/ 684- 8741	(TP)
Ind. MW						
5	Stan Chanson 1	Illinois Water Survey Chief Emeritus	Agriculture & water resources	217/586- 5691 (IL)	217/ 586- 5691	YES (TP)
S. Central						
6	Ken Bowman	Texas A & M	Meteorology	409/862- 4060 (TX)		(TP)
6	Tom Crowley	Texas A & M	Paleoclimatology	409/845- 0795 (TX)		YES (TP)
6	Virginia Van Sickle- Burkett	Branch Chief of Wetlands Ecology, U.S. Fish and Wildlife Service	Wetlands	318/266- 8637 (LA)	318/ 231- 7510	(TP)
Ag. MW						

7	Peter Raven	Director of the Missouri Botanical Garden; Home Sec. Of The National Academy of Sciences	DOI; Impacts on ecosystems; biodiversity	314/577-5111 (MO)	314/577-9595	left msg (TP)
7	Don Wilhite	Director, International Drought Information Center, U. Of Nebraska	Drought	402/472-4270 (NE)	402/472-6614	YES (TP)
Mtm/UMW						
8	Michael H. Glantz	Program Director, Environmental and Societal Impacts Group, National Center for Atmospheric Research, Boulder, CO	Societal impacts	303/497-8119 (CO)	303/497-8125	(TP)
SW						
9	Helen Ingram	Director, Udall Studies in Public Policy, U. Of Arizona	Water	520/521-7189 (AZ)	520/621-9234	(TP)
9	Diana Liverman	Director, Latin America Area Center, U. Of Arizona	Human dimensions of climate change	520/626-7242 (AZ)	520/626-7248	(TP)
9	Pamela Matson	U. Of California	Ecological impacts			(TP)
9	Walter Oechel	Dept. Of Biology, San Diego St. University	Arctic ecosystems	619/594-4818 (CA)	619/594-7831	left msg (TP)
9	Peter Vitousek	Stanford University	Ecological impacts	415/725-1866 (CA)	650/725-1856	(TP)
NW						
10	Richard Adams	Professor of Resource Economics, Oregon State University	Agriculture	503/737-1435 (OR)	503/737-2563	(TP)
10	Jerry Franklin	College of Forest Resources U. Of Washington	Forests	206/543-2730 (WA)	206/685-0790	(TP)
10	Jane Lubchenco 1	Oregon State; past president AAAS; organizer of scientists letter	DOI; Impacts on ecosystems, biodiversity, forests	541/737-5337 (OR)		left msg (TP)
10	Ron Neilson	Oregon State University	Forestry and water resources			left msg (TP)

Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
SE						
41	Stephen Leatherman	U. Of Miami	coastal impacts on Chesapeake, east coast	305/ (FL)	305/	(TP)

Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
Mid-Atl						
3	Frank Nutter 1	Executive Director, Reinsurance Industry Association		202/638- 3690 (DC)	202/ 638- 0936	(DF)
SE						
4	Bill Nelson 1	Florida State Insurance Commissioner		(FL)		(JG)
Uncertain						
?	Kaj Ahlman 1	CEO, Employers Reinsurance Corp.	Only U.S. insurance company to sign UNEP			(DF)
?	Frank Wisner	AIG	Former Ambassador to India			(DF)

Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
NE						
1	Dan Dudek 1	Environmental Defense Fund	Emissions trading proponent	203/938-3392 (CT)	203/938-4172	YES (JG)
1	A. Myrick Freeman III	Bowdoin College	Economists' Statement; Air pollution benefits through the CAACC	(ME)		
1	Paul Krugman 1	MIT	original signor of Economists' Statement (?NOT LISTED ON STATEMENT)	617/253-1551 (MA)	617/253-4096	left msg (JG)
1	Bill Moomaw	Tufts University	Former WRI policy director	617/628-5000 x2732		left msg (JG)
1	Richard Schmalensee	MIT	economic benefits of action	617/253-2957 (MA)	617/258-6617	YES (JG)
1	Robert Solow	MIT, Cambridge MA	Nobel Laureate; Economists' Statement	617/253-5268 (MA)	617/253-0560	YES (JG)
1	Robert Stavins	Harvard University, Kennedy School of Government	Economists' Statement; market-based approaches, likes taxes	617/495-1820 (MA)	617/495-1635	
1	Robert Evenson	Yale University	CEA, Economists' Statement	(CT)		
1	James K Hammett	Harvard University	CEA, Economists' Statement	(MA)		
1	Paul Schultz	Yale University	CEA, Economists' Statement	(CT)		
1	W. Kip Viscusi	Harvard Law School	CEA, Economists' Statement; cost-benefit analyses	(MA)		
1	Gary Yohe	Wesleyan University	CEA, Economists' Statement; student of Nordhaus	(CT)		
NY/NJ						
2	William J. Baumol	New York University	Economists' Statement	(NY)		
2	Alan Blinder	Princeton University, NJ Ex-member CEA		609/258-3358 (NJ)		YES (JG)
Mid-Atl						
3	Maureen Cropper	U of Maryland; Chair of Clean Air Act Compliance Analysis Council	Economists' Statement	(MD)		
3	Peggy Duxbury 2	Program Manager, Redefining Progress	organization sponsored Economists' Statement	202/588-8900 (DC)	202/588-9711	(JG)

3	Ev Ehrlich 1	President, ESC Company	Ex-Under secretary of Commerce; directed Administration's economic analysis	202/347-3200 (DC)	202/347-4334	YES (JG)
3	Irving Mintzer	Ex-WRI and Center for Global Change; Washington D.C.		301/587-8714 (MD)		YES (JG)
3	Paul Portney	President, Resources for the Future, Washington, D.C.	Resource economist	202/328-5103 (DC)	202/939-3460	YES (JG)
3	Robert Repetto 1	Senior Economist, World Resource Institute	Economists' Statement; authorized report explaining economic models related to climate	202/638-6300 (DC)	202/638-0036	YES (?) (JG)
3	Mike Toman	Head of Climate, Economics, and Policy Program, Resources for the Future		202/328-5091 (DC)		YES (JG)
SE						
4	Philip J. Cook	Duke University	CEA, Economists' Statement	(NC)		
Ind. MW						
5	Richard Sandor 1	President, Centre Financial; Vice chair, Chicago Board of Trade	emissions trading of sulfur and carbon dioxide	(IL)		YES (JG, DF)
5	Paul N. Courant	U of Michigan	CEA, Economists' Statement	(MI)		
5	Terry L. Roe	U of Minnesota	CEA, Economists' Statement; resources, agriculture, water	(MN)		
5	Vernon W. Ruttan	U of Minnesota	CEA, Economists' Statement; agriculture	(MN)		
Ag. MW						
7	John A. Miranowski	Iowa State University	CEA, Economists' Statement; former USDA official	(IA)		
SW						
9	Kenneth Arrow	Stanford University	Nobel Laureate; Economists' Statement	415/723-9165 (CA)		YES (JG)
9	Stephen DeCanio 1	UC Santa Barbara	organized Economists' Statement; staff at CEA during Reagan Admin.	805/893-3130 (CA)	805/893-8830	YES (JG)
9	Richard B. Norgaard	UC Berkeley	Economists' Statement	(CA)		
9	Trudy Ann Cameron	UCLA	CEA, Economists' Statement	(CA)		
9	Robert T. Deacon	UC Santa Barbara	CEA, Economists' Statement	(CA)		

9	Anthony Fisher	UC Berkeley	CEA, Economists' Statement	(CA)		
9	Jack Hirshleifer	UCLA	CEA, Economists' Statement	(CA)		
9	Gordon Rausser	UC Berkeley	CEA, Economists' Statement; econometrics	(CA)		
NW						
10	Gardner Brown	U of Washington	Economists' Statement; biodiversity, endangered species	(WA)		
10	Emery N. Castle	Oregon State University	CEA, Economists' Statement	(OR)		
Uncertain						
?	Dallas Burtraw	Resources for the Future	Economists' Statement; emissions trading, market mechanisms			
?	Paul Faeth	World Resources Institute	Economists' Statement			
?	John Palmisano 1	Enron Corp.	proponent of emissions trading			in Bonn (JG)
?	Joseph Stiglitz	Chief Economist, World Bank	Ex-chair of CEA; involved in economics section of IPCC; emissions trading, JI			

Business Technology

Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
NE						
1	John Holdren 1	Harvard University Cambridge, MA	Participated in President's briefing; chair of PCAST review of DOE's energy R & D	617/495- 1464 (MA)	617/ 495- 8963	left msg (JG)
NY/NJ						
2 or 3	Jim Wolfe	Vice President, American Standard/Trane, New York- based company	Potential for energy efficiency technologies	703/525- 4016 (NY/VA)		left msg (JG)
2 or 5	Bruce McCrodden 1 (Go through Communications, Tom Koch*)	Vice President, British Petroleum, Ohio	BP's leadership calling for action now	212/207- 6703 (*6709) (OH/NY)	212/ 207- 6755	YES (JG)
Mid-Atl						
3	Jared Blum 1,2	Polyisocyanurate Insulation Manufacturers Association (PIMA)	Big picture	202/624- 2709 (DC)		YES (JG)
3	Roger Dower 1	Sycom Enterprises (energy efficiency service company); Washington, D.C.	Energy economist; Ex- WRI and CBO economist	202/625- 4118 (DC)	202/ 625- 1067	YES (JG)
3	Harvey Forest	President/CEO, Solarex, Frederick, MD	PV manufacturer; can talk about technology, but not policy because partly owned by AMOCO	301/698- 4200 (MD)	301/ 698- 4201	YES (JG)
3	Howard Geller	American Council for an Energy Efficient Economy		202/429- 8873 (DC)	202/ 429- 2248	YES (JG)
3	Michael Marvin 1, 2	Executive Director, Business Council for Sustainable Energy; Washington D.C.	Trade association of industries marketing efficient technologies; help line up industry	202/785- 0507 (DC)	202/ 785- 0514	YES (JG)
3	David Nemtzw 1,2	Executive Director, Alliance to Save Energy; Washington D.C.	Potential for energy efficiency	202/857- 0666 (DC)	202/ 331- 9588	left msg (JG)
3	Roger Sant	AES Corp.; Chairman, World Wildlife Fund	Energy in developing countries; joint implementation	703/522- 1315 (VA)	703/ 276- 6758	left msg (DF)
3	Scott Sklar 1,2	Solar Energy Industries Association, Washington, D.C.	Long-term renewables industry leader	202/383- 2611 (DC)	202/ 383- 2670	YES (JG)
3	Mark Stanga	Vice President, York International (Pennsylvania- based company)		703/415- 0020 (PA/VA)		YES (JG)
SE						

Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
NE						
1	John Holdren 1	Harvard University Cambridge, MA	Participated in President's briefing; chair of PCAST review of DOE's energy R & D	617/495- 1464 (MA)	617/ 495- 8963	left msg (JG)
NY/NJ						
2 or 3	Jim Wolfe	Vice President, American Standard/Trane, New York- based company	Potential for energy efficiency technologies	703/525- 4016 (NY/VA)		left msg (JG)
2 or 5	Bruce McCrodden 1 (Go through Communications, Tom Koch*)	Vice President, British Petroleum, Ohio	BP's leadership calling for action now	212/207- 6703 (*6709) (OH/NY)	212/ 207- 6755	YES (JG)
Mid-Atl						
3	Jared Blum 1,2	Polyisocyanurate Insulation Manufacturers Association (PIMA)	Big picture	202/624- 2709 (DC)		YES (JG)
3	Roger Dower 1	Sycom Enterprises (energy efficiency service company); Washington, D.C.	Energy economist; Ex- WRI and CBO economist	202/625- 4118 (DC)	202/ 625- 1067	YES (JG)
3	Harvey Forest	President/CEO, Solarex, Frederick, MD	PV manufacturer; can talk about technology, but not policy because partly owned by AMOCO	301/698- 4200 (MD)	301/ 698- 4201	YES (JG)
3	Howard Geller	American Council for an Energy Efficient Economy		202/429- 8873 (DC)	202/ 429- 2248	YES (JG)
3	Michael Marvin 1, 2	Executive Director, Business Council for Sustainable Energy; Washington D.C.	Trade association of industries marketing efficient technologies; help line up industry	202/785- 0507 (DC)	202/ 785- 0514	YES (JG)
3	David Nemtzw 1,2	Executive Director, Alliance to Save Energy; Washington D.C.	Potential for energy efficiency	202/857- 0666 (DC)	202/ 331- 9588	left msg (JG)
3	Roger Sant	AES Corp.; Chairman, World Wildlife Fund	Energy in developing countries; joint implementation	703/522- 1315 (VA)	703/ 276- 6758	left msg (DF)
3	Scott Sklar 1,2	Solar Energy Industries Association, Washington, D.C.	Long-term renewables industry leader	202/383- 2611 (DC)	202/ 383- 2670	YES (JG)
3	Mark Stanga	Vice President, York International (Pennsylvania- based company)		703/415- 0020 (PA/VA)		YES (JG)
SE						

Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
NE						
1	George Mitchell		Former ME Senator, Majority Leader	(ME)		??? (JG/DF)
1	Phil Sharp	Director, Harvard Kennedy School Institute for Politics; Harvard University, Massachusetts	Former Chair of House energy and power subcommittee (D- IN)	617/496-6335 (MA)		left msg (JG)
1	Susan Tierney	Consultant, Boston, Ma	Former Ass't Sec at DOE, Former Massachusetts Energy; Former Environmental Commissioner	617/491-4900 (MA)	617/576-3524	(PR)
NY/NJ						
2	James Florio	Law firm	Former Gov of New Jersey	(NJ???)		YES (DF)
2	Tom Kean	President of Drew U	Former Governor of New Jersey	201/408-3100 (NJ)		(PR)
2	Robert Shinn	Commissioner, NJ Dept of Environmental Protection	Chair of ECOs task force on climate	(NJ)		(PR)
Mid-Atl						
3	Curtis Bohlen	Consultant	Former Assistant Secretary, State Department	(D.C.)		??? (JG/DF)
3	Eileen Claussen	Alcalde and Fay, Washington, D.C.	Former State Dept., NSC, and EPA	703/841-0626 (VA)	703/243-2874	YES (JG)
3	Charles Curtis	Partner, Hogan and Hartson	Former Deputy Secretary of DOE	202/637-6815 (DC)		NO (JG)
3	Mike Deland	CEO of Flywheel Technologies Inc.	DOI; Former Chair of CEQ; policy	202/789-6100 (DC)	202/789-6190	
3	Hazel O'Leary	Chair, Keystone Energy Board	Former Secretary of Energy	(DC)		YES (DF)
3	Russell Train	Chairman Emeritus, Board of Directors, World Wildlife Fund	Former (First) Chair of CEQ; general environmental info	202/778-9512 (DC)		
SE						
4	Jim Cooper	Investment Banker; Member of Board, Center for Clean Air Policy	Former Rep. TN	615/780-4100 (TN)	615/780-9420	(DF)
Ind. MW						
5	Celeste		Former Governor of Ohio			
5	Tony Earl	Chairman of the Board, Center for Clean Air Policy	Former Governor of Wisconsin	608/283-2476 (WI)		YES (JG)

5	Dennis Knobloch		Former Mayor of Valmeyer, IL (town wiped out by flood in '94 and rebuilt)	(IL???)		(PR)
5	Howard Metzenbaum		Former Sen Ohio	(OH???)		??? (JG/ DF)
5	Gaylord Nelson	Founder of Earth Day	Former WI Senator,	(WI)		??? (JG/ DF)
S. Central						
6	Bennett Johnston		Former Sen of Louisiana, Chair of Senate Energy Cte	(LA???)		??? (JG/ DF)
6	Karl Rabago	Environmental Defense Fund, Texas	Former DOE official in Renewable Energy; Former Texas Energy Comm. (Talk on RE)	(TX)		YES (LM)
6	Bill White		Former Deputy Sec, DOE	(TX)		??? (JG)
Mtn/UMW						
8	Claudine Schneider		Former RI Rep (R)			
SW						
9	William Reilly	Visiting Professor, Institute of International Studies, Stanford U; Board of Directors, World Wildlife Fund	Former EPA Administrator	(CA)		(JG)
9	Maxine Savitch	Allied Signal	Former DOE official			(PR)
Uncertain						
?	George Frampton		DOI; Former Assistant Secretary for Fish, Wildlife, and Parks			
?	William Ruckelshaus	CEO, BFI Industries	Former EPA Administration Member, PCSD			(JG)
?	Stewart Udall		DOI; Former Secretary of Interior			

Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
NE						
1	Martha Abbott	Councilmember, Burlington, VT	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates)	802/863-2271 (VT)		(PR)
1	David Struhs	Massachusetts Environmental Protection Commissioner	DOI	617/292-5856 (MA)	617/574-6880	
Mid-Atl						
3	Fred Sissine	Mayor, Mount Rainier, MD	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates)	301/985-6585 (MD)		(PR)
SE						
4	Lee Morris	Councilmember, Atlanta, GA	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates)	404/330-6050 (GA)	404/658-6454	(PR)
4	Harvey Ruvin	Clerk of the Court, Dade County, FL	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates)	305/375-3333 (FL)	305/375-2485	(PR)
Ind. MW						
5	Jerry Blakey	Councilmember, Saint Paul, MN	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates)	612/266-8610 (MN)	612/266-8574	(PR)
5	David Johnson	Ohio Public Utilities Commission	ONLY: Joint Implementation, Trading	(OH)		(JG)
S. Central						
6	Gus Garcia	Councilmember, Austin, TX	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates)	512/499-2264 (TX)	512/499-1887	(PR)
6	Susan Savage	Mayor of Tulsa, member of PCSD		918/596-2100 (OK)	918/596-9010	(PR)
Ag. MW						
7	Jay Lehnertz	Councilmember, Overland Park, KS	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates)	913/895-6103 (KS)	913/895-5003	(PR)
Mtn/UMW						
8	??? Kadas	Mayor, Missoula, MT	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates)	406/523-4601 (MT)		(PR)

8	Roy Romer	Governor of CO		(CO)		(PR)
SW						
9	Linda Maio	Councilmember, Berkeley, CA	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates	510/644-6359 (CA)	510/644-6035	(PR)
9	Shirley Scott	Councilmember, Tucson, AZ	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates	520/791-3199 (AZ)	520/791-4717	(PR)
NW						
10	Bob Jacobs	Mayor, Olympia, WA	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates	360/753-8450 (WA)		(PR)
10	Arun Jhaveri	Mayor, Burien, WA	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates	206/241-4647 (WA)	206/248-5539	(PR)

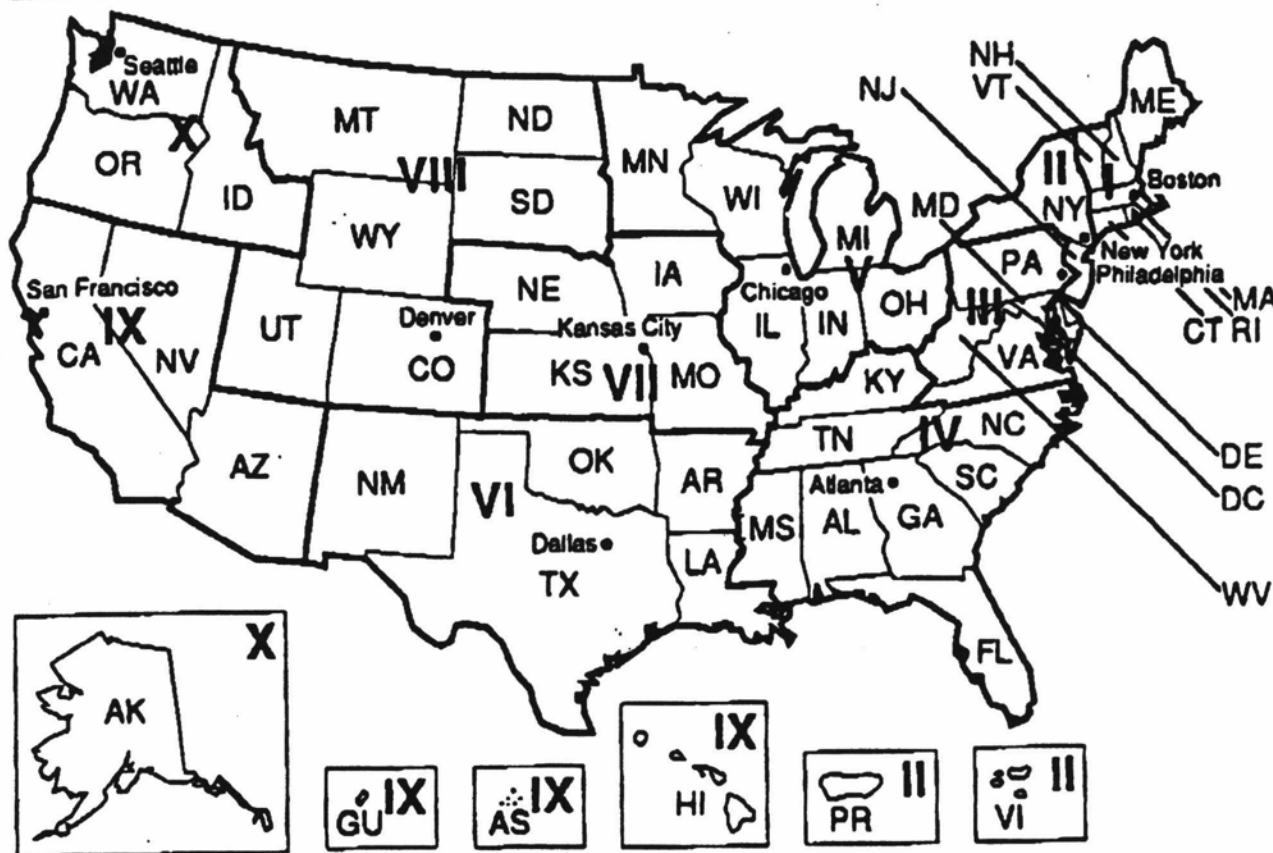
Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
Mid-Atl						
3	Bill Chandler	Vice President for Conservation, National Parks and Conservation Association	DOI	202/223-6722 (DC)	202/659-0650	
3	Daniel Lashoff	Senior Scientist, NRDC Washington D.C.	Climate specialist, co-authored NGO study, Energy Innovations	202/289-2399 (DC)	202/289-1060	(JG)
Ind. MW						
5	Bud Talbott	Board member, World Wildlife Fund; Cleveland businessman		216/696-8211		(DF)
Uncertain						
?	Alden Meyer	Union of Concerned Scientists				

Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
Mid-Atl						
3	Jae Edmonds 1	Batelle Labs (DOE)	Economic modeler; focus on trading and technology issues	202/646-5243 (DC)		left msg (JG)
3	Tom Lovejoy	Counselor to Secretary of Interior	DOI; Wrote book on effects of climate change on biodiversity	202/786-2263 (DC)		
3	Joseph Romm 1	Acting Ass't Sec., Energy Efficiency and Renewable/DOE		202/586-9220 (DC)	202/586-9260	
SW						
9	Evan Mills	Lawrence Berkeley Labs/DOE	Energy efficiency and reduced insurance risk	510/486-6784 (CA)	510/486-5394	(JG)

Region	State	Region	State	Region	State	Region	State	Region	State
I	CT	III	DE	V	IL	VII	IA	IX	AZ
New	ME	Mid-	DC	Industrial	IN	Agri-	KS	Southwest	CA
England	MA	Atlantic	MD	Midwest	MI	cultural	MO	(SW)	HI
(NE)	NH	(Mid-Atl)	PA	(Ind.MW)	MN	Midwest	NE		NV
	RI		VA		OH	(Ag.MW)			AS
	VT		WV		WI				GU
II	NJ	IV	AL	VI	AR	VIII	CO	X	AK
New York/	NY	Southeast	FL	South	LA	Mountain	MT	Northwest	ID
New	PR	(SE)	GA	Central	NM	and	ND	(NW)	OR
Jersey	VI		KY	(S. Central	OK	Upper	SD		WA
(NY/NJ)			MS		TX	Midwest	UT		
			NC			(Mtn/	WY		
			SC			UMW)			
			TN						

EPA Regional Offices and State Breakdown

Alabama	AL	IV	Maine	ME	I	Pennsylvania	PA	III
Alaska	AK	X	Maryland	MD	III	Rhode Island	RI	I
Arizona	AZ	IX	Massachusetts	MA	I	South Carolina	SC	IV
Arkansas	AR	VI	Michigan	MI	V	South Dakota	SD	VIII
California	CA	IX	Minnesota	MN	V	Tennessee	TN	IV
Colorado	CO	VIII	Mississippi	MS	IV	Texas	TX	VI
Connecticut	CT	I	Missouri	MO	VII	Utah	UT	VIII
Delaware	DE	III	Montana	MT	VIII	Vermont	VT	I
District of Columbia	DC	III	Nebraska	NE	VII	Virginia	VA	III
Florida	FL	IV	Nevada	NV	IX	Washington	WA	X
Georgia	GA	IV	New Hampshire	NH	I	West Virginia	WV	III
Hawaii	HI	IX	New Jersey	NJ	II	Wisconsin	WI	V
Idaho	ID	X	New Mexico	NM	VI	Wyoming	WY	VIII
Illinois	IL	V	New York	NY	II	American Samoa	AS	IX
Indiana	IN	V	North Carolina	NC	IV	Canal Zone	CZ	
Iowa	IA	VII	North Dakota	ND	VIII	Guam	GU	IX
Kansas	KS	VII	Ohio	OH	V	Puerto Rico	PR	II
Kentucky	KY	IV	Oklahoma	OK	VI	Trust Territories	TT	
Louisiana	LA	VI	Oregon	OR	X	Virgin Islands	VI	II



Region I	CT ME MA NH RI VT	Region III	DE DC MD PA VA WV	Region V	IL IN MI MN OH WI	Region VII	IA KS MO NE	Region IX	AZ CA HI NV AS GU
Region II	NJ NY PR VI	Region IV	AL FL GA KY MS NC SC TN	Region VI	AR LA NM OK TX	Region VIII	CO MT ND SD UT WY	Region X	AK ID OR WA

Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
NE						
1	John Holdren 1 PRT	Harvard University Cambridge, MA	Participated in President's briefing; chair of PCAST review of DOE's energy R & D	617/495-1464 (MA)	617/ 495-8963	left msg (JG)
1	Bill Moomaw PRT	Fletcher School of Law and Diplomacy, Tufts U	Former WRI policy director; article published on economics, chemist(?) policy area, role of industry, dealing with North/South issues	617/628-5000 x2732 (MA)	617/627-3712	YES (JG)
Mid-Atl						
3	Ev Ehrlich 1 PRT	President, ESC Company	Ex-Undersecretary of Commerce; directed Administration's economic analysis	202/347-3200 (DC)	202/ 347-4334	YES (JG)
3	Irving Mintzer PRT	Ex-WRI and Center for Global Change; Washington D.C.		301/587-8714 (MD)		YES (JG)
SW						
9	Stephen Schneider 1 PRT	Stanford University, California	Basic climate science; participant in President's briefing	415/725-9978 (CA)	415/ 725-2592	(RB)

Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
General/Nation-wide						
8	Dan Albritton 1 PRT	Director, Aeronomy Lab, NOAA/Commerce, Boulder Co. (Gov't)	Basic climate science	303/497-5785 (CO)	303/ 497-5340	(RB)
1	John Holdren 1	Harvard University Cambridge, MA	Participated in President's briefing; chair of PCAST review of DOE's energy R & D	617/495-1464 (MA)	617/ 495-8963	left msg (JG)
1	Henry Kendall	Professor of physics, MIT; Founder and Chairman, Union of Concerned Scientists	Participated in President's briefing; Nobel Laureate; Former Science Advisor(?)			(PR)
10	Jane Lubchenco 1	Oregon State; past president AAAS; organizer of scientists letter	DOI; Impacts on natural resources; impacts on ecosystems, biodiversity, forests; participated in President's briefing	541/737-5337 (OR)		left msg (TP)
1	Mario Molina	MIT	Basic climate science; participant in President's briefing; Nobel Laureate	617/253-5081 (MA)	617/ 253-8298	(RB)
2	Michael Oppenheimer 1	Environmental Defense Fund, New York	Climate science and impacts	212/505-2100 (NY)	212/ 505-2375	(RB)
9	Sherry Rowland 1 (also in nation-wide)	U. Of California, Irvine	Basic climate science; participant in President's briefing; Nobel Laureate	714/824-6016 (CA)	714/ 824-2905	(RB)
9	Stephen Schneider 1 PRT	Stanford University, California	Basic climate science; participant in President's briefing	415/725-9978 (CA)	415/ 725-2592	(RB)
6	Robert Shope (go through Tom Curtis*, U. Relations Dept.)	U. Of Texas	Human health impacts; impacts of infectious disease; participated in President's briefing	409/772-6546 (409/772- 2618*) (TX)		YES (TP)
3	Robert Watson 1 (also in nation-wide)	Senior Advisor, World Bank, Chair -- IPCC Third Assessment	Former Associate Director for Environment, OSTP; climate science, impacts, and mitigation	202/473-1755 (DC)	202/ 473-0565	(RB)
NE						
1	David Aubrey	Woods Hole Oceanographic Institute	Sea level rise; coastal effects			
1	Fahkri Bazzaz	Biologist, Harvard U	Ecosystem effects: forests, CO2 effects on plants			

1	Eric Chivian 1	Harvard Medical School	Human health impacts; spread of infectious disease	617/ 738-9443 or 617/ 432-0493 or 617/ 253-9872 (MA)	617/ 734-8822 or 617/ 432-2595	YES (EL)
1	William C. Clark	JFK School of Gov't, Harvard U	Impacts on natural resources; assessing climate change, human dimensions	617/495-3981 (MA)	617/ 495-8963	(TP)
1	Paul Epstein 1	Harvard Medical School	Human health impacts; spread of infectious disease; impacts of coastal algae on fish and pests on agriculture	617/432-0493 (MA)	617/ 432-2595	YES (EL)
1	Steven Hamburg 1	Brown University	Impacts on natural resources; forestry and wildlife	401/863-3449 (RI)		left msg (TP)
1	John Holdren 1 (also in nation-wide)	Harvard University Cambridge, MA	Participated in President's briefing; chair of PCAST review of DOE's energy R & D	617/495-1464 (MA)	617/ 495-8963	left msg (JG)
1	Henry Kendall (also in nation-wide)	Founder and Chairman, Union of Concerned Scientists	Participated in President's briefing; Nobel Laureate; Former Science Advisor(?)			(PR)
1	Mario Molina (also in nation-wide)	MIT	Basic climate science; participant in President's briefing; Nobel Laureate	617/253-5081 (MA)	617/ 253-8298	(RB)
1	Berrien Moore III	Director, Institute for the Study of Earth, Oceans, and Space, U of New Hampshire	Climate change, relation of physical climate and biosphere	603/862-1766 (NH)	603/ 862-1915	(RB)
1	George Woodwell	Director, Woods Hole Research Center; Vice Chair, Board of Trustees, Natural Resource Defense Council; Honorary/Founding Trustee, Environmental Defense Fund	Impacts on natural resources	508/540-9900 (MA)	508/ 540-9700	(TP)
NY/NJ						
2	James Hansen 1	Director, Goddard Institute for Space Studies/NASA, New York, NY (Gov't)	Basic climate science; climate models	212/678-5500 (NY)	212/ 678-5622	(RB)
2	Jerry Mahlman 1	Director, GFDL, NOAA/Commerce, Princeton, NJ (Gov't)	Basic climate science; climate models	609/452-6502 (NJ)	609/ 987-5070	(RB)

2	Michael Oppenheimer 1 (also in nation-wide)	Environmental Defense Fund, New York	Climate science and impacts	212/505-2100 (NY)	212/ 505-2375	(RB)
2	Cynthia Rosenzweig 1	Goddard Institute for Space Studies/NASA, New York (Gov't)	Impacts on natural resources; agriculture	212/678-5562 (NY)		YES (TP)
Mid-Atl						
3	Eric Barron 1	Penn State University College Park, Pa.	Basic climate science, regional impacts, and climate models	814/865-1619 (PA)	814/ 865-3191	(RB)
3	Rita Colwell	U. Of Maryland	Human health impacts; infectious disease	301/403-0501 (MA)	301/ 454-8123	YES (TP)
3	Bill Easterling	Penn State University	Impacts on natural resources; agriculture	814/865-3433 (PA)		(TP)
3	Lawrence Kalkstein 1	U. Of Delaware	Human health impacts; impacts of heat stress on mortality	302/831-8269 (DE)	302/ 831-6654	YES (TP)
3	Adam Markham 1	World Wildlife Fund	Impacts on natural resources; National Parks, wildlife	202/293- 4800x382 (DC)		(TP)
3	Michael McCracken 1	Global Change Research Program, Washington D.C	Basic climate science; answers to common misperceptions; contact person for other scientists	202/358-1837 (DC)	202/ 358-4103	(RB)
3	Jonathan Patz 1	Johns Hopkins U.	Human health impacts; spread of infectious disease	410/955-4130 (MD)	410/ 955-1811	out until 8/15
3	Alan Robock	Dep. Of Meteorolgy, U. Of Maryland	Climate change, modeling	301/405-5377 (MD)	301/ 314-9482	(RB)
3	Herman Shugart	W.W. Corcoran Professor of Environmental Sciences and Chairman, Dept. Of Environmental Sciences, U. Of Virginia	Impacts on natural resources; forests	804/924-7642 (VA)	804/ 982-2137	left msg (TP)
3	John Townsend	Chair, UNEP/IOC/WMO/ICSU Global Climate Observing System. U. Of Maryland	Climate change in general, Forests, observations of climate	301/405-4050 (MD)	301/ 314-9294	(RB)
3	Robert Watson 1	Senior Advisor, World Bank, Chair -- IPCC Third Assessment	Former Associate Director for Environment, OSTP; climate science, impacts, and mitigation	202/473-1755 (DC)	202/ 473-0565	(RB)
SE						

4	Norm Christianson	Dean, Nicholas School of Environment (Duke U)	DOI; impacts on natural resources	919/613-8000 (NC)	919/ 684-8741	(TP)
4	Tom Karl 1	Senior Scientist, National Climate Data Center, NOAA/Commerce, Ashville, NC (Gov't)	Historic trends in temperature and precipitation, extreme events	704/271-4319 (NC)	704/ 271-4328	(RB)
4	Stephen Leatherman 1	U of Miami	Sea level rise; coastal impacts on Chesapeake, East Coast	305/ (FL)	305/	(TP)
4	Orvin Pilkey	Duke U	Sea level rise; coastal effects			
4	Ronald H. Pulliam	U of Georgia	DOI; Former National Biological Survey Director	706/542-6010 (GA)	706/ 542-6040	(RB)
Ind. MW						
5	Stan Chagon 1	Illinois Water Survey Chief - Emeritus	Impacts on natural resources; agriculture and water resources	217/586-5691 (IL)	217/ 586-5691	YES (TP)
5	Terry Root	U of Michigan	Ecosystem effects: birds			
S. Central						
6	Ken Bowman	Texas A & M	Impacts on natural resources; meteorology	409/862-4060 (TX)		(TP)
6	Tom Crowley	Texas A & M	Impacts on natural resources; paleoclimatology	409/845-0795 (TX)		YES (TP)
6	Gerald North 1	Texas A & M	Climate impacts on Texas	409/845-7671 (TX)	409/ 862-4466 (or 4132)	YES (TP)
6	Robert Shope (go through Tom Curtis*, U. Relations Dept.) (also in nation-wide)	U. Of Texas	Human health impacts; impacts of infectious disease; participated in President's briefing	409/772-6546 (409/772-2618*) (TX)		YES (TP)
6	Virginia Van Sickle-Burkett	Branch Chief of Wetlands Ecology, U.S. Fish and Wildlife Service (Gov't)	Impacts on natural resources; wetlands	318/266-8637 (LA)	318/ 231-7510	(TP)
Ag MW						
7	Peter Raven	Director of the Missouri Botanical Garden; Home Sec. Of The National Academy of Sciences	DOI; impacts on natural resources; impacts on ecosystems; biodiversity	314/577-5111 (MO)	314/ 577-9595	left msg (TP)
7	Don Wilhite	Director, International Drought Information Center, U. Of Nebraska	Impacts on natural resources; drought	402/472-4270 (NE)	402/ 472-6614	YES (TP)
Mtn/UMW						

8	Dan Albritton 1 PRT (also in nation-wide)	Director, Aeronomy Lab, NOAA/Commerce, Boulder Co. (Gov't)	Basic climate science	303/497-5785 (CO)	303/ 497-5340	(RB)
8	John Firor PRT	National Center for Atmospheric Research, Boulder, CO; Board of Trustees, Environmental Defense Fund; Vice Chairman, World Resources Institute (Gov't)	Basic climate science; former director, NCAR	303/497-8104 (CO)	303/ 497-8709	(RB)
8	Michael H. Glantz	Program Director, Environmental and Societal Impacts Group, National Center for Atmospheric Research, Boulder, CO (Gov't)	Impacts on natural resources; societal impacts	303/497-8119 (CO)	303/ 497-8125	(TP)
8	Duane Gubler	Center for Disease Control, Fort Collins	Human health impacts	970/221-6428 (CO)		out until 8/13
8	Kevin Trenberth 1	National Center for Atmospheric Research, Boulder, Co. (Gov't)	Basic climate science; climate trends	303/497-1318 (CO)	303/ 497-1314	(RB)
8	Warren Washington	National Center for Atmospheric Research, Boulder, CO (Gov't)	Basic climate science, climate modeler	303/497-1321 (CO)	303/ 497-1314	(RB)
SW						
9	Helen Ingram	Director, Udall Studies in Public Policy, U. Of Arizona	Impacts on natural resources; water	520/521-7189 (AZ)	520/ 621-9234	(TP)
9	Diana Liverman	Director, Latin America Area Center, U. Of Arizona	Impacts on natural resources; human dimensions of climate change	520/626-7242 (AZ)	520/ 626-7248	(TP)
9	Pamela Matson	U. Of California	Impacts on natural resources; ecological impacts			(TP)
9	Walter Oechel	Dept. Of Biology, San Diego St. University	Impacts on natural resources; Arctic ecosystems	619/594-4818 (CA)	619/ 594-7831	left msg (TP)
9	William Reeves	UC Berkeley; Dean, School of Public Health	Human health impacts	510/642-3938 (CA)		voice mail full
9	Sherry Rowland 1	U. Of California, Irvine	Basic climate science; participant in President's briefing; Nobel Laureate	714/824-6016 (CA)	714/ 824-2905	(RB)
9	Stephen Schneider 1 (also in nation-wide)	Stanford University, California	Basic climate science; participant in President's briefing	415/725-9978 (CA)	415/ 725-2592	(RB)

9	Peter Vitousek	Stanford University	Impacts on natural resources; ecological impacts	415/725-1866 (CA)	650/ 725-1856	(TP)
NW						
10	Richard Adams	Professor of resource economics, Oregon State University	Impacts on natural resources; agriculture	503/737-1435 (OR)	503/ 737-2563	(TP)
10	Jerry Franklin	College of Forest Resources U. Of Washington	Impacts on natural resources; forests	206/543-2730 (WA)	206/ 685-0790	(TP)
10	Dennis Lettenmeir	U of Washington	Water resource effects			
10	Jane Lubchenco 1 PRT (also in nation-wide)	Professor of marine biology, zoology, Oregon State; former president AAAS; organizer of Scientists' Statement; Board of Trustees, Environmental Defense Fund	DOI; Impacts on natural resources; impacts on ecosystems, biodiversity, forests; participated in President's briefing	541/737-5337 (OR)		left msg (TP)
10	Ron Neilson	Oregon State U; USDA/USFS	Impacts on natural resources; forestry and water resources			left msg (TP)
10	Gordon Orians	Ecologist, U of Washington	DOI	206/543-1658 (WA)	206/ 543-3041	(RB)
10	Paul Risser	Oregon State U	DOI; Former President of Ecological Society of America; Former professor of botany at Miami U. Internationally known botanist, research focusing on grassland and forest ecosystems, landscape ecology, global change, & environmental planning & management	541/346-3111 (main campus number--didn't have "Risser" listed) (OR)		(RB)
Uncertain						
?	Wallace Broecker 1	Lamont-Doherty Lab, Columbia University, New York	Basic climate science; climate surprises (sudden changes)	714/365-8413 (CA???)	714/ 365-8163	(RB)
?	Peter Gleick	Pacific Institute	Water resource effects			
?	Karen Poiani	Nature Conservancy	Ecosystem effects: wetlands			
?	David Rind	NASA GISS (Gov't)	Climate science			
?	David Schimel	National Center for Atmospheric Research (Gov't)	Ecosystem effects: forests, carbon cycle			

?	Thomas Sinks	Center for Disease Control	Heat stress (not necessarily related to climate change, but highly recommended by OSTP)			
?	Al Solomon	EPA/ORD (Gov't)	Ecosystem effects: forests (narrow focus)			
?	James Titus	EPA (Gov't)	Sea level rise; coastal effects (doesn't fully accept IPCC on sea level rise)			

Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
General/Nation-wide						
9 P	Kenneth Arrow	Stanford University	Nobel Laureate; Economists' Statement	415/723-9165 (CA)		YES (JG)
9 PR	Stephen DeCanio 1	UC Santa Barbara	organized Economists' Statement; staff at CEA during Reagan Admin.	805/893-3130 (CA)	805/ 893-8830	YES (JG)
1 PRT	Dan Dudek 1	Environmental Defense Fund	Emissions trading proponent	203/938-3392 (CT)	203/ 938-4172	YES (JG)
3 PRT	Ev Ehrlich 1	President, ESC Company	Ex-Undersecretary of Commerce; directed Administration's economic analysis	202/347-3200 (DC)	202/ 347-4334	YES (JG)
1 PRT	Paul Krugman 1	MIT	Original signor of Economists' Statement (?NOT LISTED ON STATEMENT)	617/253-1551 (MA)	617/ 253-4096	left msg (JG)
6 PR	John Palmisano 1	Enron Corp.	proponent of emissions trading			in Bonn (JG)
3	Paul Portney	President, Resources for the Future, Washington, D.C.	Resource economist	202/328-5103 (DC)	202/ 939-3460	YES (JG)
3 PRT	Robert Repetto 1	Senior Economist, World Resource Institute	Economists' Statement; authorized report explaining economic models related to climate	202/638-6300 (DC)	202/ 638-0036	YES (JG)
5 PRT	Richard Sandor 1	President, Centre Financial; Vice chair, Chicago Board of Trade	emissions trading of sulfur and carbon dioxide	(IL)		YES (JG, DF)
1 PRT	Robert Solow	MIT, Cambridge MA	Nobel Laureate; Economists' Statement	617/253-5268 (MA)	617/ 253-0560	YES (JG)
?	Joseph Stiglitz PRT	Chief Economist, World Bank	Ex-chair of CEA; involved in economics section of IPCC; emissions trading, JI			
NE						
1 PRT	Dan Dudek 1 PRT (also in nation-wide)	Environmental Defense Fund	Emissions trading proponent	203/938-3392 (CT)	203/ 938-4172	YES (JG)
1	A. Myrick Freeman III	Bowdoin College	Economists' Statement; Air pollution benefits through the CAACC	(ME)		

1	Paul Krugman 1	MIT	Original signor of Economists' Statement (?NOT LISTED ON STATEMENT)	617/253-1551 (MA)	617/ 253-4096	left msg (JG)
1	Richard Schmalensee	MIT	economic benefits of action	617/253-2957 (MA)	617/ 258-6617	YES (JG)
1	Robert Solow	MIT, Cambridge MA	Nobel Laureate; Economists' Statement	617/253-5268 (MA)	617/ 253-0560	YES (JG)
1	Robert Stavins	Harvard University, Kennedy School of Government	Economists' Statement; market-based approaches, likes taxes	617/495-1820 (MA)	617/ 495-1635	
1	Robert Evenson	Yale University	CEA, Economists' Statement	(CT)		
1	Paul Schultz	Yale University	CEA, Economists' Statement	(CT)		
1	W. Kip Viscusi	Harvard Law School	CEA, Economists' Statement; cost-benefit analyses	(MA)		
1	Gary Yohe	Wesleyan University	CEA, Economists' Statement; student of Nordhaus	(CT)		
NY/NJ						
2	William J. Baumol	New York University	Economists' Statement	(NY)		
2	Alan Blinder	Princeton University, NJ Ex-member CEA		609/258-3358 (NJ)		YES (JG)
Mid-Atl						
3	Maureen Cropper	U of Maryland; Chair of Clean Air Act Compliance Analysis Council	Economists' Statement	(MD)		
3	Peggy Duxbury 2	Program Manager, Redefining Progress	Organization sponsored Economists' Statement; contact for other economists	202/588-8900 (DC)	202/ 588-9711	(JG)
3	Ev Ehrlich 1 (also in nation-wide)	President, ESC Company	Ex-Undersecretary of Commerce; directed Administration's economic analysis	202/347-3200 (DC)	202/ 347-4334	YES (JG)
3	Paul Faeth	World Resources Institute	Economists' Statement	(DC)		
3	Irving Mintzer PRT	Ex-WRI and Center for Global Change; Washington D.C.		301/587-8714 (MD)		YES (JG)
3	Paul Portney	President, Resources for the Future, Washington, D.C.	Resource economist	202/328-5103 (DC)	202/ 939-3460	YES (JG)

3	Robert Repetto 1 PRT	Senior Economist, World Resource Institute	Economists' Statement; authorized report explaining economic models related to climate	202/638-6300 (DC)	202/ 638-0036	YES (JG)
SE						
4	Philip J. Cook	Duke University	CEA, Economists' Statement	(NC)		
Ind. MW						
5	Richard Sandor 1	President, Centre Financial; Vice chair, Chicago Board of Trade	emissions trading of sulfur and carbon dioxide	(IL)		YES (JG, DF)
5	Paul N. Courant	U of Michigan	CEA, Economists' Statement	(MI)		
5	Terry L. Roe	U of Minnesota	CEA, Economists' Statement; resources, agriculture, water	(MN)		
5	Vernon W. Ruttan	U of Minnesota	CEA, Economists' Statement; agriculture	(MN)		
S. Central						
6	John Palmisano 1 PR	Enron Corp.	proponent of emissions trading	(TX)		in Bonn (JG)
Ag MW						
7	John A. Miranowski	Iowa State University	CEA, Economists' Statement; former USDA official	(IA)		
SW						
9	Kenneth Arrow (also in nation-wide)	Stanford University	Nobel Laureate; Economists' Statement	415/723-9165 (CA)		YES (JG)
9	Stephen DeCanio 1 PR (also in nation-wide)	UC Santa Barbara	organized Economists' Statement; staff at CEA during Reagan Admin.	805/893-3130 (CA)	805/ 893-8830	YES (JG)
9	Richard B. Norgaard	UC Berkeley	Economists' Statement	(CA)		
9	Trudy Ann Cameron	UCLA	CEA, Economists' Statement	(CA)		
9	Robert T. Deacon	UC Santa Barbara	CEA, Economists' Statement	(CA)		
9	Anthony Fisher	UC Berkeley	CEA, Economists' Statement	(CA)		
9	Jack Hirshleifer	UCLA	CEA, Economists' Statement	(CA)		
9	Gordon Rausser	UC Berkeley	CEA, Economists' Statement; econometrics	(CA)		
NW						

10	Gardner Brown	U of Washington	Economists' Statement; biodiversity, endangered species	(WA)		
10	Emery N. Castle	Oregon State University	CEA, Economists' Statement	(OR)		
Uncertain						
?	Dallas Burtraw	Resources for the Future	Economists' Statement; emissions trading, market mechanisms			
?	Joseph Stiglitz PRT	Chief Economist, World Bank	Ex-chair of CEA; involved in economics section of IPCC; emissions trading, JI			

Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
General/Nation-wide						
3	Roger Dower 1	Sycom Enterprises (energy efficiency service company); Washington, D.C.	Energy economist; Ex-WRI and CBO economist	202/625-4118 (DC)	202/ 625-1067	YES (JG)
6	Kenneth Lay	CEO, Enron	Met with President, technology renewables, gas, market mechs, international	(TX)		YES (DF)
8	Amory Lovins 1 PRT	Director, Rocky Mountain Institute	Energy efficiency/business opportunities	970/927-3851 (CO)	970/ 927-4178	YES (JG)
2 or 5	Bruce McCrodden 1 (Go through Communications, Tom Koch*)	Vice President, British Petroleum, Ohio	BP's leadership calling for action now	212/207-6703 (*6709) (OH/NY)	212/ 207-6755	YES (JG)
?	Steven Percy	CEO, BP America				YES (DF)
NY/NJ						
2 or 3	Jim Wolfe	Vice President, American Standard/Trane, New York-based company	Potential for energy efficiency technologies	703/525-4016 (NY/VA)		YES (JG)
2 or 5	Bruce McCrodden 1 (Go through Communications, Tom Koch*)	Vice President, British Petroleum, Ohio	BP's leadership calling for action now	212/207-6703 (*6709) (OH/NY)	212/ 207-6755	YES (JG)
Mid-Atl						
3	Jared Blum 1	Polyisocyanurate Insulation Manufacturers Association (PIMA)	Big picture; contact for other business people	202/624-2709 (DC)		YES (JG)
3	Nicholas Bush	Natural Gas Supply Association		202/326-9300 (DC)		
3	Nelson Cooney	Brick Institute	Construction industry	703/628-0010 (VA)		
3	Roger Dower 1	Sycom Enterprises (energy efficiency service company); Washington, D.C.	Energy economist; Ex-WRI and CBO economist	202/625-4118 (DC)	202/ 625-1067	YES (JG)
3	Harvey Forest	President/CEO, Solarex, Frederick, MD	PV manufacturer; can talk about technology, but not policy because partly owned by AMOCO	301/698-4200 (MD)	301/ 698-4201	YES (JG)

3	Michael Marvin 1	Executive Director, Business Council for Sustainable Energy; Washington D.C.	Trade association of industries marketing efficient technologies; help line up industry; contact for other business people	202/785-0507 (DC)	202/ 785-0514	YES (JG)
3	David Nemtzw 1	Executive Director, Alliance to Save Energy; Washington D.C.	Potential for energy efficiency; contact for other business people	202/857-0666 (DC)	202/ 331-9588	left msg (JG)
3	Frank Nutter 1	Executive Director, Reinsurance Industry Association	Insurance industry	202/638-3690 (DC)	202/ 638-0936	(DF)
3	David Parker	American Gas Association		703/841-8400 (VA)		
3	Chuck Samuels	Association of Home Appliances Manufacturers		202/434-7485 (DC)		
3	Roger Sant	Chairman, AES Corp.; Chairman, World Wildlife Fund; Board of Directors, World Resources Institute	Energy in developing countries; joint implementation; former director, Energy Productivity Center, Mellon Institute	703/522-1315 (VA)	703/ 276-6758	left msg (DF)
3	Scott Sklar 1	Solar Energy Industries Association, Washington, D.C.	Long-term renewables industry leader; contact for other business people	202/383-2611 (DC)	202/ 383-2670	YES (JG)
3	Mark Stanga	Vice President, York International (Pennsylvania-based company)	Could be used off-the-record (for background info)	703/415-0020 (PA/VA)		NO (JG)
SE						
4	Bud Cherry	Oxbow Corp., FL	Geothermal, biomass, coal, and power; Active worldwide	561/697-4300 (FL)	561/ 640-8847	YES (DF)
4	Bill Nelson 1	Florida State Insurance Commissioner	Insurance industry	(FL)		(JG)
Ind. MW						
5	Nancy Bacon	Energy Conversion Devices, MI		(MI)		
5	Michael Bonsignore	CEO, Honeywell Corp.		(MN)		??? (JG, DF)
5	Glen Skovholt	Vice President, Honeywell Corp.	Potential for energy efficiency	612/951-0050 (MN)	612/ 951-0110	??? (JG)
5	Mark Spurr	District Heating Industry Association		612/227-8452 (MN)	612/ 292-0014	YES (JG)

5	Robert Stempel	CEO, Energy Conversion Devices, MI	Ex-CEO, GM	810/280-1900 (MI)		left msg (JG)
S. Central						
6	Tom Dreissen	Energy Performance Services, TX	Energy service companies overseas	610/278-6633x246 (TX)		left msg (JG)
6	Terry Thorne 1	Senior Vice President, Enron Corp., Houston, TX.	International energy markets, alternatives	713/853-3071 (TX)	713/ 646-4831	YES (DF)
Mtn/UMW						
8	Amory Lovins 1 PRT	Director, Rocky Mountain Institute	Energy efficiency/business opportunities	970/927-3851 (CO)	970/ 927-4178	YES (JG)
SW						
9	Ken Karas	President, ENRON Wind Corp., S. California	Wind Energy	805/823-6835 (CA)		left msg (JG)
Uncertain						
?	Kaj Ahlman 1	CEO, Employers Reinsurance Corp.	Insurance industry; only U.S. insurance company to sign UNEP			(DF)
?	James Key	Johnson Controls	go through Doug Decker			??? (JG)
6	Kenneth Lay	CEO, Enron	Met with President, technology renewables, gas, market mechs, international	(TX)		YES (DF)
?	Steven Percy	CEO, BP America				YES (DF)
?	Frank Wisner	AIG	Insurance industry; former ambassador to India			(DF)

Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
General/Nation-wide						
4	Jim Cooper PRT	Investment Banker; Member of Board, Center for Clean Air Policy	Former Rep. TN	615/780-4100 (TN)	615/ 780-9420	(DF)
3	Mike Deland PRT	Vice chair of Flywheel Technologies Inc.; Board of Directors, World Resources Institute	DOI; Former Chair of CEQ; policy	202/789-6100 (DC)	202/ 789-6190	
5	Tony Earl PRT	Chairman of the Board, Center for Clean Air Policy	Former Governor of Wisconsin	608/283-2476 (WI)		YES (JG)
6	Bennett Johnston PRT		Former Sen of Louisiana, Chair of Senate Energy Cte	(LA???)		??? (JG/ DF)
	George Mitchell PRT		Former ME Senator, Majority Leader; wrote a book on climate (?)	(ME)		??? (JG/ DF)
3	Hazel O'Leary PRT	Chair, Keystone Energy Board	Former Secretary of Energy	(DC)		YES (DF)
9	William Reilly PRT	Board of Directors, World Wildlife Fund (?)	Former EPA Administrator	(CA)		(JG)
6	William Ruckelshaus PRT	CEO, BFI Industries	Former EPA Administration Member, PCSD	713/635-6666 (main number) (TX)		(JG)
9	Maxine Savitch PRT	Allied Signal	Former DOE official			(PR)
8	Claudine Schneider PRT		Former RI Rep (R)			
3	Russell Train PRT	Chairman Emeritus, Board of Directors, World Wildlife Fund	Former (First) Chair of CEQ; general environmental info	202/778-9512 (DC)		
?	Stewart Udall PRT		DOI; Former Secretary of Interior			
NE						
1	Michael Dukakis PRT	Northeastern University	Former Governor of MA	(MA)		

1	George Mitchell PRT		Former ME Senator, Majority Leader; wrote a book on climate (?)	(ME)		??? (JG/ DF)
1	Phil Sharp PRT	Director, Harvard Kennedy School Institute for Politics; Harvard University, Massachusetts	Former Chair of House energy and power subcommittee (D- IN)	617/496-6335 (MA)		left msg (JG)
1	Susan Tierney PRT	Consultant, Boston, Ma	Former Ass't Sec at DOE, Former Massachusetts Energy; Former Environmental Commissioner	617/491-4900 (MA)	617/ 576-3524	(PR)
NY/NJ						
2	James Florio PRT	Law firm	Former Gov of New Jersey	(NJ???)		YES (DF)
2	Tom Kean PRT	President of Drew U	Former Governor of New Jersey	201/408-3100 (NJ)		(PR)
2	Robert Shinn PRT	Commissioner, NJ Dept of Environmental Protection	Chair of ECOs task force on climate	(NJ)		(PR)
Mid-Atl						
3	Curtis Bohlen PR	Consultant	Former Assistant Secretary, State Department	(D.C.)		??? (JG/ DF)
3	Eileen Claussen PRT	Alcalde and Fay, Washington, D.C.	Former State Dept., NSC, and EPA	703/841-0626 (VA)	703/ 243-2874	YES (JG)
3	Charles Curtis	Partner, Hogan and Hartson	Former Deputy Secretary of DOE	202/637-6815 (DC)		NO (JG)
3	Mike Deland PRT	Vice chair of Flywheel Technologies Inc.; Board of Directors, World Resources Institute	DOI; Former Chair of CEQ; policy	202/789-6100 (DC)	202/ 789-6190	
3	Hazel O'Leary PRT	Chair, Keystone Energy Board	Former Secretary of Energy	(DC)		YES (DF)
3	Russell Train PRT	Chairman Emeritus, Board of Directors, World Wildlife Fund	Former (First) Chair of CEQ; general environmental info	202/778-9512 (DC)		
SE						
4	Jim Cooper PRT	Investment Banker; Member of Board, Center for Clean Air Policy	Former Rep. TN	615/780-4100 (TN)	615/ 780-9420	(DF)

Ind. MW						
5	Celeste		Former Governor of Ohio			
5	Tony Earl PRT	Chairman of the Board, Center for Clean Air Policy	Former Governor of Wisconsin	608/283-2476 (WI)		YES (JG)
5	Dennis Knobloch		Former Mayor of Valmeyer, IL (town wiped out by flood in '94 and rebuilt)	(IL???)		(PR)
5	Howard Metzenbaum		Former Sen Ohio	(OH???)		??? (JG/ DF)
5	Bill Millikin PRT		Former Governor (R) of Michigan; has been critical of Engler on environmental issues	(MI)		
5	Gaylord Nelson	Founder of Earth Day	Former WI Senator,			??? (JG/ DF)
				(WI)		
S. Central						
6	Bennett Johnston PRT		Former Sen of Louisiana, Chair of Senate Energy Cte	(LA???)		??? (JG/ DF)
6	Karl Rabago	Environmental Defense Fund, Texas	Former DOE official in Renewable Energy; Former Texas Energy Comm. (Talk on RE)	(TX)		YES (LM)
6	William Ruckelshaus PRT	CEO, BFI Industries	Former EPA Administration Member, PCSD	713/635-6666 (main number) (TX)		(JG)
6	Bill White		Former Deputy Sec, DOE	(TX)		??? (JG)
Mtm/UMW						
8	Claudine Schneider PRT		Former RI Rep (R)			
SW						
9	Donald Kennedy	President-emeritus, Stanford U; Member, National Academy of Sciences	Former FDA commissioner; Signatory, Scientists' Statement	(CA)		

9	William Reilly PRT	Board of Directors, World Wildlife Fund (?)	Former EPA Administrator	(CA)		(JG)
9	Maxine Savitch PRT	Allied Signal	Former DOE official			(PR)
NW						
10	Don Theiler		Former head of STAPPA ALAPCO (State Air Officials)	(WA)		
Uncertain						
?	George Frampton		DOI; Former Assistant Secretary for Fish, Wildlife, and Parks			
?	Stewart Udall PRT		DOI; Former Secretary of Interior			

Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
General/Nation-wide						
NE						
1	Martha Abbott	Councilmember, Burlington, VT	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates	802/863-2271 (VT)		(PR)
1	David Struhs	Massachusetts Environmental Protection Commissioner	DOI	617/292-5856 (MA)	617/ 574-6880	
Mid-Atl						
3	Fred Sissine	Mayor, Mount Rainier, MD	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates	301/985-6585 (MD)		(PR)
SE						
4	Lee Morris	Councilmember, Atlanta, GA	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates)	404/330-6050 (GA)	404/ 658-6454	(PR)
4	Harvey Ruvin	Clerk of the Court, Dade County, FL	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates	305/375-3333 (FL)	305/ 375-2485	(PR)
Ind. MW						
5	Jerry Blakey	Councilmember, Saint Paul, MN	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates	612/266-8610 (MN)	612/ 266-8574	(PR)
5	David Johnson	Ohio Public Utilities Commission	ONLY: Joint Implementation, Trading	(OH)		(JG)
S. Central						
6	Gus Garcia	Councilmember, Austin, TX	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates	512/499-2264 (TX)	512/ 499-1887	(PR)
6	Susan Savage	Mayor of Tulsa, member of PCSD		918/596-2100 (OK)	918/ 596-9010	(PR)
Ag. MW						
7	Jay Lehnertz	Councilmember, Overland Park, KS	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates	913/895-6103 (KS)	913/ 895-5003	(PR)
Mtn/UMW						
8	??? Kadas	Mayor, Missoula, MT	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates	406/523-4601 (MT)		(PR)

8	Roy Romer	Governor of CO		(CO)		(PR)
SW						
9	Linda Maio	Councilmember, Berkeley, CA	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates	510/644-6359 (CA)	510/ 644-6035	(PR)
9	Shirley Scott	Councilmember, Tucson, AZ	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates	520/791-3199 (AZ)	520/ 791-4717	(PR)
NW						
10	Bob Jacobs	Mayor, Olympia, WA	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates	360/753-8450 (WA)		(PR)
10	Arun Jhaveri	Mayor, Burien, WA	Cities for Climate Protection Campaign, U.S. (Climate Protection Advocates	206/241-4647 (WA)	206/ 248-5539	(PR)

VII. Environmental Groups and
Independent Experts

DRAFT--8/14/97, 2:03 PM

Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
General/Nation-wide						
9	Ralph Cavanagh PRT	Natural Resources Defense Council, N. California	Energy efficiency expert	415/777-0220 (CA)	415/495-5996	
3	Bill Chandler PRT	Vice President for Conservation, National Parks and Conservation Association	DOI	202/223-6722 (DC)	202/ 659-0650	
1	Doug Foy PRT	Conservation Law Foundation	Energy efficiency	617/350-0990 (MA)	617/350-4030	
3	Howard Geller PR	American Council for an Energy Efficient Economy		202/429-8873 (DC)	202/ 429-2248	YES (JG)
9	David Goldstein PR	Natural Resources Defense Council, California		(CA)		
3	Daniel Lashoff PRT	Senior Scientist, NRDC Washington D.C.	Climate specialist, co-authored NGO study, Energy Innovations	202/289-2399 (DC)	202/ 289-1060	(JG)
3	Alden Meyer PR	Union of Concerned Scientists		(DC)		
1	Bill Moomaw PRT	Fletcher School of Law and Diplomacy, Tufts U	Former WRI policy director; article published on economics, chemist(?) policy area, role of industry, dealing with North/South issues	617/628-5000 x2732 (MA)	617/627-3712	YES (JG)
NE						
1	Doug Foy PRT	Conservation Law Foundation	Energy efficiency	617/350-0990 (MA)	617/350-4030	
1	Cheryl Harrington	Regulatory Assistance Project		207/582-1135 (ME)	207/ 582-1176	
1	Jane Hotchkiss	Conservation Law Foundation		617/350-0990x146 (MA)	617/ 422-0881	
1	Bill Moomaw PRT	Fletcher School of Law and Diplomacy, Tufts U	Former WRI policy director; article published on economics, chemist(?) policy area, role of industry, dealing with North/South issues	617/628-5000 x2732 (MA)	617/627-3712	YES (JG)
1	Alan Noguee	Union of Concerned Scientists		617/547-5552 (MA)	617/ 864-9405	
NY/NJ						

2	Dan Rosenblum	Mid-Atlantic Energy Project		914/362-1302 (NY)	914/ 362-8006	
2	Ed Smeloff	Pace University Law School; Center for Environmental Studies		914/ 422-4141 (NY)	914/ 422-4180	
2	David Wooley	Pace University		914/422-4386 (NY)	914/ 422-4180	
Mid-Atl						
3	Bill Chandler PRT	Vice President for Conservation, National Parks and Conservation Association	DOI	202/223-6722 (DC)	202/ 659-0650	
3	Howard Geller PR	American Council for an Energy Efficient Economy		202/429-8873 (DC)	202/ 429-2248	YES (JG)
3	Jeff Gleason	Southern Environmental Law Center		804/977-4090 (VA)	804/ 977-1483	
3	Ned Helme	Center for Clean Air Policy	Public interest/governors, JI and trading	(DC)		
3	Daniel Lashoff PRT	Senior Scientist, NRDC Washington D.C.	Climate specialist, co-authored NGO study, Energy Innovations	202/289-2399 (DC)	202/ 289-1060	(JG)
SE						
4	Marcia Elder	American Planning Association		904/222-0808 (FL)	904/ 222-3741	
4	Gail Kamaras	Legal Environmental Assistance Foundation		904/681-2591 (FL)	904/ 224-1275	
Ind. MW						
5	William Grant	Izaak Walton League of America		612/922-1608 (MN)	612/ 922-0240	(DF)
5	Howard Learner	Environmental Law and Policy Center		312/759-3400 (IL)	312/ 332-1580	
5	Bridgette Mariea	Ohio Environmental Council		614/224-4900 (OH)	614/ 224-4914	
5	Michael A. Mullett	Citizens Action Coalition of Indiana		317/636-5165 (IN)	317/ 636-5435	
5	Michael Noble			612/225-1133 (MN)	612/ 225-0870	

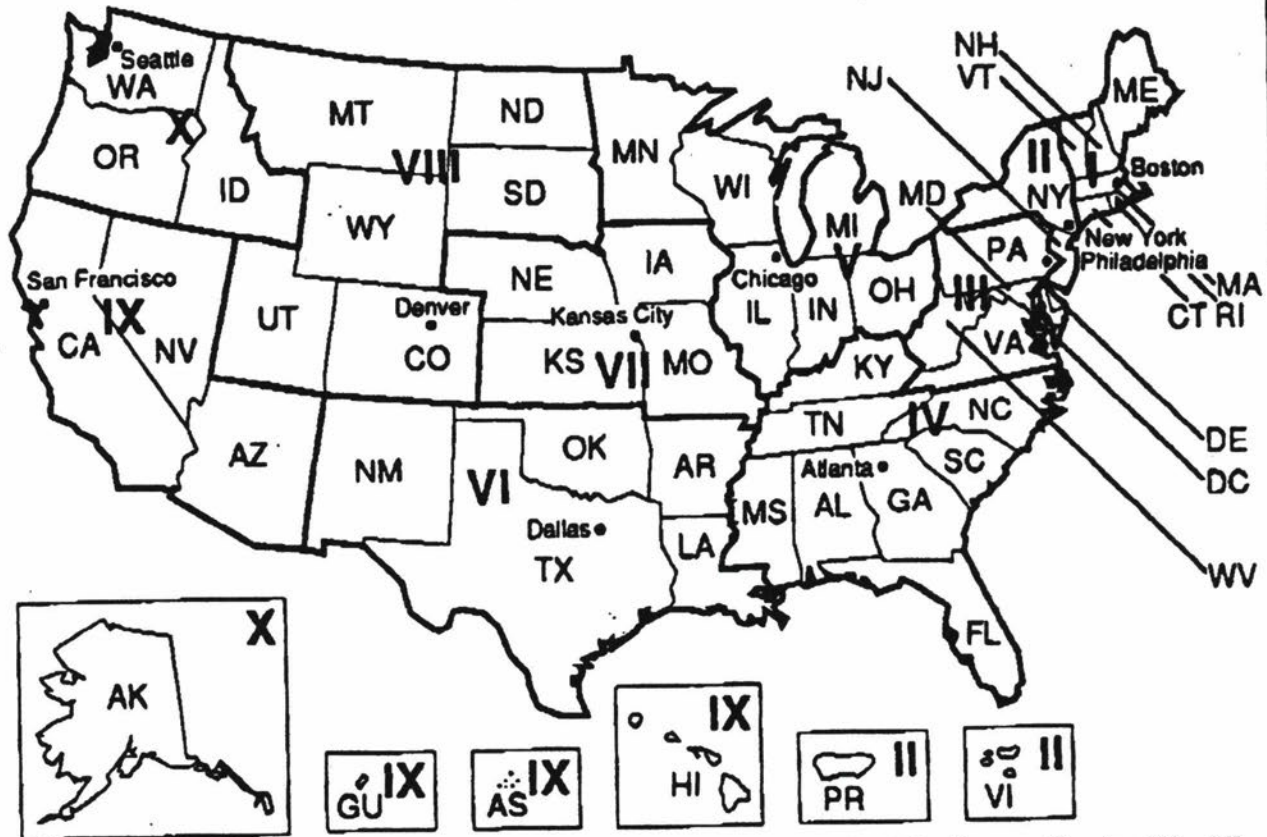
VII. Environmental Groups and Independent Experts

5	Bud Talbott	Board member, World Wildlife Fund; Cleveland businessman		216/696-8211		(DF)
S. Central						
6	Gary L. Groesch	Alliance for Affordable Energy		504/525-0778 (LA)	504/ 525-0779	
6	Jim Marston	Environmental Defense Fund--Texas Office		512/478-5161 (TX)	512/ 478-8140	
Mtn/UMW						
8	Eric Blank	Land and Water Fund of the Rockies		303/444-1188 (CO)	303/ 786-8054	
8	Bruce Driver	Sustainability Initiatives		303/417-1350 (CO)	303/417-1351	
SW						
9	Ralph Cavanagh PRT	Natural Resources Defense Council, N. California	Energy efficiency expert	415/777-0220 (CA)	415/495-5996	
9	David Goldstein PR	Natural Resources Defense Council, California		(CA)		
9	V. John White	Center for Energy Efficiency and Renewable		916/442-7785 (CA)	916/ 447-2940	
NW						
10	Nancy Hirsh	Northwest Conservation Act Coalition		206/621-0094 (WA)	206/ 621-0097	
10	Sara Patton	Northwest Conservation Act Coalition		206/621-0094 (WA)	206/ 621-0097	
10	J. Rachel Shimshak	Renewable Northwest Project		503/223-4544 (OR)	503/ 223-4554	
Uncertain						
3	Alden Meyer PR	Union of Concerned Scientists		(DC)		

Region	Name	Title/Affiliation	Background	Phone #	Fax #	Status
General/Nation-wide						
3	Thomas E. Lovejoy PRT	Counselor to Secretary of Interior; counselor for Biodiversity and Environmental Affairs, Smithsonian; Board of Directors, World Resources Institute	DOI; Wrote book on effects of climate change on biodiversity	202/786-2263 (DC)		
3	Joseph Romm PR	Acting Ass't Sec., Energy Efficiency and Renewable/DOE		202/586-9220 (DC)	202/ 586-9260	
Mid-Atl						
3	Jae Edmonds P	Batelle Labs (DOE)	Economic modeler; focus on trading and technology issues	202/646-5243 (DC)		left msg (JG)
3	Thomas E. Lovejoy PRT	Counselor to Secretary of Interior; counselor for Biodiversity and Environmental Affairs, Smithsonian; Board of Directors, World Resources Institute	DOI; Wrote book on effects of climate change on biodiversity	202/786-2263 (DC)		
3	Joseph Romm PR	Acting Ass't Sec., Energy Efficiency and Renewable/DOE		202/586-9220 (DC)	202/ 586-9260	
SW						
9	Evan Mills PR	Lawrence Berkeley Labs/DOE	Energy efficiency and reduced insurance risk	510/486-6784 (CA)	510/ 486-5394	(JG)

EPA Regional Offices and State Breakdown

Alabama	AL	IV	Maine	ME	I	Pennsylvania	PA	III
Alaska	AK	X	Maryland	MD	III	Rhode Island	RI	I
Arizona	AZ	IX	Massachusetts	MA	I	South Carolina	SC	IV
Arkansas	AR	VI	Michigan	MI	V	South Dakota	SD	VIII
California	CA	IX	Minnesota	MN	V	Tennessee	TN	IV
Colorado	CO	VIII	Mississippi	MS	IV	Texas	TX	VI
Connecticut	CT	I	Missouri	MO	VII	Utah	UT	VIII
Delaware	DE	III	Montana	MT	VIII	Vermont	VT	I
District of Columbia	DC	III	Nebraska	NE	VII	Virginia	VA	III
Florida	FL	IV	Nevada	NV	IX	Washington	WA	X
Georgia	GA	IV	New Hampshire	NH	I	West Virginia	WV	III
Hawaii	HI	IX	New Jersey	NJ	II	Wisconsin	WI	V
Idaho	ID	X	New Mexico	NM	VI	Wyoming	WY	VIII
Illinois	IL	V	New York	NY	II	American Samoa	AS	IX
Indiana	IN	V	North Carolina	NC	IV	Canal Zone	CZ	
Iowa	IA	VII	North Dakota	ND	VIII	Guam	GU	IX
Kansas	KS	VII	Ohio	OH	V	Puerto Rico	PR	II
Kentucky	KY	IV	Oklahoma	OK	VI	Trust Territories	TT	
Louisiana	LA	VI	Oregon	OR	X	Virgin Islands	VI	II



Region I	CT ME MA NH RI VT	Region III	DE DC MD PA VA WV	Region V	IL IN MI MN OH WI	Region VII	IA KS MO NE	Region IX	AZ CA HI NV AS GU
Region II	NJ NY PR VI	Region IV	AL FL GA KY MS NC TN	Region VI	AR LA NM OK TX	Region VIII	CO MT ND SD UT WY	Region X	AK ID OR WA