



AGENDA

THE WASHINGTON CLIMATE CHANGE IMPACTS ASSESSMENT CONFERENCE

February 12, 2009

Washington State Convention Center, Seattle, WA

*all conference materials/presentations will be available at <http://cses.washington.edu/cig/outreach/waccia/>

Overview of the Day		
7:30-9:00	REGISTRATION	East Lobby
9:00	WELCOME/OPENING REMARKS <i>Edward Miles, UW Climate Impacts Group and Jay Manning, Director, Washington Department of Ecology</i>	Plenary - Room 6B
9:15	INTRODUCTION TO THE WASHINGTON CLIMATE CHANGE IMPACTS ASSESSMENT (WACCIA) <i>Edward Miles, UW Climate Impacts Group</i>	
9:30	UPDATE ON GLOBAL CLIMATE CHANGE SCIENCE SINCE THE 2007 IPCC ASSESSMENT <i>Philip Mote, UW Climate Impacts Group and Washington State Climatologist</i>	
10:00	Q&A #1 ON MORNING PRESENTATIONS <i>Moderated by Nathan Mantua, UW Climate Impacts Group</i>	
10:15	<i>Break</i>	
10:45	KEY FINDINGS FROM THE WACCIA <i>Marketa McGuire, UW Climate Impacts Group</i>	
11:15	THE WHYS AND HOWS OF ADAPTING TO CLIMATE CHANGE <i>Lara Whitely Binder, UW Climate Impacts Group</i>	
11:45	Q&A #2 ON MORNING PRESENTATIONS <i>Moderated by Nathan Mantua, UW Climate Impacts Group</i>	
12:00	<i>Lunch (provided)</i>	Room 6C
1:00	SECTOR BREAKOUTS Agriculture, coasts, energy, forests, human health, hydrology/water resources, salmon, and urban stormwater infrastructure (<i>see individual session agendas</i>)	Varies with session
3:30	<i>Break / Reconvene in plenary</i>	Plenary - Room 6B
3:45	TOOLS AND RESOURCES FOR BUILDING ADAPTIVE CAPACITY <i>Lara Whitely Binder, UW Climate Impacts Group</i>	
4:15	STATE-LEVEL ACTIONS TO ADDRESS CLIMATE CHANGE PREPARATION AND ADAPTATION <i>Spencer Reeder, Washington Department of Ecology</i>	
4:45	CLOSING REMARKS <i>Edward Miles, UW Climate Impacts Group</i>	
5:00	CONFERENCE ADJOURNS	

BREAKOUT SESSION AGENDAS

All breakout sessions are 1:00-3:30pm

AGRICULTURE (Room 604)	
1:00	INTRODUCTION/OVERVIEW <i>Ralph Cavalieri, Director, WSU Agricultural Research Center</i>
1:15	PRESENTATION <ul style="list-style-type: none"> ASSESSMENT OF CLIMATE CHANGE IMPACTS ON EASTERN WASHINGTON AGRICULTURE <i>Claudio Stöckle, Professor and Dept. Chair, Washington State University</i>
2:15	PANEL DISCUSSION Moderator: <i>Chad Kruger, Washington State University</i> Panelists: <i>Ralph Cavalieri, Director, WSU Agricultural Research Center</i> <i>Kirk Cook, Natural Resources Assessment Section Manager, Washington Dept. of Agriculture</i> <i>Andy Jenson, Director of Research Washington, State Potato Commission</i> <i>Craig Smith, Resource Adviser, Northwest Food Processors Association</i>
3:10	RESEARCH/POLICY NEEDS (FACILITATED DISCUSSION) Facilitator: <i>Claudio Stöckle, Professor and Dept. Chair, Washington State University</i>
3:30	BREAK / END OF BREAKOUT SESSION (return to plenary at 3:45)

COASTS (Room 613/614)	
1:00	INTRODUCTION/OVERVIEW <i>Dan Huppert, UW School of Marine Affairs</i>
1:05	PRESENTATIONS: <ul style="list-style-type: none"> COASTAL IMPACTS: OVERVIEW, SHELLFISH AQUACULTURE, AQUIFERS, AND PORTS <i>Dan Huppert, UW School of Marine Affairs</i> COASTAL IMPACTS: BEACHES, SPITS, BLUFFS, AND FUTURE RESEARCH NEEDS <i>Amber Moore, UW School of Marine Affairs</i> LEGAL IMPLICATIONS OF SEA LEVEL RISE <i>Jessica Levin, Attorney at Law</i>
2:20	PANEL DISCUSSION Moderator: <i>Dan Huppert, UW School of Marine Affairs</i> Panelists: <i>Hugh Shipman, Coastal Geologist, Washington Dept. of Ecology</i> <i>Robin Downey, Executive Director, Pacific Coast Shellfish Growers Assoc.</i> <i>Andy Haub, Planning and Engineering Mngr., City of Olympia Dept. of Public Works</i> <i>Greg Hood, Research Scientist, Skagit River System Cooperative</i> <i>Sue Mauermann, Director of Environmental Programs, Port of Tacoma</i>
3:10	RESEARCH/POLICY NEEDS (FACILITATED DISCUSSION) Facilitator: <i>Dan Huppert, UW School of Marine Affairs</i>
3:30	BREAK / END OF BREAKOUT SESSION (return to plenary at 3:45)

ENERGY (Room 609)	
1:00	INTRODUCTION/OVERVIEW <i>Alan Hamlet, UW Climate Impacts Group</i>
1:05	PRESENTATION <ul style="list-style-type: none"> • EFFECTS OF PROJECTED CLIMATE CHANGE ON ENERGY SUPPLY AND DEMAND IN THE PACIFIC NORTHWEST AND WASHINGTON STATE <i>Alan Hamlet, UW Climate Impacts Group</i>
2:00	PANEL DISCUSSION Moderator: <i>Alan Hamlet, UW Climate Impacts Group</i> Panelists: <i>Dick Adams, Executive Director, Pacific Northwest Utilities Conference Comm. Lynn Best, Environmental Affairs Director, Seattle City Light Adam Bless, Facility Analyst, Oregon Dept. of Energy Scott Eichelberger, Managing Director, 3 Tier North America Jason Eisdorfer, Bonneville Power Administration Stan Price, Executive Director, Northwest Energy Efficiency Council David Sjoding, Renewables and Engineering Div. Mngr., WSU Energy Program</i>
3:00	RESEARCH/POLICY NEEDS (FACILITATED DISCUSSION) Facilitator: <i>Alan Hamlet, UW Climate Impacts Group</i>
3:30	BREAK / END OF BREAKOUT SESSION (return to plenary at 3:45)

FORESTS (Room 612)	
1:00	INTRODUCTION/OVERVIEW <i>Don McKenzie, U.S. Forest Service</i>
1:05	PRESENTATIONS <ul style="list-style-type: none"> • WASHINGTON'S FORESTS IN A CHANGING CLIMATE <i>Don McKenzie, U.S. Forest Service</i> • THE ROLE OF CLIMATE CHANGE IN TREE SPECIES DISTRIBUTION AND PRODUCTIVITY <i>Jeremy Littell, UW Climate Impacts Group</i> • CLIMATE CHANGE AS A DRIVER IN MOUNTAIN PINE BEETLE OUTBREAKS IN EASTERN WASHINGTON <i>Elaine Oneil, UW College of Forest Resources</i> • FIRE AND CLIMATE CHANGE IN WASHINGTON <i>Jeremy Littell, UW Climate Impacts Group</i>
2:20	PANEL DISCUSSION Moderator: <i>Dave Peterson, U.S. Forest Service</i> Panelists: <i>Craig Partridge, Policy Director, Washington Dept. of Natural Resources Kathy O'Halloran, Natural Resources Staff Officer, Olympic National Forest Karen Ripley, Forest Health Program Mngr., Washington Dept. of Natural Resources Steve Rigdon, Yakama Power</i>
3:10	RESEARCH/POLICY NEEDS (FACILITATED DISCUSSION) Facilitator: <i>Jeremy Littell, UW Climate Impacts Group</i>
3:30	BREAK / END OF BREAKOUT SESSION (return to plenary at 3:45)

HEALTH (Room 611)	
1:00	INTRODUCTION/OVERVIEW <i>Roger Rosenblatt, UW School of Medicine</i>
1:05	PRESENTATIONS <ul style="list-style-type: none"> • HEAT-RELATED MORTALITY IN WASHINGTON STATE, PAST AND FUTURE <i>J. Elizabeth Jackson, UW Dept. of Sociology</i> • CLIMATE CHANGE, AIR QUALITY, AND HEALTH <i>Catherine Karr, UW School of Public Health and Community Medicine</i>
2:05	PANEL DISCUSSION Moderator: <i>Roger Rosenblatt, UW School of Medicine</i> Panelists: <i>Gregg Grunenfelder, Assistant Secretary, Div. of Environmental Health, Washington Dept. of Health</i> <i>Brian Lamb, Regents Professor, Washington State University</i> <i>Richard Hoskins, Spatial Epidemiologist, Washington State Dep. of Health and UW Epidemiology, Bioinformatics</i> <i>Ngozi Oleru, Director, Seattle-King County Public Health/ Environmental Health Division</i> <i>Bob Saunders, Air Quality Program, Washington Dept. of Ecology</i>
3:10	RESEARCH/POLICY NEEDS (FACILITATED DISCUSSION) Facilitator: <i>Catherine Karr, UW School of Public Health and Community Medicine</i>
3:30	BREAK / END OF BREAKOUT SESSION (return to plenary at 3:45)

HYDROLOGY AND WATER RESOURCES (Room 606/607)	
1:00	INTRODUCTION/OVERVIEW <i>Dennis Lettenmaier, UW Climate Impacts Group</i>
1:10	PRESENTATIONS: <ul style="list-style-type: none"> • IMPLICATIONS OF 21ST CENTURY CLIMATE CHANGE FOR THE HYDROLOGY OF WASHINGTON STATE <i>Marketa McGuire Elsner, UW Climate Impacts Group</i> • CLIMATE CHANGE IMPACTS ON WATER MANAGEMENT IN THE STATE OF WASHINGTON <i>Julie Vano, UW Dept. of Civil and Environmental Engineering</i>
2:00	PANEL DISCUSSION Moderator: <i>Dennis Lettenmaier, UW Climate Impacts Group</i> Panelists: <i>Ken Brettman, Hydraulic Engineer, U.S. Army Corps of Engineers</i> <i>Joan Kersnar, Water System Planning Supervisor, Seattle Public Utilities</i> <i>Tom Laurie, Governmental Liaison, Washington Dept. of Ecology</i> <i>Pat McGrane, Program Manager, River and Reservoir Operations Group, U.S. Bureau of Reclamation</i> <i>Phil Pasteris, Principal Technologist, CH2M Hill</i> <i>Lorna Stickel, Water Resources Planning Manager, Portland Water Bureau</i>
3:15	RESEARCH/POLICY NEEDS (FACILITATED DISCUSSION) Facilitator: <i>Dennis Lettenmaier, UW Climate Impacts Group</i>
3:30	BREAK / END OF BREAKOUT SESSION (return to plenary at 3:45)

SALMON (Room 602/603)	
1:00	INTRODUCTION/OVERVIEW <i>Nate Mantua, UW Climate Impacts Group</i>
1:05	PRESENTATIONS <ul style="list-style-type: none"> • PROJECTED IMPACTS OF CLIMATE CHANGE ON FRESHWATER TEMPERATURES AND WHY THIS IS SIGNIFICANT FOR WASHINGTON’S SALMON <i>Ingrid Tohver, UW Climate Impacts Group</i> • PROJECTED CLIMATE CHANGE IMPACTS ON ASPECTS OF STREAMFLOW IMPORTANT FOR SALMON <i>Nate Mantua, UW Climate Impacts Group</i> • DIRECT AND INDIRECT IMPACTS OF CLIMATE CHANGE ON WA SALMON IN FRESHWATER; ADAPTATION OPTIONS AND STRATEGIES <i>Pete Bisson, U.S. Forest Service PNW Station</i>
2:20	PANEL DISCUSSION Facilitator: <i>Nate Mantua, UW Climate Impacts Group</i> Panelists: <i>Michelle McClure, Research Fish Biologist, NOAA</i> <i>Sara LaBorde, Special Assistant to the Director, Washington Dept. of Fish and Wildlife</i> <i>Kit Rawson, Harvest Management Biologist, Tulalip Tribes</i> <i>Charles (“Chuck”) Hudson, CRITFC</i>
3:10	RESEARCH/POLICY NEEDS (FACILITATED DISCUSSION) Facilitator: <i>Nate Mantua, UW Climate Impacts Group</i>
3:30	BREAK / END OF BREAKOUT SESSION (return to plenary at 3:45)

URBAN STORMWATER INFRASTRUCTURE (Room 608)	
1:00	INTRODUCTION/OVERVIEW <i>Derek Booth, University of Washington and Stillwater Sciences, Inc.</i>
1:05	PRESENTATIONS: <ul style="list-style-type: none"> • HISTORICAL AND FUTURE TRENDS IN PRECIPITATION EXTREMES IN WASHINGTON STATE <i>Eric Rosenburg, UW Dept. of Civil and Environmental Engineering</i> • PREDICTING FUTURE FLOOD EXTREMES IN THE SEATTLE AREA <i>David Hartley, Northwest Hydraulics</i> • SUMMARY OF CLIMATE CHANGE IMPACTS ON STORMWATER INFRASTRUCTURE <i>Derek Booth, University of Washington and Stillwater Sciences, Inc.</i>
2:20	PANEL DISCUSSION Moderator: <i>Derek Booth, University of Washington and Stillwater Sciences, Inc.</i> Panelists: <i>Bill Leif, Snohomish County</i> <i>Gary Schimek, Seattle Public Utilities</i> <i>Ed O’Brien, Washington Dept. of Ecology</i> <i>Paula Vanhaagen, U.S. Environmental Protection Agency</i>
3:10	RESEARCH/POLICY NEEDS (FACILITATED DISCUSSION) Facilitator: <i>Derek Booth, University of Washington and Stillwater Sciences, Inc.</i>
3:30	BREAK / END OF BREAKOUT SESSION (return to plenary at 3:45)