

## Northeast Water and Climate Change Forum, Feb. 1-2, 2011 [as of Jan. 13, 2011]

Name	Contact Info	E-mail	Areas of Interests
Christy Aden	Project Specialist University of the District of Columbia Bldg 44 Room # 120 4200 Conn. Ave., NW Washington, DC 20008 PH 202-274-7091	<a href="mailto:caden@udc.edu">caden@udc.edu</a>	Environmental Stewardship: <ul style="list-style-type: none"> <li>• Water Quality via Rain Garden Development and Youth and Teacher Education;</li> <li>• Specialty Crops; Invasive Species; Food Sovereignty and Food Security</li> </ul>
Jose Amador	Professor Dept. of Natural Resources Science 024 Coastal Institute University of Rhode Island Kingston, RI 02881 PH 401-874-2902	<a href="mailto:jamador@uri.edu">jamador@uri.edu</a>	<ul style="list-style-type: none"> <li>• Use of molecular methods to track human fecal contamination</li> <li>• Microbial ecology and biogeochemistry of onsite wastewater treatment systems</li> </ul>
James (Jim) Anderson	Professor of Wildlife Ecology and Management & Director, Environmental Research Center West Virginia University Division of Forestry and Natural Resources PO Box 6125 Morgantown, WV 26506-6125 PH 304 293-3825	<a href="mailto:jim.anderson@mail.wvu.edu">jim.anderson@mail.wvu.edu</a>	Wetlands Ecology and Management, Wildlife Ecology and Management, Restoration Ecology
Richard Anyah	Assistant Professor Dept. of Natural Resources and the Environment University of Connecticut 1376 Storrs Road, Unit 4087 Storrs, CT 06269 PH 860-486-5861	<a href="mailto:Richard.anyah@uconn.edu">Richard.anyah@uconn.edu</a>	<ul style="list-style-type: none"> <li>• Modeling regional climate dynamics, variability and changes</li> <li>• Modeling coupled climate-hydrologic changes</li> <li>• Dynamical downscaling of global climate scenarios for impacts, adaptation and vulnerability (IAV) in the agriculture and water sectors</li> <li>• Climate-human-ecosystem interactions</li> </ul>
Linda Kay Benning	Executive Director, Northeast Extension Directors 1307 New York Avenue, NW, Suite 400 Washington, DC 20005 PH 202-478-6065	<a href="mailto:lbenning@apl.u.org">lbenning@apl.u.org</a>	Cooperative Extension including all aspects from agriculture to the family unit use of water.
Fisseha Berhane	Graduate Student, Research Assistant The University of Connecticut U-4087, 1376 Storrs Road Storrs, CT 06269-4087	<a href="mailto:fisseha.berhane@uconn.edu">fisseha.berhane@uconn.edu</a>	<ul style="list-style-type: none"> <li>• Surface hydrology and climate interactions and feedbacks</li> <li>• Drought trends in the USA</li> <li>• Hydroclimatology of the USA: past and future</li> </ul>

Frank Coale	PH 860-486-1876 Professor & Department Chair Dept. of Environmental Science & Tech. 1109 H. J. Patterson Hall University of Maryland College Park, MD 20742 PH 301-405-1306	<a href="mailto:fcoale@ummd.edu">fcoale@ummd.edu</a>	Agricultural nutrient management, agro-ecosystem management, agricultural best management practices for minimizing off-field nutrient transport, farming system adaptation to a changing climate
Corrie Cotton	Research Assistant Professor University of Maryland Eastern Shore Department of Agriculture, Food, and Resource Sciences One Backbone Road Princess Anne, MD 21853 PH 410-651-6630	<a href="mailto:ccotton@umes.edu">ccotton@umes.edu</a>	Plant and Soil Science Horticulture Food Safety Sustainable Agriculture Education and Outreach
Robert Dadson	Professor University of Maryland Eastern Shore 30921 Martin Court Princess Anne, MD 21853 PH 410-651-6629	<a href="mailto:rbdadson@umes.edu">rbdadson@umes.edu</a>	
Art Gold	Professor and Director, Northeast States and Caribbean Islands Regional Water Program 110 Coastal Institute, University of Rhode Island, Kingston, RI 02881 PH 401-874-2903	<a href="mailto:agold@uri.edu">agold@uri.edu</a>	<ul style="list-style-type: none"> <li>Watershed Hydrology and water quality- exploring challenges from climate variability and climate change</li> <li>Adaptation to climate change</li> </ul>
Kyle Hartman	Professor and Program Chair, Wildlife & Fisheries Program West Virginia University Division of Forestry and Natural Resources, 322 Percival Hall Morgantown, WV 26506-6125 PH 304-293-4797	<a href="mailto:Hartman@wvu.edu">Hartman@wvu.edu</a>	I am interested in all aspects related to Climate Change impacts on water quality and quantity as it relates to aquatic organisms.
Fawzy Hashem	Research Associate Professor Department of Agriculture, Food and Resource Sciences Trigg Hall University of Maryland Eastern Shore Princess Anne, Maryland 21853 PH 410-651-6632	<a href="mailto:fmhashem@umes.edu">fmhashem@umes.edu</a>	Microbial Food Safety of Fresh Produce. Environmental Microbiology (Soil and Water Microbiology), Microbial Source Tracking, Bioremediation, Phytoremediation, Plant-Microbe Interactions.
Wellela Hirpassa	Water Quality Education Agent University of the District of Columbia	<a href="mailto:whirpassa@udc.edu">whirpassa@udc.edu</a>	Water Quality Education and Food Security

<p>Michael Hoffmann</p>	<p>4200 Connecticut Avenue, NW Building 44, Room 120 Washington, DC 20008 PH 202-274-7087</p> <p>Director Cornell University Agricultural Experiment Station 240 Roberts Hall Ithaca, NY 14853 PH 607-255-2552</p>	<p><a href="mailto:mph3@cornell.edu">mph3@cornell.edu</a></p>	<p>My interests focus on building collaborations across the region that improve our collective ability to address the challenges posed by global warming.</p>
<p>Bill Lamp</p>	<p>Associate Professor Dept. of Entomology University of Maryland College Park, MD 20742 PH 301-405-3959</p>	<p><a href="mailto:lamp@umd.edu">lamp@umd.edu</a></p>	<p>Integrated pest management, adaptation of IPM to climate change, forage crop production, freshwater invertebrates, nutrient pollution, agricultural ditches</p>
<p>Andrew Lazur</p>	<p>Agriculture and Natural Resource Program Leader University of Maryland Extension 1212 Symons Hall University of Maryland College Park, MD 20742 PH 301-405-7992</p>	<p><a href="mailto:lazur@umd.edu">lazur@umd.edu</a></p>	<p>Water quality effects on aquatic natural resources -- flora and fauna</p>
<p>Paul Leisnham</p>	<p>Assistant Professor (Ecology and Health) 1443 Animal Sciences Bldg. University of Maryland College Park, MD 20742 PH 301-405-8569</p>	<p><a href="mailto:leisnham@umd.edu">leisnham@umd.edu</a></p>	<ul style="list-style-type: none"> <li>• Emerging disease vectors, including mosquitoes that transmit West Nile, Eastern Equine Encephalitis, and imported dengue.</li> <li>• Investigating how elements of <u>global change</u>, including <u>invasive species</u>, <u>climate change</u> and <u>land use change</u>, affect mosquito pest and disease risk.</li> <li>• Aquatic macroinvertebrates as ecosystem-based bioindicators of stream and wetland quality.</li> <li>• Ecological factors driving mosquito production from ground pool (e.g., stormwater BMPs) and container (e.g., trash receptacles, treeholes) habitats, and household and community responses to perceived or real mosquito risks.</li> </ul>
<p>George Loomis</p>	<p>Research and Extension Soil Scientist and Director of the New England Onsite Wastewater Training Center 001C Coastal Institute Bldg. URI - NRS Dept.</p>	<p><a href="mailto:GLoomis@uri.edu">GLoomis@uri.edu</a></p>	<ul style="list-style-type: none"> <li>• Onsite wastewater treatment and dispersal.</li> </ul> <p><i>Coordinator and regional technical committee member of Hatch Multi-state Project NE1045 "</i></p>

	<p>1 Greenhouse Rd. Kingston, RI 02881 PH 401-874-4558</p>		<p><i>Design, Assessment and Management of Onsite Wastewater Treatment Systems: Addressing the Challenges of Climate Change</i></p>
<p>Greg McCarty</p>	<p>Soil Scientist USDA-ARS Hydrology &amp; Remote Sensing Laboratory Building 007 BARC-West Beltsville, MD 20705 PH 301-504-7401</p>	<p><a href="mailto:greg.mccarty@ars.usda.gov">greg.mccarty@ars.usda.gov</a></p>	<p>Impacts of climate change on soil quality and in particular carbon sequestration and storage. Impacts of climate change on water quality and in particular on health of the Chesapeake Bay Watershed.</p>
<p>William McDowell</p>	<p>Professor UNH, Natural Resources and the Environment James Hall, Room 170 Durham, NH 03824 PH 603-862-2249</p>	<p><a href="mailto:bill.mcdowell@unh.edu">bill.mcdowell@unh.edu</a></p>	<p>Environmental Quality</p>
<p>Vincent Owanda Otieno</p>	<p>Research Assistant Dept. of Natural Resources and the Environment University of Connecticut 1376 Storrs Road, Young's BLD, Unit 8047 Storrs, CT 06269 PH 860-944-7585</p>	<p><a href="mailto:vincent.owanda@uconn.edu">vincent.owanda@uconn.edu</a></p>	<ul style="list-style-type: none"> <li>• Dynamical downscaling of climate scenarios for regional impacts, vulnerability and adaptation assessments</li> <li>• Land use/cover changes, their impacts and linkages to regional hydro-climatic changes</li> </ul>
<p>Doug Parker</p>	<p>Director, Mid-Atlantic Water Program Marquee Professor of Science and Technology Agricultural and Resource Economics 2200 Symons Hall University of Maryland College Park, MD 20742 PH 301-405-8042</p>	<p><a href="mailto:dougp@umd.edu">dougp@umd.edu</a></p>	<ul style="list-style-type: none"> <li>• Policy Decisions and Climate Change</li> <li>• Ecosystem Service Markets</li> <li>• Water Quality Implications and Climate Change</li> </ul>
<p>Julia Peterson</p>	<p>Extension Specialist NH Sea Grant Kingman Farm University of New Hampshire Durham, NH 03824-3512 PH 603-749-1565</p>	<p><a href="mailto:Julia.peterson@unh.edu">Julia.peterson@unh.edu</a></p>	<p>I work for both New Hampshire (NH) Sea Grant and University of NH Cooperative Extension on water quality and quantity issues including water and coastal resource protection, stormwater management and climate adaptation. The audiences for my work include, among others, municipal board members, municipal employees, natural resource professionals, development design professionals, environmental and watershed association members. Because of my Sea Grant</p>

			<p>role, I have been able to take advantage of trainings, regional and national networks and resources related to climate change and NOAA's commitment to improving climate literacy and providing climate services. I currently work with a team of organizations and agency staff members to assist communities in NH's coastal watershed to prepare and adapt to climate change. I also work with UNH climate science faculty, Cameron Wake, on a floodplain remapping project for a local river watershed.</p>
Herbert Reed	<p>Extension Educator University of Maryland Extension Calvert County Office Box 486 Prince Frederick, MD 20678 PH 301-855-1150</p>	<p><a href="mailto:hreed@umd.edu">hreed@umd.edu</a></p>	<ul style="list-style-type: none"> <li>Well and Septic Education</li> <li>Mitigating impacts of septic systems on ground and surface water quality</li> <li>Competing demands on available water sources.</li> </ul>
Susan Riha	<p>Professor Dept. of Earth &amp; Atmospheric Sciences and Director, NYS Water Resources Institute 1110 Bradfield Hall Cornell University Ithaca, NY 14853 PH 607-255-1729</p>	<p><a href="mailto:sjr4@cornell.edu">sjr4@cornell.edu</a></p>	<ul style="list-style-type: none"> <li>Climate change impacts on hydrologic cycle, including drought, runoff and flooding</li> <li>Improved application of climate change projections to hydrologic, crop and management projections and models</li> <li>Decision making in the face of climate uncertainty (robust decisions, adaptive management, no regrets solutions)</li> </ul>
Gary Robbins	<p>Professor of Geology Department of Natural Resources and the Environment University of Connecticut 1376 Storrs Road W.B. Young Bldg, Room 313 Storrs, CT 06269-4087 PH 860 486-2448</p>	<p><a href="mailto:gary.robbs@uconn.edu">gary.robbs@uconn.edu</a></p>	<p>Sustainability of the crystalline bedrock water supply for agriculture. Impact of climate change on movement of contamination. Measurement of climate change impacts to ground water resources. Establishing realtime remote monitoring systems.</p>
Daniel Rossi	<p>Executive Director, NERA Northeastern Regional Assoc. of State Agric. Experiment Station Directors Foran Hall Rm. 363 59 Dudley Road New Brunswick, NJ 08901-8520 PH 732-932-9375 x337</p>	<p><a href="mailto:rossi@aesop.rutgers.edu">rossi@aesop.rutgers.edu</a></p>	

Amy Rowe	Environmental and Resource Management Agent -- Essex/Passaic Counties 621a Eagle Rock Ave. Roseland, NJ 07068 PH 973-287-6360	<a href="mailto:rowe@njaes.rutgers.edu">rowe@njaes.rutgers.edu</a>	stormwater management, low impact development, stormwater best management practices, organic contaminants
Ali Sadeghi	Soil Physicist USDA-BARC-West, B-007 10300 Baltimore Ave. Beltsville, MD 20705 PH 301-504-6693	<a href="mailto:Ali.Sadeghi@ars.usda.gov">Ali.Sadeghi@ars.usda.gov</a>	<ul style="list-style-type: none"> <li>Water quality &amp; pollution assessment, monitoring &amp; modeling (various scales)</li> <li>Pathogen fate and transport (monitoring/modeling)</li> <li>Environmental risk assessment</li> </ul>
Jeffrey Schloss	Extension Professor, Biological Sciences and Water Resources Specialist University of New Hampshire 133 Spaulding Hall, 38 Academic Way Durham, NH 03824-3544 PH 603-862-3848	<a href="mailto:jeff.schloss@unh.edu">jeff.schloss@unh.edu</a>	<ul style="list-style-type: none"> <li>Watershed Water Quality Assessment</li> <li>Nutrient Loading Coefficients/Watershed Modeling</li> <li>Community Water Resources Management &amp; Protection</li> <li>Aquatic Invasive Species</li> <li>Citizen Science/Volunteer Water Quality Monitoring</li> <li>Sustainable Watershed Development/Landscaping Practices</li> </ul> <p>All above in context of Climate Change</p>
Adel Shirmohammadi	Associate Dean and Associate Dir. Maryland Agric. Experiment Station University of Maryland 1201 Symons Hall College Park, MD 20742 PH 301-405-2459	<a href="mailto:ashirmo@umd.edu">ashirmo@umd.edu</a>	<ol style="list-style-type: none"> <li>Watershed Hydrologic and water quality Modeling and Monitoring,</li> <li>Impact of climate variability on hydrologic and water quality responses of watersheds</li> <li>Factors affecting water resources (both quantity and quality)</li> <li>Watershed Sustainability (water quality, economics, human health) as affected by Climate change</li> </ol>
Iveracottis Short	Project Specialist University of the District of Columbia Bldg 44 Room # 120 4200 Conn. Ave., NW Washington, DC 20008 PH 202-274-7171	<a href="mailto:ishort@udc.edu">ishort@udc.edu</a>	<p>Environmental Stewardship:</p> <ul style="list-style-type: none"> <li>Water Quality via Rain Garden Development and Youth and Teacher Education;</li> <li>Specialty Crops;</li> <li>Invasive Species;</li> <li>Food Sovereignty and Food Security</li> </ul>
Joseph T. Spence	Director Beltsville Area Agricultural Research Service 10300 Baltimore Avenue, Room 223	<a href="mailto:Joseph.Spence@ars.usda.gov">Joseph.Spence@ars.usda.gov</a>	

	Beltsville, MD 20705 PH 301-504-6078		
Glenn Warner	Professor Dept. of Natural Resources and the Environment University of Connecticut 1376 Storrs Rd. Unit 4087 Storrs, CT 06269-4087 PH 860-486-0140	<a href="mailto:glenn.warner@uconn.edu">glenn.warner@uconn.edu</a>	Water resources, hydrologic processes, watershed modeling, systems modeling, hillslope hydrology, ground water-surface water interactions
Ray Weil	Professor of Soil Science Dept. Environ. Sci. and Technology 1109 HJ Patterson Hall University of Maryland College Park, MD 20742 PH 301-405-1314	<a href="mailto:rweil@umd.edu">rweil@umd.edu</a>	<ul style="list-style-type: none"> <li>• C sequestration in soils</li> <li>• Cover crops for water quality/quantity</li> <li>• Nutrient cycle efficiencies</li> </ul>
Cheng-i Wei	Dean, College of Agric. and Natural Res. Director, University of Maryland Extension Director, MD Agric. Experiment Station 1296 Symons Hall University of Maryland College Park, MD 20742 PH 301-405-2072	<a href="mailto:wei@umd.edu">wei@umd.edu</a>	<ul style="list-style-type: none"> <li>• Environmental toxicology and contamination</li> <li>• Environmental microbiology</li> </ul>
Wilfred Wollheim	Assistant Professor UNH, Natural Resources and the Environment Morse Hall, Room 211 Durham, NH 03824 PH 603-862-0812	<a href="mailto:wil.wollheim@unh.edu">wil.wollheim@unh.edu</a>	<p>Biogeochemical and hydrological responses to land use and climate change</p> <p>Controls of nutrient flux and attenuation in river networks</p> <p>The role of storm events in controlling mobilization and fate of carbon and nutrients from different land uses</p> <p>Nitrogen and carbon cycling in aquatic environments</p> <p>Regional and global biogeochemistry of nutrients and carbon</p> <p>Feedbacks among biogeochemistry, hydrology, and human activities through time</p> <p>Development of regional to continental scale aquatic ecosystem models</p> <p>Characterization of hydrology-related ecosystem services</p>
In-Young Yeo	Assistant Professor Department of Geography	<a href="mailto:iyeo@umd.edu">iyeo@umd.edu</a>	Watershed modeling and analysis, land use modeling, GIS, spatial analysis

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