

# CLEANER Workshop II

Hyatt Whitney Hotel, Minneapolis, Minnesota

October 20-22, 2002

## List of Participants

Name	Affiliation	Expertise	Email Address
Mike Aitken	University of North Carolina	biological process engineering	<a href="mailto:mike_aitken@unc.edu">mike_aitken@unc.edu</a>
Jonathan Allen	Arizona State University	atmospheric aerosol composition and land/surface exchange	<a href="mailto:joallen@asu.edu">joallen@asu.edu</a>
Lisa Alvarez-Cohen	Arizona State University	environmental microbiology, bioremediation, and water quality	<a href="mailto:alvarez@ce.berkeley.edu">alvarez@ce.berkeley.edu</a>
Larry Baker	University of Minnesota	applied biogeochemistry to water quality problems	<a href="mailto:baker127@umn.edu">baker127@umn.edu</a>
Tom Barnwell	Environmental Protection Agency	environmental modeling	<a href="mailto:Barnwell.Thomas@epamail.epa.gov">Barnwell.Thomas@epamail.epa.gov</a>
Jaci Batista	University of Nevada, Las Vegas	water treatment technologies that combine physico-chemical and biological methods	<a href="mailto:jaci@ce.unlv.edu">jaci@ce.unlv.edu</a>
Paul Bishop	University of Cincinnati	bioremediation, environmental sensing using microelectrodes, and mass transport in soil biofilms	<a href="mailto:paul.bishop@uc.edu">paul.bishop@uc.edu</a>
Jim Bonner	Texas A&M University	environmental assessment of the coastal margin	<a href="mailto:bonner@tamu.edu">bonner@tamu.edu</a>
Patrick Brezonik	University of Minnesota		<a href="mailto:brezo001@umn.edu">brezo001@umn.edu</a>
Philippe Buhlmann	University of Minnesota	development of chemical sensors	<a href="mailto:buhlmann001@umn.edu">buhlmann001@umn.edu</a>

<b>Name</b>	<b>Affiliation</b>	<b>Expertise</b>	<b>Email Address</b>
Paul Capel	University of Minnesota/USGS	environmental chemistry, environmental fate and behavior of organic chemicals	<a href="mailto:capel001@umn.edu">capel001@umn.edu</a>
Dean Carpenter	Water Environment Research Foundation	ecological risk assessment	<a href="mailto:dcarpenter@werf.org">dcarpenter@werf.org</a>
Nick Clesceri	National Science Foundation		<a href="mailto:nclescer@nsf.gov">nclescer@nsf.gov</a>
John Connolly	Quantitative Environmental Analysis	pollutant fate and transport	<a href="mailto:jconnolly@qeallc.com">jconnolly@qeallc.com</a>
Andria Costello	Syracuse University	applied environmental microbiology	<a href="mailto:costello@syr.edu">costello@syr.edu</a>
John Crittenden	Michigan Technological University	environmental engineering; sustainable industrial water treatment techniques	<a href="mailto:jcritt@mtu.edu">jcritt@mtu.edu</a>
John Cronin	Pace University		<a href="mailto:jcronin@pace.edu">jcronin@pace.edu</a>
Jo Culbertson	National Science Foundation	strategic planning and natural resource management	<a href="mailto:jculbert@nsf.gov">jculbert@nsf.gov</a>
Charley Driscoll	Syracuse University	environmental systems engineer	<a href="mailto:ctdrisco@syr.edu">ctdrisco@syr.edu</a>
John Fink	Arizona State University	volcanology, planetary geoscience, and urban ecology	<a href="mailto:JONATHAN.FINK@asu.edu">JONATHAN.FINK@asu.edu</a>
Efi Foufoula-Georgiou	University of Minnesota	hydrology, geomorphology, space-time variability, model verification from multiscale observations	<a href="mailto:efi@umn.edu">efi@umn.edu</a>
Dave Fries	University of South Florida	field sensors and field robotics and automation	<a href="mailto:Dfries@marine.usf.edu">Dfries@marine.usf.edu</a>

<b>Name</b>	<b>Affiliation</b>	<b>Expertise</b>	<b>Email Address</b>
Charles Glass	Howard University	wastewater treatment, nitrification-denitrification	<a href="mailto:cglass@howard.edu">cglass@howard.edu</a>
Peter Goodwin	University of Idaho	aquatic ecosystem restoration in rivers, wetlands and estuaries	<a href="mailto:pgoodwin@uidaho.edu">pgoodwin@uidaho.edu</a>
Bruce Hamilton	National Science Foundation	bioengineering and environmental systems	<a href="mailto:bhamilto@nsf.gov">bhamilto@nsf.gov</a>
Joe Hartman	Boise State University	large sensor systems	<a href="mailto:jhartman@boisestate.edu">jhartman@boisestate.edu</a>
Mariam Heller	National Science Foundation	systems engineering methods and tools for civil infrastructure and environmental systems problems	<a href="mailto:mheller@nsf.gov">mheller@nsf.gov</a>
Christopher Jones	University of California, Santa Barbara	environmental information management, software development	<a href="mailto:cjones@lifesci.ucsb.edu">cjones@lifesci.ucsb.edu</a>
Kimberly Jones	Howard University	physical-chemical processes for water treatment, membrane processes and sensor development	<a href="mailto:kjones@scs.howard.edu">kjones@scs.howard.edu</a>
Orie Loucks	Miami University	plant design ecologist, watershed/ecosystem modeler	<a href="mailto:loucksol@muohio.edu">loucksol@muohio.edu</a>
Nancy Love	Virginia Polytechnic Institute	molecular level phenomena that influence biological fate of contaminants, and biosensors	<a href="mailto:nlove@vt.edu">nlove@vt.edu</a>
Dick Luthy	Stanford University	environmental engineering and water quality	<a href="mailto:luthy@stanford.edu">luthy@stanford.edu</a>
Joseph McFadden	University of Minnesota	land-surface effects on regional climate and hydrology	<a href="mailto:mcfadden@umn.edu">mcfadden@umn.edu</a>

<b>Name</b>	<b>Affiliation</b>	<b>Expertise</b>	<b>Email Address</b>
Stephen Meacham	National Science Foundation/ATM		<a href="mailto:smeacham@nsf.gov">smeacham@nsf.gov</a>
Peter Milne	National Science Foundation	trace organic analysis in marine and atmospheric systems	<a href="mailto:pmilne@nsf.gov">pmilne@nsf.gov</a>
Horace Moo-Young	Lehigh University	solid waste management, hazardous waste, fate and transport	<a href="mailto:hkm3@lehigh.edu">hkm3@lehigh.edu</a>
Priscilla Nelson	National Science Foundation	geological and geotechnical engineering, underground construction	<a href="mailto:pnelson@nsf.gov">pnelson@nsf.gov</a>
Paige Novak	University of Minnesota	microbial degradation of contaminants in groundwater and sediment	<a href="mailto:novak010@umn.edu">novak010@umn.edu</a>
Jeff Peirce	Duke University	environmental engineering	<a href="mailto:peirce@duke.edu">peirce@duke.edu</a>
Tom Prudhomme	University of Illinois, Urbana-Champaign	systems ecology and environmental cyberinfrastructure	<a href="mailto:tip@ncsa.uiuc.edu">tip@ncsa.uiuc.edu</a>
Joan Rose	University of South Florida	water pollution microbiology: water quality and public health safety	<a href="mailto:jrose@seas.marine.usf.edu">jrose@seas.marine.usf.edu</a>
Art Sanderson	Rensselaer Polytechnic Institute	distributed sensor networks and robotics	<a href="mailto:sandea@rpi.edu">sandea@rpi.edu</a>
Samuel Scheiner	National Science Foundation	ecology and evolutionary biology	<a href="mailto:sscheine@nsf.gov">sscheine@nsf.gov</a>
Heinz Stefan	University of Minnesota	analysis and modeling of aquatic systems	<a href="mailto:stefa001@umn.edu">stefa001@umn.edu</a>
Deborah Swackhamer	University of Minnesota	environmental fate and transport	<a href="mailto:dswack@umn.edu">dswack@umn.edu</a>

<b>Name</b>	<b>Affiliation</b>	<b>Expertise</b>	<b>Email Address</b>
Ron Turco	Purdue University	organics transformation; microbial ecology; carbon sequestration	<a href="mailto:rturco@purdue.edu">rturco@purdue.edu</a>
Tom Waite	National Science Foundation	environmental engineering, water and wastewater treatment, innovative technologies	<a href="mailto:twait@nsf.gov">twait@nsf.gov</a>
Al Wallace	Rensselaer Polytechnic Institute	decision sciences	<a href="mailto:wallaw@rpi.edu">wallaw@rpi.edu</a>
Claire Welty	Drexel University	evaluation of flow and transport in aquifers	<a href="mailto:Claire.Welty@drexel.edu">Claire.Welty@drexel.edu</a>
Paul Werbos	National Science Foundation	computational intelligence; global energy/environment connections	<a href="mailto:pwerbos@nsf.gov">pwerbos@nsf.gov</a>