

2009 OU International WaTER Conference
University of Oklahoma, Thurman J. White Forum Building
Agenda as of September 17, 2009

Monday, October 26

7:15 - 7:50			
Buffet Breakfast (Corridor A/Conference Room A)			
8:00 - 8:30	Welcome (The Forum)	WaTER Center, College of Engineering and University of Oklahoma personnel	Welcome to the First OU International WaTER Conference and WaTER Prize Award Ceremony
8:30 - 9:20	Keynote 1 (The Forum)	Bartram, J.	Water-Related Disease: Global Burden and Future Perspectives
9:20 - 9:45			
Break (Conference Room B)			
9:45 - 10:45	Session 1A: Cultural and Logistical Issues (Suite A2/A4)	Session 2A: Drinking Water Treatment I (Suite A3/A5)	Session 3A: Mine Water Treatment (Suite B2/B4)
9:45-10:05	Allgood, G. Lessons Learned in Providing Safe Drinking Water with PUR Purifier of Water to One Million School Children and One Hundred Thousand People Living with AIDS	Smith, J. A., Yu, H., and Kallman, E. Field and Laboratory Studies Evaluating the Performance and Social Acceptance of Locally Produced Ceramic Water Filters Impregnated with Silver Nanoparticles	Llanos L, F., Strosnider, W.H., and Nairn, R.W. Mining in Potosi, Bolivia and the Struggle to Conserve or Reclaim Crucial Water Resources in a High Altitude Alpine Desert
10:05-10:25	MacRae, J.D., and McGuirl, K. The Picture Project: A Way to Get to Know a Community and it's Priorities When Time is Tight	Craver, V., Miranda, M., Narkiewicz S., and Li, X. Evaluation of Different Silver Compounds Applied to Point-of-Use Ceramic Water Filters	Strosnider, W.H., and Nairn, R.W. The Project for the Rehabilitation of Rio Juckucha, Bolivia: Unique Challenges, Coalition Formation and the Road Ahead
10:25-10:45	Luoto, Jill Information and Persuasion: Achieving Safe Water Behaviors in Kenya	Kohler, A., Soundarrajan, S., Stewart, M., Summers, R.S., and Bielefeldt, A.R. Impacts of Silver on Long term Disinfection by Point-of-Use Ceramic Water Filters	Santamaria, B., Apaza Q, M.R., Strosnider, W.H., and Nairn, R.W. Preliminary Evaluation of Locally Available Organic Substrates for Vertical Flow Passive Treatment Cells in Potosi, Bolivia
10:45-11:05			
Break (Conference Room B)			
11:05-12:05	Session 1B: Cultural and Logistical Issues (Suite A2/A4)	Session 2B9/17/2009 Drinking Water Treatment I (Suite A3/A5)	Session 3B: Wastewater Treatment (Suite B2/B4)
11:05-11:25	Alvarez, O. El Porvenir: Clean Water for Nicaragua	Gentry, J., Shell, S., and Adams, C. Implementation of SODIS Water Disinfection Technology in Rural Bolivia: Direct-Community Training Versus Classroom Instruction	Adelegan, J. Wetland System: A Cheaper and Efficient Treatment Option for the Food Processing Waste in Africa
11:25-11:45	Cope, C.O., Brunson, L.R., and Sabatini, D.A. Laying the Groundwork for a Large-Scale Sustainable Safe Water Implementation in the Brazilian Amazon	Davis, J., Boehm, A., Pickering, A., Rogers, K., and Mamuya S. Household-Level Test Results Impact Knowledge, Behavior, and Water and Hand Contamination Levels Among Peri-Urban Households in Tanzania	Ontieno, F., and Adeyemo, J. Variations in Pollutant Concentrations with Total Suspended Solids Concentrations in Urban Stormwater
11:45-12:05	Shrestha, B.K., and Shrestha, A.S. Children's Participation in Developing Child-friendly Water and Sanitation Facilities in Schools of Nepal	Hall, M. Ceramic water filter applications	Fuchs, V.J., and Mihelcic, J.R. Sanitation Development Technology and Management: What is the Appropriate Sanitation Expansion Path from Latrines?
12:05 - 1:10			
Lunch (Conference Room A) Morris, M. Senator Paul Simon Water for the Poor / Water for the World Act			
1:20 - 2:10			
Keynote 2 (The Forum) Silliman, S. Groundwater Projects in Benin, West Africa: Advances, Challenges and Student Opportunities			
2:10-2:30			
Break (Conference Room B)			
2:30 - 3:30	Session 4A: Cultural and Logistical Issues (Suite A2/A4)	Session 5A: Drinking Water Treatment II (Suite A3/A5)	Session 6A: Water Supply (Suite B2/B4)
2:30-2:50	Kleine, P.F. Lessons Learned in Five Years of Water Well Drilling in Tanzania	Lee, A., and Soerens, T. A Gravity-Fed Two Stage Water Filtration System for Two Villages in Belize	Schneider, S. Developing Countries Well Guidelines
2:50-3:10	Miller, N. From "Beautiful Bathrooms" to Social Marketing: The Water for People - Bolivia Sanitation Program Evolves	Heydari, T., Simon, A., and Yu, J. Assessment of Biosand Filtration Removal Efficiency Under Eutrophic Conditions and Critical Review on Performance of Existing Biosand Filtration Systems in Developing Countries	Cherry, J., and Chitwood, D.E. A Proposed Approach for Creating Water Wells in Villages in Mountains in China
3:10-3:30	Reinsch, C., and Adamski, R.E. Water for People Goes to the Dominican Republic	Amali, S. Natural Filtration as a Practical Surface Drinking Water Treatment Technology in the Third World	Campana, M.E. Well Drilling for Rural Community Water Supply in Developing Countries
3:30-3:50			
Break (Conference Room B)			
3:50-4:50	Session 4B: Health Assessments (Suite A2/A4)	Session 5B: Drinking Water Treatment II (Suite A3/A5)	Session 6B: Water Supply (Suite B2/B4)
3:50-4:10	Lyons, A.R., T. Zearley, M. Diekmann Analysis of Health Survey Data and its Implications for the Developing World: A Case Study in Rural Nepal	Chitwood, D.E. and Clary, C. Drinking Water Issues in Mountainous Southwest China	Fernando, W.B.G Sustainability of Small Scale Rural Water Supply Schemes Towards Achieving Millennium Development Goals in Sri Lanka
4:10-4:30	Nganso, A.Y. Durable Response to Cholera Epidemic Through Water, Hygiene and Sanitation Project in Likasi's District	Adeyemo, F., and Momba, M. Home Water Treatment Systems and Devices in the Rural Areas of South Africa	Sima, L., and Elimelech, M. A Quantitative Survey of the Informal Water Services Sector in Kisumu, Kenya
4:30-4:50	Ontieno, F., Adeyemo, J., and Adeyemo F. Water Borne Diseases in Some Villages in the Gauteng Province of South Africa	Lantagne, D., and Clasen, T. Point-of-Use Water Treatment in Emergency Response: Lessons Learned and Way Forward	Khan, Y. Mexico's Largest Maquiladora and What it Means to the Borderland's Water Supply and Water Quality
5:00 - 6:30			
Poster Session/Social (Conference Room B)			
Dinner on own			

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Tuesday October 27

7:15 - 8:15	Buffet Breakfast (Corridor A/Conference Room A)		
8:25 - 8:35	Announcements (The Forum)		
8:35 - 9:25	Keynote 3 (The Forum)	Quick, R.	It's Not About the Technology: The Challenges to Scaling Up Point-of-Use Water Treatment
9:25 - 9:45	Break (Conference Room B)		
9:45 - 10:45	Session 7A: Arsenic and Fluoride Treatment (Suite A2/A4)	Session 8A: Business Models and Financing (Suite A3/A5)	Session 9A: Water Resources (Suite B2/B4)
9:45-10:05	Cope, C.O., Sabatini, D.A., Sabatini, C., and Scott, C.	Ferric (hydr)Oxide-Coated, Charred Rice Hull Media for Removing Naturally-Occurring Arsenic from Cambodian Groundwaters Adelegan, J.	Eco-Innovation and Corporate Performance: The African Experience Harris, B.J.
10:05-10:25	Addy, S.E.A., van Genuchten, C., Gadgil, A.	Electrochemical Arsenic Remediation (ECAR) for Rural South Asia Adelegan, J.	Cows to Kilowatts: Abattoir Waste Turned into Clean Energy Barnett, L.M.
10:25-10:45	Miller, S., and Zimmerman, J.	Bio-Based Arsenic Sorbent Bridges, M., Trimpe, L., and Williams, J.F.	Using Traditional Business Development Techniques for Reaching the Bottom of Pyramid Garrido, A.E., Condori, J., Strosnider, W.H., and Nairn, R.W.
10:45-11:05	Break (Conference Room B)		
11:05-12:05	Session 7B: Arsenic and Fluoride Treatment (Suite A2/A4)	Session 8B: Business Models and Financing (Suite A3/A5)	Session 9B: Water Resources (Suite B2/B4)
11:05-11:25	Harrington, K., Roy, J., Abed, F., Das, A., Gadgil, and Addy, S.	Understanding Local Perceptions of Rural Water Treatment Systems - A Case Study from Arsenic-Affected Murshidabad District, India Gezahegn, H.	The Mixes that Heal the Water Tarhule, A., Dabi, D., and Woo, M.
11:25-11:45	Brunson, L.R., Sabatini, D.A.	Fish Bone Char as a Sustainable Technology for Fluoride Removal from Drinking Water in Developing Areas Zornes, G., and Kaminsky, J.	With Corporate Support, Consulting Engineers Contribute to Sustainable Change and International Development Soerens, T.
11:45-12:05	Feleke, Z., Mulugeta, E., Alemu, A., and Chandravanshi, B.S.	Development of Household Water Defluoridation Process for Developing Countries MacCarthy, M.F., and Mihelcic, J.R.	Opportunities to Increase Peace Corps' Global Impact in the Water and Sanitation Sector Hong, Y., Adler, R., Pollicelli, F., and Irwin D.
12:05 - 1:10	Lunch (Conference Room A)	Dewald, M.	But That Money Would Buy a Lot of Pipes': The Value (and Costs) of Communicating About Service Work
1:20 - 2:10	Keynote 4 (The Forum)	Greene, G.	Project Safe Water Colon
2:10-2:30	Break (Conference Room B)		
2:30 - 4:00	Panel Discussion (The Forum)	Bartram, J., Greene, G., Luby, S., Quick, R. and Silliman, S.	Submitted questions and future focus areas
4:00-6:30	Campus tours etc. TBD		
6:30-9:00	Banquet Dinner and 2009 OU WaTER Prize Presentation (Conference Room A)		
7:45	WaTER Prize Plenary Lecture	Luby, S.	Frontline of the Global Water Crisis: Efforts to Secure Safe Water in High Need Communities
9:00	Adjourn		

Wednesday, October 28

8:00-12:00	Workshop: Well drilling and pump technologies for developing regions (Fears Structural Engineering Lab)
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Posters Accepted for Tuesday Evening Poster Session

Baidya, H.	Water for All
Bandaranayake, G.M.	Sustainable Water Use in Traditional Tank Villages in the Dry Zone of Sri Lanka. Experiences from Past to the Present
Beltran, J., Reeves, K., Hutchinson, G., and Smith, J.	Sustainable Livelihood Using Code-PSID in El Convento, Honduras
Dahanayake, K.	Decentralization As A Tool For Optimizing Rural Water Supply and Sanitation Service Delivery Mechanism - Experience in Sri Lanka
Dahanayake, K.	Domestic Rainwater Harvesting Systems for Rural Communities - Experience From Sri Lanka
Das, R., Farag, S., Wilson, R.T.	The Effects of Heavy Metals in Potato Crops on Health Outcomes of Indigenous Bolivians
Fuchs, V.J., Fry, L.M., and Rowe, M.D.	Environmental Monitoring for Sustainable Development
Khaj, R. Y.	Real Variant for Improvement of Ecological Situation in Southern Priaralie
Li, X., and Craver, V.	Green Synthesis of Silver Nanoparticles for Water Treatment Applications
MacRae, J.D.	Sustainable Solutions for the Developing World: A Course that Helps Develop Skills and Awareness to Enhance EWB Projects
Nkwonta, O., and Ochieng, G.	Horizontal Roughing Filter for Pre-Treatment of Wastewater Using Charcoal as a Filter Media
Oxenford, L. and Nairn, R.	Investigation of Iron Photoreduction in AMD Discharges near Potosi, Bolivia
Soerens, T.	The University of Arkansas Interdisciplinary Internal Service Learning Program in Belize
Williams, J.F., Bridges, M., Chen A., and Santiago, J.	Novel Brominated Polymeric Disinfecting Medium for Use in Household Water Treatment Devices
Yanez, M.	Affordable Impregnated Colloidal-Silver Ceramic Water Purifier for Low Income Communities