

2009 OU International WaTER Conference
University of Oklahoma, Thurman J. White Forum Building
Agenda as of September 20, 2009

Monday, October 26

| 7:15 - 7:50 | | | |
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| 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., Zearley, T., Diekmann, M. 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

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| 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

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

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| 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 |