

2009 3rd Annual Joint Student Environmental Conference

Wednesday, July 29									
7:00 PM	Guests Arrive/Welcoming Committee								
Thursday, July 30									
Breakfast, Lunch, and Speaker Sessions sponsored by Bolton and Menk									
7:30 AM	Breakfast (The Market - Student Union)								
8:30 AM	Opening Remarks - Dr. Delvin DeBoer (SDSU) Lewis & Clark Room								
	<table border="1"> <thead> <tr> <th>Wastewater Track (Campanile Room)</th> <th>Water Track (Lewis & Clark Room)</th> </tr> </thead> <tbody> <tr> <td>9:00 AM Anaerobic Digestion of Leachate from Brady Landfill (S. Lozecznik - U of M)</td> <td>Modeling the Hydrodynamic Behavior of Flocs Using Fractal Geometry (A. Vahedi - U of M)</td> </tr> <tr> <td>9:30 AM On-Off Aeration to Achieve Denitrification in Activated Sludge (J. Nelson - SDSU)</td> <td>On the Topic of Chlorine Dioxide and the Application of Residual Monitoring in Drinking Water Disinfection (J. Rak-Banville - U of M)</td> </tr> <tr> <td>10:00 AM Autotrophic Ammonium Removal from Reject Water: Partial Nitrification and Anammox in One Reactor Versus 2 Reactor Systems (L. Jaroszynski - U of M)</td> <td>Fluoride Tracer Study for Mni Wiconi (L. Snyders - SDSU)</td> </tr> </tbody> </table>	Wastewater Track (Campanile Room)	Water Track (Lewis & Clark Room)	9:00 AM Anaerobic Digestion of Leachate from Brady Landfill (S. Lozecznik - U of M)	Modeling the Hydrodynamic Behavior of Flocs Using Fractal Geometry (A. Vahedi - U of M)	9:30 AM On-Off Aeration to Achieve Denitrification in Activated Sludge (J. Nelson - SDSU)	On the Topic of Chlorine Dioxide and the Application of Residual Monitoring in Drinking Water Disinfection (J. Rak-Banville - U of M)	10:00 AM Autotrophic Ammonium Removal from Reject Water: Partial Nitrification and Anammox in One Reactor Versus 2 Reactor Systems (L. Jaroszynski - U of M)	Fluoride Tracer Study for Mni Wiconi (L. Snyders - SDSU)
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10:30 AM	Coffee Break (All subsequent presentations will be held in Lewis & Clark Room)								
11:00 AM	Synthesis of Arsenic Ion Imprinted Polymer to Remove Arsenic from Drinking Water (H. Kalita - NDSU)								
11:30 AM	Use of β -D- Galactosidase Activity for Quantitative Detection of Free and Immobilized <i>E. coli</i> Cells (Tu Le - NDSU)								
12:00 PM	Lunch Break (The Market - Student Union)								
1:00 PM	Fluidized Bed Pellet Reactor Pilot Plant at Watertown, SD (M. Leuthold - SDSU)								
1:30 PM	In Situ Ground Water Remediation using Enricher Reactor-Permeable Reactive Biobarrier (M. Kasi - NDSU)								
2:00 PM	Coffee Break								
2:30 PM	Enhanced TCE and Arsenic Degradation with Amphiphilic Polysiloxane Graft Copolymer Coated Iron Nanoparticles (S. Krajangpan - NDSU)								
3:00 PM	Watertown, SD Water Treatment Plant Case Study: Treatment Selection for DOC Removal (E. Dodds - AE2S)								
4:00 PM	Afternoon Break								
5:00 PM									
6:00 PM	BBQ/Kickball Social at Hillcrest Park Sponsored by AE2S								



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Friday, July 31	
7:30 AM	Breakfast (The Market - Student Union) Subsequent presentations in Lewis & Clark Room
8:30 AM	Evaluation of Exposure and Growth of Gram-Negative Bacteria with Zero-Valent Iron Nanoparticles (R. Shabnam - NDSU)
9:00 AM	Experimental Study on Microtopography-Controlled Overland Flow (J. Yang - NDSU)
9:30 AM	Characterization of Surface Roughness and Computation of Depression Storage (Y. Chi - NDSU)
10:00 AM	Coffee Break
10:30 AM	Effects of Mixing Characteristics in Storage Facilities on Water Quality (C. Olson - SDSU)
11:00 AM	Optimization of Lignocellulosic Biomass Pre-Treatment Process: Integration of Extrusion and Clean Fractionation (G. Brudecki - SDSU)
11:30 AM	Pre-Treatment of Lignocellulosics-A Substrate for Bioethanol Production (I. Cybulska - SDSU)
12:00 PM	Lunch Break (The Market - Student Union)
1:00 PM	Evaluation of Mixing in Anaerobic Digesters Using Hydraulic Recirculation (B. Knadle - Burns & McDonnell)
1:30 PM	Membrane Filtration Pilot Studies Along the Missouri River (A. Norman - Bartlett & West)
2:00 PM	Closing Remarks - Dr. Chris Schmit (SDSU)
2:30 PM	Daktronics Tour
3:00 PM	
4:00 PM	Afternoon Break
5:00 PM	Young Professionals Dinner at Tompkins Alumni Center sponsored by Burns and McDonnell

We would like to sincerely thank our sponsors:

Gold Level:



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