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International Symposium on Bioremediation and Sustainable Environmental Technologies
June 27-30, 2011 • Reno, Nevada • Peppermill Resort

inVentures Technologies' green and sustainable technologies featured in **14** Platform and Poster Sessions.

A1. Improvements to Subsurface Delivery Strategies

Visualization of NAPL Source-Zone Remediation by Gas- Supersaturated Water Injection (SWI).
M.A. Ioannidis, F. Moebius, and D. Or.
Marios Ioannidis (University of Waterloo/Canada)

* Field Demonstration of Supersaturated Water Injection for Enhanced NAPL Recovery in Source Zones. *J.F. Begley, A. Archibald, and M.A. Ioannidis.*
James F. Begley (MT Environmental Restoration/USA)

* LNAPL Source-Zone Remediation by CO₂-Supersaturated Water Injection (SWI): Experiments and Modeling. *R. Enouy, M.A. Ioannidis, and A.J.A. Unger.*
Marios Ioannidis (University of Waterloo/Canada)

A2. Combining Thermal Treatments with Biological Polishing Approaches

Evaluation of High-Pressure Oxygen Injection for In Situ Hydrocarbon Bioremediation in a Fractured Bedrock Environment. *K. Greer, J. Barker, and J. Molson.*
Karen Greer (WESA, Inc./Canada)

B2. Biodegradation of Crude Oil Spills in Marine Environments

Dissolved Oxygen Levels and Marine Crude Oil Degradation Issues of the BP Oil Spill of 2010.
J.A. Jacobs, S.M. Testa, and A. Archibald.
James A. Jacobs (Environmental Bio-Systems, Inc./USA)

B8. Enhancements to Aerobic Biodegradation Strategies

* Advanced Aerobic Co-Substrate Biostimulation of Vinyl Chloride Degradation in Groundwater. *C. Boucher, J.R. Woertz, J. Rehage, and J.F. Begley.*
Jim Rehage (URS Corporation/USA)

* Dissolved-Phase Remediation Using iSOC Technology in Conjunction with Biosparging. *T.J. Dunnahoe and A. Archibald.*
Thomas J. Dunnahoe (MWH Americas, Inc./Canada)

* Remediation of a Petroleum Spill at Grand Teton National Park, Wyoming Using Oxygen Diffusion. *D. Worden, J. Archibald, and W.S. Mulica.*
Darin Worden (Stantec Consultants, Inc./USA)

* Understanding Blue-Green Algae Blooms and Lake and Reservoir Restoration Using Industrial-Scale Dissolved Oxygen Generation Processes. *J.A. Jacobs, A. Archibald, J. Begley, and J. Archibald.*
James A. Jacobs (Environmental Bio-Systems, Inc./USA)

* Optimization of Aerobic Bioremediation of Petroleum Hydrocarbons to Achieve Closure at a Pay-for-Performance Site. *M. Jones, A. Archibald, and J.F. Begley.*
Mike Jones (Pyramid Environmental & Engineering/USA)

B10. Enhanced Chlorinated Ethene Degradation Strategies

Performance Evaluation of Two In Situ Bioremediation Recirculation Systems for the Treatment of Trichloroethene. *D.A. Cacciatore, K.D. MacFarlane, M.G. Yurovsky, D.P. Leigh, A. Archibald, J. Begley, and K. Gerber.*
David A. Cacciatore (Shaw Environmental & Infrastructure/USA)

D1. Bioremediation and Monitored Natural Attenuation (MNA) of Inorganics: Strategies, Implementation, and Assessment

Comparison of Green Chemistry for Metals Treatment Technologies in Soil, Sludges, and Water. *J.A. Jacobs and S.M. Testa.*
James A. Jacobs (Environmental Bio-Systems, Inc./USA)

D2. Fate and Persistence of Endocrine Disruptors and Emerging Contaminants That Threaten Aquatic Environments

Solar-Powered Gas Infusion System for Enhancing In Situ Bioremediation of N-Nitrosodimethylamine in Groundwater. *P.B. Hatzinger, D. Lippincott, J.F. Begley, and S.L. Brock.*
Paul B. Hatzinger (Shaw Environmental, Inc./USA)

D3. NDMA, 1,4-dioxane, and Other Emerging Contaminants

Enhancing Aerobic Biodegradation of 1,2-Dibromoethane and 1,2-Dichloroethane Using Ethane Gas. *P.B. Hatzinger, S. Streger, J.F. Begley, and R. Forbes.*
Paul B. Hatzinger (Shaw Environmental, Inc./USA)

About Us

What if we always settled for the first technology that came along? Then we would have never gotten to where we are today.

We Develop & Market Innovative, Sustainable, Green Technologies. Tersus Environmental also provides global sales management and marketing services for the world class iSOC® Gas inFusion technology by inVentures Technologies.



Innovative Sustainable Green Technologies

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