

5:00 - 5:30

6:00 - 8:30

8:30 - 8:45

Please follow the volunteers with the red scarves to the buses that will take us to our ICBBG Banquet at Rustler's Rooste - Parking Lot 3 in front of Gammage Auditorium

Rustler's Rooste, Cowboy Barbeque

Busses leave Rustler's Rooste to return to ASU

International Conference on Bio-mediated and Bio-inspired Geotechnics

Day 0	Sunday, May 18, 2025 - HMLK Building			
5:00pm-7:00pr	Welcome Reception, 3rd Floor Atrium			
Day 1 7:00 - 7:45	Monday, May 19, 2025 - Morning Sessions - Memorial Union Breakfast Buffet - Arizona Ballroom, Room 221			
7:15 - 7:45	Registration Open - Arizona Ballroom lobby			
7:00 - 8:00 7:45 - 8:00	Exhibitor set up - Arizona Ballroom Opening Remarks (Ed Kavazanjian, Jr.) - Pima Auditorium, Room, 230			
8:00 - 8:40	Keynote 1 (Jian Chu) - Pima Auditorium, Room 230			
	Track A: Alumni Lounge, Room 202 Session 1A: Fundamental Research on Biogeotechnics (Experimental Studies)	Track B: Cochise, Room 228 Session 1B: Bio-inspired Subsurface Exploration and Excavation	Track C: Graham, Room 226 Session 1C: Biopolymer Treated Soils - I	Track D: Pima Auditorium, Room 230 Session 1D: Fungal Treatment of Soils
	Physical-Chemical Impacts of a Controlled Carbonate ICBBG2025-104 Phase on Microbially Induced Calcite Precipitation Shaivan H. Shivaprakash; Susan E. Burns	Plant root adaptation to changes in soil stiffness: Tomoya Nagayama; Luc Sibille; Emanuela characterization and future perspectives for the design Del Dottore; Barbara Mazzolai; Gioacchino ICBBG2025-127 of self-motile robots (Cino) Viggiani	Yaser Ghafoori; Parisa Samadi; Pooria Stabilization of Dredged Marine Sediment Using ICBBG2025-13 Biopolymer Yaser Ghafoori; Parisa Samadi; Pooria Ghadir; Stanislav Lenart; Sabina Dolenec; Hamed Khodadadi Tirkolaei	ICBBG2025-26 Modification of Soil Properties by Fungal Mycelium Joon Soo Park; Hai Lin
	Microbially induced calcite precipitation in fine-grained Yasaman Abdolvand; Mohammadhossein ICBBG2025-51 soils through mechanical mixing Sadeghiamirshahidi	Plant root-inspired penetration experiments in layered ICBBG2025-99 sand profiles Riya Anilkumar; Alejandro Martinez	Min Yao; Benhui Fan; Fernando ICBBG2025-185 Improvement of soil strength using biopolymers Lopez-Caballero; Jean-Marie Fleureau	Effect of Engineered Fungal Mycelium Growth on Infiltration and Erosion Resistance in Fire-Affected Henry Nakaana; Adesola Habeeb ICBBG2025-158 Soils Adegoke; Emmanuel Salifu
8:50 - 10:20	Influence of Curing Stress on Biocemented Sand: Shear Modulus Degradation and Design of Treatment ICBBG2025-17 Molds Piyush Vyas; Chukwuebuka Nweke	Harsha Vardhan Kurugodu; Debayan MPM Modeling of Self-Penetrating Probe for Soil Bhattacharya; Prashanth Vangla; David ICBBG2025-20 Characterization in Layered Granular Media Frost	Effectiveness of Plant Derived Biopolymer for Green ICBBG2025-21 Protection of Soil Against Wind Erosion Dunja Peric; Arash Olia; Jack Fry	Evaluating Fungal Inoculation for Biogeotechnical ICBBG2025-115 Slope Stabilisation Alireza Fathollahi; Grainne El Mountassir
	Combined Effect of Relative Density and Calcium Carbonate Content on Drained Triaxial Behaviour of Jude Zeitouny; Wolfgang Lieske; Arash ICBBG2025-29 Bio-cemented Sand Lavasan; Torsten Wichtmann	Evaluation of the Capacity of Deployable Granular	Biopolymer-Induced Stabilization of Sandy Soils for Anish Lamsal; Mohammadhasan Sasar; ICBBG2025-87 Enhanced Erosion Resistance Sherif L. Abdelaziz	Adesola Habeeb Adegoke; Yasen Influence of Fungal Mycelium on Desiccation Cracking Kashour; Saleh Alothman; Claudia Zapata; ICBBG2025-73 in Expansive Soils Emmanuel Salifu
	Edvasari, Torsteri Wichtmann Effect of Spatial Variability on Unconfined Compressive Kipkorir Yano; Mohammadhossein ICBBG2025-67 Strength of MICP-treated Soils Sadeghiamirshahidi	ICBBG2025-136 Anchors in Sands Aly Ghanem; Alejandro Martinez Evaluation of System Compliance Issues in Laboratory ICBBG2025-120 Evaluation of Earthworm-Inspired Robotic Probes Honglai Peng; David Frost; Rodrigo Borela	Long-term Durability of Biopolymer Treated Recycled ICBBG2025-27 Glass Sand Junjie Li; Kejun Wen	Unconfined Compression Behaviour of Silty Sand ICBBG2025-94 treated with Pleurotus Ostreatus Benedek Nagy; Qi Zhang; Alessandro Tarantino; Grainne El Mountassir
	Preliminary Investigation of the Effects of EICP on Compaction and Unconfined Compression Strength of Saleh Alothman; Edward Kavazanjian;	Laboratory Evaluation of Vertical Burrowing Behavior	Enhancing Soil Stability with Biopolymers and Anish Lamsal; Mohammadhasan Sasar;	Alice Lane; Sravan Muguda Viswanath; Emmanuel Salifu; Hamed Khodadadi Exploratory research on optimising the synergistic Tirkolaei; Agostino Walter Bruno;
10:20 - 10:50	ICBBG2025-142 Sandy Soil Claudia Zapata Please join us in the Arizona Ballroom	ICBBG2025-103 of a Bioinspired Robot (BurroBot) Sarina Shahhosseini; Julian Tao	ICBBG2025-109 Vegetation Sherif Abdelaziz	ICBBG2025-118 application of fungi biopolymers in soil engineering Domenico Gallipoli
10.20 - 10.30	for this morning's break - Sponsored by Groundwater Technology (insert logo here)			
10:20 - 11:50	Poster Session, Arizona Ballroom			
11:50- 1:00	Lunch Buffet Sponsored by Schnabel, Arizona Ballroom			
1:00 - 1:40	Monday, May 19, 2025 - Afternoon Sessions - Memorial Union Keynote 2 (Jonathan Knappett), Pima Auditorium, Room 230			
1:50 - 3:20	Track A: Alumni Lounge, Room 202 Session 2A: Fundamental Research on Biogeotechnics (Modeling and Simulations)	Track B: Cochise, Room 228 Session 2B: Bio-inspired Methods for Infrastructure Construction	Track C: Graham, Room 226 Session 2C: Biopolymer Treated Soils - II	Track D: Pima Auditorium, Room 230 Session 2D: Hybrid Session
	Shahid Ali Khan; Md Rajibul Karim; Md Review of critical state theory based constitutive ICBBG2025-69 models for bio-cemented granular soils Shahid Ali Khan; Md Rajibul Karim; Md Mizanur Rahman; Edward Kavazanjian; Khoi Nguyen	3D Printing and Lab scale testing of Bio-Inspired ICBBG2025-139 Geogrids for Road Rutting Reduction Jiaojun Liu; Nimisha Roy; David Frost	Assessment of Xanthan Gum-Based Stabilization of Construction and Demolition Waste for Enhanced ICBBG2025-63 Construction Material Performance Beatrice Magombana; Shihui Liu; Lin Li	Integrating MICP with Geothermal Pavements: A Numerical Analysis of Thermal Performance and ICBBG2025-102 Cost-Efficiency Xiaoying Gu; Alexandra Clarà Saracho; Nikolas Makasis; Monika Kreitmair; Guillermo Narsilio
	MICP for Liquefaction Mitigation: Interpretation of DSS Laura M.C. Luna; Ross W. Boulanger; ICBBG2025-184 tests and Constitutive Model Calibration Katerina Ziotopoulou; Jason DeJong	Field investigation of tree-root-like minipile groups in ICBBG2025-116 cohesive soils Alberto Escobar; Sanchari Mondal; Mahdi M Disfani; Guillermo Narsilio	Breach Evolution in Sand-Silt Dams with a Surface Layer of Xanthan Gum-Treated Soil during ICBBG2025-84 overtopping: Laboratory Experiments Watthew Czapiga; Ezzat Elalfy; Enrica Viparelli; M. Hanif Chaudhry	Correlation of Penetration Resistance with Wind Salim Alaufi; Brian Scott; Salifu ICBBG2025-92 Erosion Resistance for Fugitive Dust Studies Emmanuel; Edward Kavazanjian
	Raymond Chen; Ahmet Mert Kavala; Emily	Yoon-Ah Kim; Matthew Burrall; Min-Kyung	Xanthan Gum Treated Sand as a Mechanism to	Yvo Veenis; Eliam Vlijm; Edward Kavazanjian Jr.; Leon van Paassen;
	Measuring and Modelling Kinetics of CO2 hydration Miller; Alexandra Clarà Saracho; Ewa J. ICBBG2025-171 catalysed by Carbonic Anhydrase in Buffered Systems Marek Simulation Study on Impact of MICP Treatment Against Ibuki Nishimura; Tomonori Yamada;	From Nature to Engineering: Pull-out Behaviors of Tree Jeon; Alejandro Martinez; Jason DeJong; ICBBG2025-43 Root-inspired Anchors Tae-Hyuk Kwon Investigation of Pullout Resistance of Geogrids with	Improve Resistance to Erosion with Application to ICBBG2025-128 Breach Development Viparelli; M. Hanif Chaudhry Effect of Using Xanthan Gum on Properties of Kiran Kuikel; Bernardo A. Castellanos;	Increasing Amsterdam quay wall stability through ICBBG2025-150 Bio-Inspired Soil Improvement Understanding the variation of thermal conductivity of Avishek Ghosh; Aritra Banerjee; Volker
	ICBBG2025-8 Degradation of Geotextiles Hitoshi Matsubara Effects of Non-uniform Distribution of Calcium	ICBBG2025-78 Different Topologies Candas Oner; David Frost	ICBBG2025-172 Fine-Grained Soils Lucas Walshire Sravan Muguda Viswanath; S Smitha; Emmanuel Salifu; Hamed Khodadadi	ICBBG2025-180 sands with bio-cementation and desaturation Brozel; Emmanuel Salifu; Jasaswee Das A Synopsis of Difficulties and Benefits of Operating a
	Carbonate in Sand Column by Enzyme Induced Calcite Yuru Chen; Qi Xu; Qiang Tang; Satoru ICBBG2025-10 Precipitation Using Discrete Element Method Kawasaki Durability of biocalcified porous materials exposed to Lorenzo Spadini; Laurent Oxarango;	Investigating Physical and Mechanical Properties of ICBBG2025-25 Mud Dauber Nests Joon Soo Park; Hai Lin Shweta Mukundan; Bhupendra Chand;	Insights into the impact of synergistic fungi-biopolymer Tirkolaei; Agostino Walter Bruno; ICBBG2025-119 stabilization on the shear strength of sand Domenico Gallipoli Utilizing Extracellular Polymeric Substances (EPS) Rashed Rahman; Rimjhim Sharma; Ishika	Local Chapter of the Society of Women Engineers in ICBBG2025-145 Vicksburg, Mississippi after 2021 Allison Scates; Katie A. Martin Shaping High School Students' Educational and
	solutions of varying aggressiveness: model-based Emilie François; Annette Esnault Filet; Leslie Sapin; Jean M.F. Martins	Shruti Pandey; Tejas G Murthy; Renee M. ICBBG2025-111 Fabric and Structure of Potter Wasp Nests Borges	from Psychrophilic Bacteria for Bio-Mediated Garg; Tejo V. Bheemasetti; Tanvi Govil; ICBBG2025-155 Frost-Susceptible Soil Stabilization Bret N. Lingwall; Rajesh Sani	Career Paths Through University Engineering Lab ICBBG2025-53 Experiences Leah Folkestad; Jean Larson
3:20 - 3:50	Please join us in the Arizona Ballroom for this afternoon's break - Sponsored by			
3:50 - 4:30	Groundwater Technology (insert logo here) Keynote 3 (Alejandro Martinez), Pima Auditorium, Room 230			
4:30 - 5:15	2nd Annual Biogeotechnics Lecture Award, Pima Auditorium, Room 230			
5:15 - 5:20	Introduction: Jian Chu, Recepient: Leon van Paassen Day One Adjourned			
5.15 - 5.20	Day One Adjourned			
Day 2	Tuesday, May 20, 2025 - Morning Sessions - Memorial Union			
7:00 - 8:00	Breakfast Buffet - Ventana A, Room 221			
	Registration Open - Ventana A lobby			
8:00 - 8:40	Exhibitor set up - Ventana A, Room 221 Keynote 4 (Annette Esnault Filet) - Pima Auditorium, Room 230			
8:50 - 10:20	Track A: Alumni Lounge, Room 202	Track B: Cochise, Room 228	Track C: Gold, Room 207	Track D: Pima Auditorium, Room 230
6.50 - 10.20	Session 3A: Fundamental Research on Biogeotechnics (Emerging Topics)	Session 3B: Bio-inspired methods for infrastructure construction Design Considerations for Multi-axial Tensile Testing of	Session 3C: Biopolymer Treated Soils - III Yiwei Fang; Rick Qian; Steven Yang; Damien Crowley; Aaron Sloutski; Marcia	Session 3D: Case Studies and Field Applications of Biogeotechnics Michael S. Carter; Kristen A. Bruce;
	Characterization of Time-Dependent Bio-Invasion in ICBBG2025-15 Sandstone Using EICP Mary C. Ngoma; Oladoyin Kolawole	Conventional and Next-Generation Geosynthetic ICBBG2025-58 Specimens Emre Duman; J. David Frost	Biopolymer produced by Rhizobium Tropici: Chemistry, Simon; Jay Gao; Miriam Rafailovich; Steve ICBBG2025-125 Water Retention, and Interactions with Clays Larson; Dilip Gersappe Aaron Sloutski; Justin Burzachiello;	Scaling up biocement production in the Department of Matthew J. Tuttle; Rhett L. Martineau; ICBBG2025-186 the Air Force Maneesh K. Gupta
	MICP via denitrification pathway under aerobic Yasaman Abdolvand; Mohammadhossein	Interface Shear Directionality between Snakeskin-Inspired Surfaces and Normally	Yu-Chung Lin; Steven Slote; Benoit Lacroix; Vitaly Citovsky; Yuefan Deng; Impact of Rhizobium Tropici Produced EPS on Marcia Simon; Jay Gao; Miriam	Yvo Veenis; Eliam Vlijm; Agnes van Uitert; Ronald Damen; Leon van Paassen; Mitigating Train-induced vibration nuisance through Bio Caroline Van de Steenoven; Sjoerd van
	ICBBG2025-55 conditions Sadeghiamirshahidi Mechanical Characterization of Bacteria-Encapsulated	ICBBG2025-100 Consolidated and Compacted Fine-Grained Soils Hyeon Jung Kim; Alejandro Martinez	ICBBG2025-135 Arabidopsis Thaliana Growth Rafailovich Ayman Mokhtar Nemnem; Puja Mapping Seepage Flow in Untreated and Chowdhury; Clay Crews; Austin R.J.	ICBBG2025-146 Inspired Soil Improvement Gaal; Ronny Van der Heijden
	Hydrogels for Enhanced Microbial-Induced Carbonate Mert Kavala; Cambry Stratton; Berkin ICBBG2025-147 Precipitation (MICP) Dortdivanlioglu; Alexandra Clarà Saracho	Discrete Element Modeling Simulations of Interfaces ICBBG2025-83 Between Snakeskin-Inspired Surfaces and Sand Damon Nguyen; Alejandro Martinez	Biopolymer-Treated Soils Using Wireless Sensing Downey; Jason D. Bakos; M. Sadik Khan; ICBBG2025-140 Spikes for Electrical Conductivity Assessment M. Hanif Chaudhry; Jasim Imran Natascha Kallerhoff; Wolfgang Lieske;	A Study on the Applicability of MICP for Stabilization of ICBBG2025-90 Platform Embankment of Angkor Ruins Toshiro Hata; Ryota Hashimoto
	MICP Delivery via Engineered Living Materials: Emily J. Miller; Gina Partipilo; Benjamin K. ICBBG2025-168 Co-Culture of S. pasteurii and S. oneidensis Keitz; Alexandra Clarà Saracho	Griffin Bodow; Meron Belachew; Karie ICBBG2025-80 Quantitative Analysis of Harvester Ant Nest Geometry Yamamoto; Chloe Arson; David Frost	Mechanical Stability, Hydromechanical and Decay Wiebke Baille; Angelica M. Palomino; ICBBG2025-179 Behavior of Polymer-Modified Fine-Grained Soils Torsten Wichtmann	Investigation of biostimulation feasibility in dumped Hanieh Babaeizad; Wiebke Baille; Torsten ICBBG2025-178 soils of lignite opencast mines Wichtmann Rafaela Cardoso; Miguel Quintela Cruz;
	Understanding the role of soil biota in relation to plant roots in sustainable geotechnical engineering Alena D. Zhelezova; Gerald I. Otim; ICBBG2025-95 perspective Gianmario Sorrentino; Irene Rocchi	Design and prototyping of root-inspired soft-growing Dongoh Seo; Gyeol Han; Jee-Hwan Ryu; ICBBG2025-169 robot Tae-Hyuk Kwon	The Effect of Biopolymer Pore Fluids on Soil Properties Shoumik Saha; Sherif Abdelaziz; Dilip ICBBG2025-123 using Molecular Dynamics Simulations Gersappe	Isabel Cristina Gonzalez; Ana Teresa Biocementation treatment of a Portuguese motorway Rodrigues; Leslie Sapin; Annette Esnault ICBBG2025-130 slope against erosion Filet
	Methodology to generate root analogues based on root	DEM Investigation of Sediment Densification Effect	Experimental study on the effect of biopolymers on the thermal properties of soil and thermal diffusion analysis Hwijae Lee; Gi-Yun Kim; Jun-Hyeok Yum;	Yvo Veenis; Eliam Vlijm; Agnes van Uitert; Edward Kavazanjian Jr.; Leon van Improving Railway embankment stability through Bio Paassen; Caroline Van de Steenoven;
	ICBBG2025-41 tensile behaviour Shanshan Li; Hans Henning Stutz	ICBBG2025-175 Induced by Mangrove-Inspired Skirt Piles Xiwei Li; Julian Tao; Leon van Paassen	ICBBG2025-107 using COMSOL Multiphysics Ilhan Chang	ICBBG2025-144 Inspired Soil Improvement Paul de Groot
10:20 - 10:50	Please join us in the Ventana (A) Ballroom for this morning's break - Sponsored by Keller-North America (insert logo here)			
	Track A: Alumni Lounge, Room 202	Track B: Cochise, Room 228	Track C: Gold, Room 207	
10:50 - 11:50		Session 4B: Bio-Mediated Environmental Protection And Restoration	Session 4C: Bio-Mediated Methods For Infrastructure Construction Rhett L. Martineau; Brandon M. Bradow;	
	ICBBG2025-49 Rainfall Erosion of MICP-treated Sandy Slopes Shihui Liu; Kang Du; Lin Li	Ureolytic biostimulation in aridisols - from microbiomes Michael Tsesarsky; Kesem Abramov; ICBBG2025-77 to MICP Hadas Raveh-Amit	Matthew J. Tuttle; Michael S. Carter; Josh ICBBG2025-97 Cross-scale correlations in biocement test samples Soil stabilization via carbonate precipitation by	
	Forming a cemented crust in sloped sand with enzyme Emilia Marmolejo; Noah A. Madrigal; ICBBG2025-160 induced carbonate precipitation Paola Bandini	A Preliminary Study of Growth Response and Copper Ryan Cotter; Emmanuel Salifu; Caitlyn A. ICBBG2025-91 Tolerance in the Desert Fungus Podaxis pistillaris Hall Biochemical Species Plume Migration under Diverse	plant-derived urease: comparison between soybeans ICBBG2025-114 fine powder and crude extract juice Elise Lefevre; Alessia Cuccurullo Zalfa Maulida Ihsani; Naoki Kinoshita;	
	Influence of Bio-Mediated Slope Cover on Stability of ICBBG2025-6 Soil Slopes During Rainfall Vibha S; Raghuveer Rao P	Injection Strategies during Microbially Induced Calcite Pavan Kumar Bhukya; Xuerui Wang; Dali ICBBG2025-187 Precipitation Treatment in Soils Naidu Arnepalli	Utilization of Recycled Soybean as a Urease Source in Hideaki Yasuhara; Heriansyah Putra; ICBBG2025-30 Carbonate Precipitation for Soil Improvement Haruma Nishimoto Evaluation of the physical properties of sands with	
	Preliminary Study of the Effect of EICP and X-EICP Treatment on Wind Erosion and Penetration Shivangi Jain; Claudia Zapata; Edward	Optimization of EICP Treatment Parameters for Dust Salim Alaufi; Emmanuel Salifu; Edward	enzyme induced calcite precipitation (EICP), biopolymer-based soil treatment (BPST), and composite treatment through elastic wave and direct	
	ICBBG2025-75 Resistance of a Clayey Sand Kavazanjian	ICBBG2025-93 Mitigation Kavazanjian	ICBBG2025-19 shear test Suhyuk Park; Jinwoo Park; Ilhan Chang	
11:50 - 1:00	Lunch break - Please pick up your box lunch in Ventana A There is seating in Alumni Lounge, Ventana A ballroom, and the patios just outside the MU			
Day 2	Tuesday, May 20, 2025 - Afternoon Sessions - Memorial Union			
1:00 - 1:40	Keynote 5 (Anca Delgado), Pima Auditorium, Room 230			
1:50 - 3:20	Track A: Alumni Lounge, Room 202 Session 5A: Bio-mediated Methods for Hazard Mitigation (Liquefaction)	Track B: Cochise, Room 228 Session 5B: Bio-Mediated Environmental Protection And Restoration	Track C: Gold, Room 207 Session 5C: Bio-Mediated Methods For Infrastructure Construction	
1.50 - 5.20	Effects of Structure Frequency placed in Bio-cemented Soo-Min Ham; Jose Caisapanta; Daniel W.	Enhancing Sandstone Surface Strength in Caves	Development of a Treatment Strategy Applicable to Field Conditions for the Repair of Vertical Fractures in Gloria Castro-Quintero; Grainne El	
	ICBBG2025-183 Sands using Centrifuge Modeling Wilson; Jason DeJong Effects of Biocementation Treatment on Mitigating Liquefaction-Induced Foundation Settlements Using 1g Md Kausar Alam; Ramin Motamed; Ben	ICBBG2025-7 Through Microbial Filaments with Calcareous Coatings Hitoshi Matsubara Investigating Heterotrophic Nitrifying-Aerobic Micaela Robson; Amy Grunden; Brina	ICBBG2025-57 Concrete Using MICP Mountassir; Rebecca Lunn The Effect of Different MICP Treatment Methods on Xinyu Lu; Changming Bu; Lin Li; Shihui	
	ICBBG2025-61 Shake Table Test Ma Incorporating the Influence of Microbially Induced Carbonate Precipitation in Nonlinear Site Response	ICBBG2025-23 Denitrifying Bacteria to Improve MICP Sustainability Montoya Effect of clay content in lead-contaminated soils on the distribution uniformity of biostimulated ureolytic Shiqi Liu; Yu Zhang; Haishan Qin; Xiangrui	ICBBG2025-16 Bio-Brick Properties Liu; Beatrice Magombana Jeffrey Evans; Derek Manheim; Nazli	
	ICBBG2025-81 Analyses Thomas Na; Brina Montoya; Ashly Cabas Yvo Veenis; Edward Kavazanjian Jr.; Leon van Paassen; Caitlyn Hall; Patrick Kwon;	ICBBG2025-71 bacteria Xu; Ningjun Jiang	ICBBG2025-18 Bio-enhanced Soil Bentonite Slurry Trench Cutoff Walls Yessiller	
	BISI Flood and Earthquake Hazard Mitigation Fraser Caroline Van de Steenoven; Ronny Van der Heijden; Eliam Vlijm	Shaivan Hirebelaguly Shivaprakash; ICBBG2025-105 Microscopic insights into MICP treated fly ash Susan Burns	Development of High-Performance Wood (HPW) Piles Hussein Alqrinawi; Hai Lin; Qinglin Wu; ICBBG2025-22 for Deep Foundation Applications Shengli Chen Pegah Ghasemi; Hannah Hiscott; Alden	
	Evaluation of microbially induced desaturation and Katherine M. Currier; Caitlyn A. Hall; Bruce ICBBG2025-156 precipitation (MIDP) using semi-batch columns E. Rittmann; Edward Kavazanjian Jr.	Bemah Ibrahim; Md Mizanur Rahman; Md The Challenge of Stabilizing Copper Tailings Using ICBBG2025-76 EICP: The Role of Inhibitors Rajibul Karim; Khoi Nguyen; Edward Kavazanjian	Sears; Brina Montoya; Celso Castro Integration of Plants and Microbially Induced Soil Bolinaga; William Petry; Amy Grunden; ICBBG2025-40 Stabilization for Sustainable Infrastructure Design Benjamin Breland; Allison Scates	
	Evaluating injection strategies for a field trial of Microbially Induced Desaturation and Precipitation Patrick Kwon; Edward Kavazanjian Jr.;	A study on the heavy metal remediation and mechanical properties improvement of contaminated humus soil using EICP method: From Particle-Scale to Yi Bian; Yanbo Chen; Liangtong Zhan;	Effects of microbially induced calcite precipitation Yasaman Abdolvand; Mohammadhossein	
0.00	ICBBG2025-86 (MIDP) Leon A. van Paassen	ICBBG2025-189 Macroscale Yufeng Gao	ICBBG2025-52 (MICP) on the soil-concrete interface behavior Sadeghiamirshahidi	
3:20 - 3:50	Please join us in the Ventana (A) Ballroom for this afternoon's break - Sponsored by Haley & Aldrich, Inc. (insert logo here)			
0.50 (55				
3:50 - 4:30 4:30 - 4:50	Keynote 6 (Brina Montoya), Pima Auditorium, Room 230 Special Talk (Jason DeJong), Pima Auditorium, Room 230			
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