

4:30 - 4:50

4:50 - 5:00

5:00 - 5:30

6:00 - 8:30 8:30 - 8:45 Special Talk (Jason DeJong), Pima Auditorium, Room 230

Closing Remarks (Susan Burns), Pima Auditorium, Room 230

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 5:00pm-7:00p	Sunday, May 18, 2025 - HMLK Building Welcome Reception Sponsored by Freeport-McMoRan Inc., 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	Exhibitor set up - Arizona Ballroom			
7:45 - 8:00 8:00 - 8:40	Opening Remarks (Ed Kavazanjian, Jr.) - Pima Auditorium, Room, 230 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 (updated)	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 ICBBG2025-127 of self-motile robots Tomoya Nagayama; Luc Sibille; Emanuela Del Dottore; Barbara Mazzolai; Gioacchino (Cino) Viggiani	Min Yao; Benhui Fan; Fernando ICBBG2025-185 Improvement of soil strength using biopolymers Lopez-Caballero; Jean-Marie Fleureau	ICBBG2025-26 Modification of Soil Properties by Fungal Mycelium Joon Soo Park; Hai Lin
	Microbially induced calcite precipitation in fine-grained Yasaman Abdolvand; Mohammadhossein Sadeghiamirshahidi	Plant root-inspired penetration experiments in layered ICBBG2025-99 sand profiles Riya Anilkumar; Alejandro Martinez	Biopolymer-Induced Stabilization of Sandy Soils for Anish Lamsal; Mohammadhasan Sasar; ICBBG2025-87 Enhanced Erosion Resistance Sherif L. Abdelaziz	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	Long-term Durability of Biopolymer Treated Recycled ICBBG2025-27 Glass Sand Junjie Li; Kejun Wen	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 Effect of Spatial Variability on Unconfined Compressive Kipkorir Yano; Mohammadhossein	Evaluation of the Capacity of Deployable Granular ICBBG2025-136 Anchors in Sands Aly Ghanem; Alejandro Martinez Evaluation of System Compliance Issues in Laboratory	Enhancing Soil Stability with Biopolymers and Anish Lamsal; Mohammadhasan Sasar; ICBBG2025-109 Vegetation Sherif Abdelaziz	Adesola Habeeb Adegoke; Yasen Influence of Fungal Mycelium on Desiccation Cracking ICBBG2025-73 in Expansive Soils Unconfined Compression Behaviour of Silty Sand Emmanuel Salifu Benedek Nagy; Qi Zhang; Alessandro
	ICBBG2025-67 Strength of MICP-treated Soils Sadeghiamirshahidi Preliminary Investigation of the Effects of EICP on	ICBBG2025-120 Evaluation of Earthworm-Inspired Robotic Probes Honglai Peng; David Frost; Rodrigo Borela		ICBBG2025-94 treated with Pleurotus Ostreatus Tarantino; Grainne El Mountassir Alice Lane; Sravan Muguda Viswanath; Emmanuel Salifu; Hamed Khodadadi
	Compaction and Unconfined Compression Strength of Saleh Alothman; Edward Kavazanjian; ICBBG2025-142 Sandy Soil Claudia Zapata	Laboratory Evaluation of Vertical Burrowing Behavior ICBBG2025-103 of a Bioinspired Robot (BurroBot) Sarina Shahhosseini; Julian Tao		Exploratory research on optimising the synergistic Tirkolaei; Agostino Walter Bruno; ICBBG2025-118 application of fungi biopolymers in soil engineering Domenico Gallipoli
10:20 - 10:50	Please join us in the Arizona Ballroom for this morning's break - Sponsored by Groundwater Technology			
10:20 - 11:50				
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) Shahid Ali Khan; Md Rajibul Karim; Md	Track B: Cochise, Room 228 Session 2B: Bio-inspired Methods for Infrastructure Construction - I	Track C: Graham, Room 226 Session 2C: Biopolymer Treated Soils - II Assessment of Xanthan Gum-Based Stabilization of	Track D: Pima Auditorium, Room 230 Session 2D: Hybrid Session Integrating MICP with Geothermal Pavements: A Xiaoying Gu; Alexandra
	Review of critical state theory based constitutive Mizanur Rahman; Edward Kavazanjian; ICBBG2025-69 models for bio-cemented granular soils Khoi Nguyen	3D Printing and Lab scale testing of Bio-Inspired ICBBG2025-139 Geogrids for Road Rutting Reduction Jiaojun Liu; Nimisha Roy; David Frost	Construction and Demolition Waste for Enhanced ICBBG2025-63 Construction Material Performance Beatrice Magombana; Shihui Liu; Lin Li Breach Evolution in Sand-Silt Dams with a Surface	Numerical Analysis of Thermal Performance and ICBBG2025-102 Cost-Efficiency Clarà Saracho; Nikolas Makasis; Monika Kreitmair; Guillermo Narsilio
	MICP for Liquefaction Mitigation: Interpretation of DSS Laura M.C. Luna; Ross W. Boulanger; 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	Layer of Xanthan Gum-Treated Soil during Matthew Czapiga; Ezzat Elalfy; Enrica ICBBG2025-84 overtopping: Laboratory Experiments Viparelli; M. Hanif Chaudhry	Correlation of Penetration Resistance with Wind ICBBG2025-92 Erosion Resistance for Fugitive Dust Studies Erosion Resistance for Fugitive Dust Studies Emmanuel; Edward Kavazanjian Yvo Veenis; Eliam Vlijm; Edward
	Raymond Chen; Ahmet Mert Kavala; Emily 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 MICB Treatment Against Ibuki Nighimura: Tomonori Yamada:	Yoon-Ah Kim; Matthew Burrall; Min-Kyung From Nature to Engineering: Pull-out Behaviors of Tree Jeon; Alejandro Martinez; Jason DeJong; ICBBG2025-43 Root-inspired Anchors Tae-Hyuk Kwon	Xanthan Gum Treated Sand as a Mechanism to Improve Resistance to Erosion with Application to ICBBG2025-128 Breach Development Street of Using Xanthan Gum on Branching of Wirel Kuikel: Barnarde A. Castellance:	Kavazanjian Jr.; Leon van Paassen; Increasing Amsterdam quay wall stability through ICBBG2025-150 Bio-Inspired Soil Improvement Inderstanding the variation of thermal conductivity of Avience Check: Aritra Paperioe: Volker
	Simulation Study on Impact of MICP Treatment Against Ibuki Nishimura; Tomonori Yamada; ICBBG2025-8 Degradation of Geotextiles Hitoshi Matsubara Effects of Non-uniform Distribution of Calcium	Investigation of Pullout Resistance of Geogrids with ICBBG2025-78 Different Topologies Candas Oner; David Frost	Effect of Using Xanthan Gum on Properties of Kiran Kuikel; Bernardo A. Castellanos; ICBBG2025-172 Fine-Grained Soils Lucas Walshire Sravan Muguda Viswanath; S Smitha; Emmanuel Salifu; Hamed Khodadadi	Understanding the variation of thermal conductivity of ICBBG2025-180 sands with bio-cementation and desaturation Brozel; Emmanuel Salifu; Jasaswee Das A Synopsis of Difficulties and Benefits of Operating a
	Effects of Non-uniform Distribution of Calcium 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; ICBBG2025-181 measurements and short- and long-term issues Leslie Sapin; Jean M.F. Martins	Shweta Mukundan, Bhupendra Chand, 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 Groundwater Technology			
3:50 - 4:30	Groundwater Technology Keynote 3 (Alejandro Martinez), Pima Auditorium, Room 230			
4:30 - 5:15	2nd Annual Biogeotechnics Lecture Award, Pima Auditorium, Room 230 Introduction: Jian Chu, Recepient: Leon van Paassen			
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 Session 3A: Fundamental Research on Biogeotechnics (Emerging Topics)	Track B: Cochise, Room 228 Session 3B: Bio-inspired methods for infrastructure construction - II	Track C: Gold, Room 207 Session 3C: Biopolymer Treated Soils - III	Track D: Pima Auditorium, Room 230 Session 3D: Case Studies and Field Applications of Biogeotechnics
	Characterization of Time-Dependent Bio-Invasion in	Design Considerations for Multi-axial Tensile Testing of Conventional and Next-Generation Geosynthetic	Yiwei Fang; Rick Qian; Steven Yang; Damien Crowley; Aaron Sloutski; Marcia Biopolymer produced by Rhizobium Tropici: Chemistry, Simon; Jay Gao; Miriam Rafailovich; Steve	Michael S. Carter; Kristen A. Bruce; Scaling up biocement production in the Department of Matthew J. Tuttle; Rhett L. Martineau;
	ICBBG2025-15 Sandstone Using EICP Mary C. Ngoma; Oladoyin Kolawole	ICBBG2025-58 Specimens Emre Duman; J. David Frost	ICBBG2025-125 Water Retention, and Interactions with Clays Aaron Sloutski; Justin Burzachiello; Yu-Chung Lin; Steven Slote; Benoit	ICBBG2025-186 the Air Force Maneesh K. Gupta Yvo Veenis; Eliam Vlijm; Agnes van Uitert;
	MICP via denitrification pathway under aerobic ICBBG2025-55 Conditions Yasaman Abdolvand; Mohammadhossein Sadeghiamirshahidi	Interface Shear Directionality between Snakeskin-Inspired Surfaces and Normally ICBBG2025-100 Consolidated and Compacted Fine-Grained Soils Hyeon Jung Kim; Alejandro Martinez	Lacroix; Vitaly Citovsky; Yuefan Deng; Impact of Rhizobium Tropici Produced EPS on Marcia Simon; Jay Gao; Miriam ICBBG2025-135 Arabidopsis Thaliana Growth Rafailovich Ayman Mokhtar Nemnem; Puja	Ronald Damen; Leon van Paassen; Mitigating Train-induced vibration nuisance through Bio Caroline Van de Steenoven; Sjoerd van ICBBG2025-146 Inspired Soil Improvement Gaal; Ronny Van der Heijden
	Mechanical Characterization of Bacteria-Encapsulated 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	Mapping Seepage Flow in Untreated and Chowdhury; Clay Crews; Austin R.J. 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	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	Natascha Kallerhoff; Wolfgang Lieske; Mechanical Stability, Hydromechanical and Decay ICBBG2025-179 Behavior of Polymer-Modified Fine-Grained Soils Natascha Kallerhoff; Wolfgang Lieske; Wiebke Baille; Angelica M. Palomino; Torsten Wichtmann	Investigation of biostimulation feasibility in dumped Hanieh Babaeizad; Wiebke Baille; Torsten ICBBG2025-178 soils of lignite opencast mines Wichtmann
	Understanding the role of soil biota in relation to plant roots in sustainable geotechnical engineering Alena D. Zhelezova; Gerald I. Otim;	Design and prototyping of root-inspired soft-growing Dongoh Seo; Gyeol Han; Jee-Hwan Ryu;	The Effect of Biopolymer Pore Fluids on Soil Properties Shoumik Saha; Sherif Abdelaziz; Dilip	Rafaela Cardoso; Miguel Quintela Cruz; Isabel Cristina Gonzalez; Ana Teresa Biocementation treatment of a Portuguese motorway Rafaela Cardoso; Miguel Quintela Cruz; Isabel Cristina Gonzalez; Ana Teresa Rodrigues; Leslie Sapin; Annette Esnault
	ICBBG2025-95 perspective Gianmario Sorrentino; Irene Rocchi Methodology to generate root analogues based on root	ICBBG2025-169 robot Tae-Hyuk Kwon DEM Investigation of Sediment Densification Effect	ICBBG2025-123 using Molecular Dynamics Simulations Gersappe 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;	ICBBG2025-130 slope against erosion Filet Yvo Veenis; Eliam Vlijm; Agnes van Uitert; Edward Kavazanjian Jr.; Leon van Improving Railway embankment stability through Bio Paassen; Caroline Van de Steenoven;
10:20 - 10:50	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 - 10.30	for this morning's break - Sponsored by Keller-North America			
10:50 - 11:50	Track A: Alumni Lounge, Room 202 Session 4A: Bio-mediated Methods for Hazard Mitigation (Erosion and Slope Stability)	Track B: Cochise, Room 228 Session 4B: Bio-Mediated Environmental Protection And Restoration	Track C: Gold, Room 207 Session 4C: Bio-Mediated Methods For Infrastructure Construction	
	ICBBG2025-49 Rainfall Erosion of MICP-treated Sandy Slopes Shihui Liu; Kang Du; Lin Li	A Preliminary Study of Growth Response and Copper Ryan Cotter; Emmanuel Salifu; Caitlyn A. ICBBG2025-91 Tolerance in the Desert Fungus Podaxis pistillaris Hall	Rhett L. Martineau; Brandon M. Bradow; Matthew J. Tuttle; Michael S. Carter; Josh ICBBG2025-97 Cross-scale correlations in biocement test samples Soil stabilization via carbonate prosipitation by	
	Forming a cemented crust in sloped sand with enzyme Emilia Marmolejo; Noah A. Madrigal; ICBBG2025-160 induced carbonate precipitation Paola Bandini	Biochemical Species Plume Migration under Diverse Injection Strategies during Microbially Induced Calcite Pavan Kumar Bhukya; Xuerui Wang; Dali ICBBG2025-187 Precipitation Treatment in Soils Naidu Arnepalli	Soil stabilization via carbonate precipitation by 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	Optimization of EICP Treatment Parameters for Dust Salim Alaufi; Emmanuel Salifu; Edward ICBBG2025-93 Mitigation Kavazanjian	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		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		ICBBG2025-19 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 1:00 - 1:40	Tuesday, May 20, 2025 - Afternoon Sessions - Memorial Union Keynote 5 (Anca Delgado), Pima Auditorium, Room 230			
 1. 4 U		Track B: Cochise, Room 228	Tun els Co Colld Donor 207	
1:50 - 3:20	Track A: Alumni Lounge, Room 202 Session 5A: Bio-mediated Methods for Hazard Mitigation (Liquefaction) Effects of Structure Frequency placed in Bio-cemented Soo-Min Ham: Jose Caisapanta: Daniel W.	Session 5B: Bio-Mediated Environmental Protection And Restoration	Track C: Gold, Room 207 Session 5C: Bio-Mediated Methods For Infrastructure Construction (updated) Development of a Treatment Strategy Applicable to Field Conditions for the Repair of Vertical Fractures in Gloria Castro-Quintero: Grainne El	
	Effects of Structure Frequency placed in Bio-cemented Soo-Min Ham; Jose Caisapanta; Daniel W. 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	Enhancing Sandstone Surface Strength in Caves ICBBG2025-7 Through Microbial Filaments with Calcareous Coatings Hitoshi Matsubara Investigating Heterotrophic Nitrifying-Aerobic Micaela Robson; Amy Grunden; Brina	Field Conditions for the Repair of Vertical Fractures in Gloria Castro-Quintero; Grainne El ICBBG2025-57 Concrete Using MICP Mountassir; Rebecca Lunn Jeffrey Evans; Derek Manheim; Nazli	
	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	ICBBG2025-18 Bio-enhanced Soil Bentonite Slurry Trench Cutoff Walls Yessiller Development of High-Performance Wood (HPW) Piles Hussein Algrinawi; Hai Lin; Qinglin Wu;	
	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	ICBBG2025-22 for Deep Foundation Applications Shengli Chen Pegah Ghasemi; Hannah Hiscott; Alden Sears; Brina Montoya; Celso Castro	
	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 Bemah Ibrahim; Md Mizanur Rahman; Md	Integration of Plants and Microbially Induced Soil Bolinaga; William Petry; Amy Grunden; ICBBG2025-40 Stabilization for Sustainable Infrastructure Design Benjamin Breland; Allison Scates	
	Evaluation of microbially induced desaturation and ICBBG2025-156 precipitation (MIDP) using semi-batch columns Evaluating injection strategies for a field trial of	The Challenge of Stabilizing Copper Tailings Using Rajibul Karim; Khoi Nguyen; Edward ICBBG2025-76 EICP: The Role of Inhibitors Kavazanjian A study on the heavy metal remediation and mechanical properties improvement of contaminated	Effects of microbially induced calcite precipitation Yasaman Abdolvand; Mohammadhossein ICBBG2025-52 (MICP) on the soil-concrete interface behavior Sadeghiamirshahidi	
	Evaluating injection strategies for a field trial of Microbially Induced Desaturation and Precipitation Patrick Kwon; Edward Kavazanjian Jr.; ICBBG2025-86 (MIDP) Leon A. van Paassen	mechanical properties improvement of contaminated humus soil using EICP method: From Particle-Scale to Yi Bian; Yanbo Chen; Liangtong Zhan; ICBBG2025-189 Macroscale Yufeng Gao		
3:20 - 3:50	Please join us in the Ventana (A) Ballroom for this afternoon's break - Sponsored by Haley & Aldrich, Inc			
	Haley & Aldrich, Inc.			
3:50 - 4:30 4:30 - 4:50	Keynote 6 (Brina Montoya), Pima Auditorium, Room 230 Special Talk (Jason DeJong), Pima Auditorium, Room 230			