

4:50 - 5:00

5:00 - 5:30

6:00 - 8:30 8:30 - 8:45 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	Sunday, May 18, 2025 - HMLK Building			
5:00pm-7:00ր Day 1	Monday, May 19, 2025 - Morning Sessions - Memorial Union			
7:00 - 7:45 7:15 - 7:45	Breakfast Buffet - Arizona Ballroom, Room 221 Registration Open - Arizona Ballroom lobby			
7:00 - 8:00	Exhibitor set up - Arizona Ballroom			
7:45 - 8:00	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 Plant root adaptation to changes in soil stiffness: Tomoya Nagayama; Luc Sibille; Emanuela	Track C: Graham, Room 226 Session 1C: Biopolymer Treated Soils - I Yaser Ghafoori; Parisa Samadi; Pooria	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	characterization and future perspectives for the design Del Dottore; Barbara Mazzolai; Gioacchino ICBBG2025-127 of self-motile robots (Cino) Viggiani	Stabilization of Dredged Marine Sediment Using Ghadir; Stanislav Lenart; Sabina Dolenec; ICBBG2025-13 Biopolymer Hamed Khodadadi Tirkolaei	ICBBG2025-26 Modification of Soil Properties by Fungal Mycelium Joon Soo Park; Hai Lin Effect of Engineered Fungal Mycelium Growth on
	Microbially induced calcite precipitation in fine-grained Yasaman Abdolvand; Mohammadhossein ICBBG2025-51 soils through mechanical mixing Sadeghiamirshahidi Influence of Curing Stress on Biocemented Sand:	Plant root-inspired penetration experiments in layered ICBBG2025-99 sand profiles Riya Anilkumar; Alejandro Martinez Harsha Vardhan Kurugodu; Debayan	Min Yao; Benhui Fan; Fernando ICBBG2025-185 Improvement of soil strength using biopolymers Lopez-Caballero; Jean-Marie Fleureau	Infiltration and Erosion Resistance in Fire-Affected Henry Nakaana; Adesola Habeeb ICBBG2025-158 Soils Adegoke; Emmanuel Salifu
8:50 - 10:20	Shear Modulus Degradation and Design of Treatment	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 Adesola Habeeb Adegoke; Yasen
	Carbonate Content on Drained Triaxial Behaviour of Unde Zeitouny; Wolfgang Lieske; Arash Lavasan; Torsten Wichtmann	Evaluation of the Capacity of Deployable Granular ICBBG2025-136 Anchors in Sands Aly Ghanem; Alejandro Martinez	Biopolymer-Induced Stabilization of Sandy Soils for Anish Lamsal; Mohammadhasan Sasar; ICBBG2025-87 Enhanced Erosion Resistance Sherif L. Abdelaziz	Influence of Fungal Mycelium on Desiccation Cracking Kashour; Saleh Alothman; Claudia Zapata; ICBBG2025-73 in Expansive Soils Emmanuel Salifu
	Effect of Spatial Variability on Unconfined Compressive Kipkorir Yano; Mohammadhossein ICBBG2025-67 Strength of MICP-treated Soils Sadeghiamirshahidi	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 Benedek Nagy; Qi Zhang; Alessandro ICBBG2025-94 treated with Pleurotus Ostreatus Tarantino; Grainne El Mountassir Alice Lane; Sravan Muguda Viswanath;
	Preliminary Investigation of the Effects of EICP on 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	Enhancing Soil Stability with Biopolymers and Anish Lamsal; Mohammadhasan Sasar; ICBBG2025-109 Vegetation Sherif Abdelaziz	Emmanuel Salifu; Hamed Khodadadi Exploratory research on optimising the synergistic ICBBG2025-118 application of fungi biopolymers in soil engineering Domenico Gallipoli
10:20 - 10:50				
	for this morning's break - Sponsored by Groundwater Technology			
10:20 - 11:50				
11:50- 1:00	Lunch Buffet Sponsored by Schnabel, Arizona Ballroom Monday, May 19, 2025 - Afternoon Sessions - Memorial Union			
1:00 - 1:40	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	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; 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	Layer of Xanthan Gum-Treated Soil during ICBBG2025-84 overtopping: Laboratory Experiments Matthew 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 Yvo Veenis; Eliam Vlijm; Edward
	Raymond Chen; Ahmet Mert Kavala; Emily Measuring and Modelling Kinetics of CO2 hydration Miller; Alexandra Clarà Saracho; Ewa J. JCBBG2025-171 catalysed by Carbonic Aphydrase in Buffered Systems Marek	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 Xanthan Gum Treated Sand as a Mechanism to Edwin Kotey; Matthew Czapiga; Enrica Viparelli; M. Hanif Chaudhry	Kavazanjian Jr.; Leon van Paassen; Increasing Amsterdam quay wall stability through ICBBG2025-150 Bio-Inspired Soil Improvement Yvo Veenis; Eliam Vlijm; Edward Kavazanjian Jr.; Leon van Paassen; Caitlyn Hall; Patrick Kwon; Caroline Van de Steenoven; Gert Jan Weerts
	ICBBG2025-171 catalysed by Carbonic Anhydrase in Buffered Systems Marek Simulation Study on Impact of MICP Treatment Against Ibuki Nishimura; Tomonori Yamada; ICBBG2025-8 Degradation of Geotextiles Hitoshi Matsubara	ICBBG2025-43 Root-inspired Anchors Tae-Hyuk Kwon 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	Understanding the variation of thermal conductivity of Avishek Ghosh; Aritra Banerjee; Volker ICBBG2025-180 sands with bio-cementation and desaturation Brozel; Emmanuel Salifu; Jasaswee Das
	Effects of Non-uniform Distribution of Calcium Carbonate in Sand Column by Enzyme Induced Calcite Yuru Chen; Qi Xu; Qiang Tang; Satoru	Investigating Physical and Mechanical Properties of	Sravan Muguda Viswanath; S Smitha; Emmanuel Salifu; Hamed Khodadadi Insights into the impact of synergistic fungi-biopolymer Tirkolaei; Agostino Walter Bruno;	A Synopsis of Difficulties and Benefits of Operating a Local Chapter of the Society of Women Engineers in
	ICBBG2025-10 Precipitation Using Discrete Element Method Kawasaki Durability of biocalcified porous materials exposed to solutions of varying aggressiveness: model-based Emilie François; Annette Esnault Filet;	ICBBG2025-25 Mud Dauber Nests Joon Soo Park; Hai Lin Shweta Mukundan; Bhupendra Chand; Shruti Pandey; Tejas G Murthy; Renee M.	ICBBG2025-119 stabilization on the shear strength of sand Domenico Gallipoli Utilizing Extracellular Polymeric Substances (EPS) Rashed Rahman; Rimjhim Sharma; Ishika from Psychrophilic Bacteria for Bio-Mediated Garg; Tejo V. Bheemasetti; Tanvi Govil;	ICBBG2025-145 Vicksburg, Mississippi after 2021 Allison Scates; Katie A. Martin Shaping High School Students' Educational and Career Paths Through University Engineering Lab
3:20 - 3:50	ICBBG2025-181 measurements and short- and long-term issues Leslie Sapin; Jean M.F. Martins Please join us in the Arizona Ballroom	ICBBG2025-111 Fabric and Structure of Potter Wasp Nests Borges	ICBBG2025-155 Frost-Susceptible Soil Stabilization Bret N. Lingwall; Rajesh Sani	ICBBG2025-53 Experiences Leah Folkestad; Jean Larson
3.20 - 3.30	for this afternoon's break - Sponsored by Groundwater Technology			
3:50 - 4:30	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 7:00 - 8:00	Tuesday, May 20, 2025 - Morning Sessions - Memorial Union Breakfast Buffet - Ventana A, Room 221			
7.00 0.00	Registration Open - Ventana A lobby			
	Exhibitor set up - Ventana A, Room 221			
8:00 - 8:40	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	Track C: Gold, Room 207 Session 3C: Biopolymer Treated Soils - III Yiwei Fang; Rick Qian; Steven Yang;	Track D: Pima Auditorium, Room 230 Session 3D: Case Studies and Field Applications of Biogeotechnics
	Characterization of Time-Dependent Bio-Invasion in ICBBG2025-15 Sandstone Using EICP Mary C. Ngoma; Oladoyin Kolawole	Design Considerations for Multi-axial Tensile Testing of Conventional and Next-Generation Geosynthetic ICBBG2025-58 Specimens Emre Duman; J. David Frost	Damien Crowley; Aaron Sloutski; Marcia Biopolymer produced by Rhizobium Tropici: Chemistry, Simon; Jay Gao; Miriam Rafailovich; Steve ICBBG2025-125 Water Retention, and Interactions with Clays Larson; Dilip Gersappe	Michael S. Carter; Kristen A. Bruce; Scaling up biocement production in the Department of Matthew J. Tuttle; Rhett L. Martineau; ICBBG2025-186 the Air Force Maneesh K. Gupta
		Interface Shear Directionality between	Aaron Sloutski; Justin Burzachiello; Yu-Chung Lin; Steven Slote; Benoit Lacroix; Vitaly Citovsky; Yuefan Deng;	Yvo Veenis; Eliam Vlijm; Agnes van Uitert; Ronald Damen; Leon van Paassen;
	MICP via denitrification pathway under aerobic Yasaman Abdolvand; Mohammadhossein ICBBG2025-55 conditions Sadeghiamirshahidi	Snakeskin-Inspired Surfaces and Normally ICBBG2025-100 Consolidated and Compacted Fine-Grained Soils Hyeon Jung Kim; Alejandro Martinez	Impact of Rhizobium Tropici Produced EPS on Marcia Simon; Jay Gao; Miriam ICBBG2025-135 Arabidopsis Thaliana Growth Rafailovich Ayman Mokhtar Nemnem; Puja	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 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
	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 Rodrigues; Leslie Sapin; Annette Esnault
	ICBBG2025-95 perspective Gianmario Sorrentino; Irene Rocchi	ICBBG2025-169 robot Tae-Hyuk Kwon	ICBBG2025-123 using Molecular Dynamics Simulations Gersappe Experimental study on the effect of biopolymers on the	ICBBG2025-130 slope against erosion Filet Yvo Veenis; Eliam Vlijm; Agnes van Uitert; Edward Kavazanjian Jr.; Leon van
	Methodology to generate root analogues based on root ICBBG2025-41 tensile behaviour Shanshan Li; Hans Henning Stutz	DEM Investigation of Sediment Densification Effect ICBBG2025-175 Induced by Mangrove-Inspired Skirt Piles Xiwei Li; Julian Tao; Leon van Paassen	thermal properties of soil and thermal diffusion analysis Hwijae Lee; Gi-Yun Kim; Jun-Hyeok Yum; ICBBG2025-107 using COMSOL Multiphysics Ilhan Chang	Improving Railway embankment stability through Bio ICBBG2025-144 Inspired Soil Improvement Paassen; Caroline Van de Steenoven; Paul de Groot
10:20 - 10:50	for this morning's break - Sponsored by			
	Keller-North America			
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10:50 - 11:5	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 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 A. Mancini; Maneesh K. Gupta 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 of EICP Treatment Parameters for Dust Sailm Alaufi; Emmanuel Sailfu; Edward 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	
1.00 - 3.20	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 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 Alqrinawi; 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 E. Rittmann; Edward Kavazanjian Jr.	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	Effects of microbially induced calcite precipitation ICBBG2025-52 (MICP) on the soil-concrete interface behavior Yasaman Abdolvand; Mohammadhossein 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	Taiong Gao		
	for this afternoon's break - Sponsored by Haley & Aldrich, Inc.			
3:50 - 4:30	Keynote 6 (Brina Montoya), Pima Auditorium, Room 230			
4:30 - 4:50	Special Talk (Jason DeJong), Pima Auditorium, Room 230			