

## 2019 Final Program

Time Start	Time End	Room Name	Presentation Title	Presenter(s)	Category	Company/Agency
7:00	7:45		Registration and Breakfast			
7:45	7:50		Opening and Welcome by Event Sponsor	Stanley		
7:50	8:00		ASCE Address	Tony Lau		
8:00	8:35		ASHE Address	Mark Hurtt		
8:35	8:40		Session Close/Breakout Announcement	Breanna Connolly		
			<b>8:45-8:55</b>			
8:55	9:45	Desert Star	I-40, Devil Dog Wash – The Devil is in the Details	Karen Hobbs and Diana Kelly	Transportation	Gannett Fleming
		Golden Poppy	Central AZ Project DCP Drought Plan	Mark Lewis, VP Engineering	Water/Environmental	Water Resource Institute
		Brittlebush	Arizona's Aging Bridges	Jerry Cannon, P.E.	Structures	Cannon Consultants LLC
		Chia	Abandoned Utilities and the Lack of Policy	Al Field	Utilities	Al Field & Associates, LLC
		Mariposa	Data-Driven Evaluation for Speeding Issues	Abolfazl Karimpour and Yao-Jan Wu	Transportation	University of Arizona
			<b>9:45-10:00</b>			
10:00	10:50	Desert Star	City of Peoria Systemic Safety Analysis and Project Development	Chris Lemka, PE, City Traffic Engineer	Transportation	City of Peoria
		Golden Poppy (Split Session)	Atterbury Wash Sewer Line Protection Inspection and Rehabilitation of the Principal Spillway Outlet at Buckeye FRS No2	Adrian Navarro Mark Fountain, PE, CFM, ENV SP	Water/Environmental	Michael Baker International Black & Veatch Corporation
		Brittlebush	Rope Access Inspection of the Iconic Golden Gate Bridge: A Towering Feat!	Jason Nauman, P.E., Spencer Tucker, P.E.	Structures	HDR
		Chia	Credentialing/Board Certification	Dennis L. Richards, PE, D.WRE, F.EWRI, F.ASCE	Miscellaneous	Premier Engineering Corp.
		Mariposa	Risk Based Approach to Condition Assessment	Frederick Tack, P.E., ENV SP., M.ASCE. Frank Dubasik, EIT, A.ASCE	Water/Environmental	GHD Inc.
			<b>10:50-11:00</b>			
11:00	11:50	Desert Star	50 Shades of Leadership	Barbara Shuck	Miscellaneous	Everest Marketing
		Golden Poppy	Protecting Inland Watercourses through Permitting and Regulation – An Overview Industrial Stormwater Discharge Regulations in Arizona and New Zealand	Roanna Purcaru, CPEng, CMEngNZ	Water/Environmental	GHD Inc.
		Brittlebush	ADOT/Industry Specification Update of MSE Walls and Drilled Shaft Foundations	Brent Conner, P.E.	Geotechnical	ADOT
		Chia (Split Session)	Maricopa County DOT Standards, Specifications, Details and Plan Review Past, Present, and Future of Civil Engineering Education and Practice	Karl Rockwell, PE ENV SP Dr. Achintya Haldar	Transportation Miscellaneous	Maricopa County University of Arizona
		Mariposa	Drone Capabilities	Jose Aguilar, P.E. Darlene Danehy	Miscellaneous	PSOMAS
			<b>11:50-1:25</b>			
11:50	12:00		Overview and Committee Thank You	Breanna Connolly		
12:00	12:20	Cottonwood Ballroom	President's Memorable Moment	Ted Smithwick		
12:20	12:40		Leading Others in Uncertain Times (Keynote)	Kristina Swallow		
12:40	12:50		Awards and Scholarships	Gary/Taylor		
12:50	1:00		New Officer Recognition/Session Close	Ted Smithwick		
			<b>1:00 - 1:10</b>			
1:10	2:00	Desert Star	Proposition 400 Update	Tim Strow	Legislative/Transportation	Maricopa Association of Governments, Director of
		Golden Poppy	The FLO-2D Web Access Tool	Elizabeth Rockwell, EIT, MS and Hussein Hussein, PE, CFM	Water/Environmental	Flood Control District of Maricopa County
		Brittlebush	Continuing Challenges and Remediation's at the US 89 Bitter Springs Landslide, Arizona	Jim Lemmon, R.G.	Geotechnical	ADOT
		Chia	Persuasive Storytelling with Data	Randy Kutz	Non-Technical	
		Mariposa	Update from the Technical Board of Registration	Alejandro Angel, PhD, PE, PTOE, RSP Melissa Cornelius	Miscellaneous	PSOMAS Arizona Board of Technical Registration
			<b>2:00-2:10</b>			
2:10	3:00	Desert Star	Design-build team for the SR101L	Joseph Heller, PE	Transportation	T.Y. Lin International
		Golden Poppy	ADOT State of Transportation	Jesse Gutierrez ADOT Deputy State Operations Engineer	Transportation	ADOT
		Brittlebush	Advancements for Geotechnical Subsurface Characterization in Transportation using Geophysics; including Ground Penetrating Radar, Seismic and Resistivity Methods	Phil Sirles	Geotechnical	Collier Consulting
		Chia	Title: "Living the Dream" while "Working for Fun": the adventures of an "Engineer Without Borders"	Fred A Zobrist, P.E., Fellow, Life Member, ASCE	Miscellaneous	
		Mariposa	Reliability engineering and system integrity	Pat Eisenberg	Utilities	City of Tucson
			<b>3:00-3:10</b>			
3:10	4:00	Desert Star	The Roadway Lighting Design Specification Exam	Suzanne Lansford, PE	Transportation	REDD
		Golden Poppy (Split Session)	Urban Storm Drain Design in Denver	Alejandro Riano, PE, CFM Thirumurugan Bose, PE, CFM	Water/Environmental	AECOM
			What's new in Section 404 permitting	Robert Anderson	Water/Environmental	Fennemore Craig
		Brittlebush	Does this concrete mix conform to the specifications? Evaluation of concrete mix designs and strength tests	Bryan R. Castles, P.E., F.ACI	Geotechnical	Western Technologies
		Chia	Urban Air Mobility – Your Next Shared Ride Files!	Maria Hyatt	Transportation	Gannett Fleming
		Mariposa	Marketing Before the Proposal	Brandi Barr	Miscellaneous	T.Y. Lin International
			<b>4:00 - 6:00</b>			
<b>Networking Reception</b>						