

2017 EWB-USA Conference



#EWBUSA2017

Thursday, October 5, 2017

7:00 - 8:00 am	Continental Breakfast (Workshop attendees ONLY) Regency Ballroom			
8:00 AM	Pre Conference Workshop 1	Pre Conference Workshop 2	Pre Conference Workshop 3	
Location	Executive A	Executive B	Lakeshore C	
Instructor	Steve Crowe	Ed Huston	Robert Reinmund	
	Project Delivery/Project Plan Workshop (8 am - noon)	ATC-20 Post Earthquake Safety Evaluation of Buildings and ATC-45 Safety Evaluation of Buildings after Windstorms and Floods (8 am - 5 pm)	Solar Pump Technology and Application (8 am - noon)	
1:00 PM			Pre Conference Workshop 4	
Location		Lakeshore C		
		Louis Woofenden, Frank Bergh		
		Solar Electricity in the International Development Context (1 - 5 pm)		
1:00 - 5:00 pm	Volunteer Project: Groundwork Milwaukee Meet in Atrium			
3:00 - 6:00 pm	Registration	Registration Open		
Location		Regency Ballroom Foyer		
4:00 - 6:00 pm		Conference Kickoff Reception		
Location		Atrium		
7:00 - 9:00 pm	Movie Screening - National Geographic's <i>Before the Flood</i>			
Location	Regency Ballroom			

Friday, October 6, 2017

6:30 - 7:30 am	Morning Fun Run (preregistration required; meet in Atrium)				
7:00 - 9 am	Continental Breakfast (opportunity to meet Student and Professional Reps to the EWB-USA Board of Directors) Regency Ballroom				
Plenary Session	Welcoming Remarks and Keynote, Catherine Leslie, EWB-USA				
8:30 AM	Everyone Leads: Unleashing Leadership Networks for Impact, Paul Schmitz, Leading Inside Out				
Location	Regency Ballroom				
Concurrent Session	Innovative Water Solutions	Community Engaged Development	Energy: Basics, Design, and Applications	EWB-USA Country Offices	EWB-USA Approach to Climate Change
Location	Milwaukee	Executive AB	Executive CD	Lakeshore AB	Lakeshore C
Moderator	Doug Stahl	Eric Lundborg	Larry Bentley	Chris Bleers	Kevin Hagen
10:00 AM	Changing the Model for Rural Potable Water Systems in the Guatemalan Highlands Paige Peters, Doug Stahl, William Vasquez, Eric Humphrey	ACCMARI: Community Engaged Development Engineering in Latin America Marissa Jablonski, Steve Crowe, Diego Ramirez Cobo	Solar Electricity Basics Chris Lombardo	EWB-USA's New Global Programming Approach	Climate Change and EWB-USA
11:00 AM	Designing a Robust Drip-Chlorination System to Disinfect Drinking Water Without Electricity Robin Collins	The Importance of Cultural Connections: Fostering Positive Relationships with Country Partners Natalie Palmquist	How to Succeed in Electrical Load Estimation		
11:30 AM	The Design of a Portable Incubator for Inexpensive In-Field Water Analysis Robert Read, Brian Helligman, Alice Zhao	The Cluster Approach: How Collaboration in the Assessment Phase can Lead to a Successful Implementation Madison Baker, Nikki Van DenHeever	Louis Woofenden	(Calidad! Making EWB projects happen in Guatemala Benjamin Cook, Kerry Frake	Kevin Hagen, Mike Paddock, Kevin Andrezejewski
Noon	Lunch				
Location	Regency Ballroom				
Plenary Session	Lunch Talk, Catherine Leslie, EWB-USA				
12:30 PM	Keynote: Border Lessons: Reflections on Crossing Culture and Working With Communities, Joby Taylor, The Shriver Center at UMBC				
Location	Regency Ballroom				

Friday, October 6, 2017 (continued)					
Concurrent Session	Innovative Water and Sanitation Solutions	Engineering an Impact for US Communities	Energy: Basics, Design, and Applications	The Human Element in Engineering	Charting Your Volunteer Journey
Location	Milwaukee	Executive AB	Executive CD	Lakeshore AB	Lakeshore C
Moderator	Taylor Brown	Clare Haas Claveau	Chris Lombardo	Julie Jones	Bruce Nieman
1:30 PM	Using Water Quality Data to Demonstrate the need for Appropriate Water Handling Methods Shannon Bartelt-Hunt, Chris Duerschner, Libby Jones	Community Perspectives on CECorps: Current and Potential Future Partners Colin Bailey, Catherine Flowers, Duane "Chili" Yazzie	Assessing Community Power Options Larry Bentley, Chris Lombardo, Louis Woofenden	Considering Context in Engineering Design Ann-Perry Witmer	Successful Chapter Operations & Recruitment Jaclyn Wilmot, Lisa Helme, Annie Smith, Ashley Robbins
2:30 PM	Lessons Learned in the Life of a Borehole Maria Franko, Philip Gunderson, Tim McGrath	All Scales are Beautiful: Building Community Globally, Regionally, and Locally Mac Prather, Brian Hunt	Solar Lighting System Design Louis Woofenden, Larry Bentley	The Human Factor of Engineering Tabitha Davis, Rebecca Alcock	Volunteer Onboarding & Retention Zayna Pieper
3:30 PM	From the Right Project to Doing the Project Right Marty Janowitz	Best Practices and Lessons Learned for CECorps Domestic Projects Jon Mulligan	Solar Systems in Peru Diana Farran, Wesley Hedrickson, Curt Nelson	Exploring Social Science Research Methods for Engineers Elizabeth Buchanan, Devin Berg, Tina Lee	Fundraising Tips & Tricks Annie Smith, Lisa Helme, Elaine Kehoe
4:00 PM			Lesson Learned from Installation of Lights in Schools in Madagascar Libby Jones, Chris Luth		
6:00 - 9:00 pm	EWB-USA 15th Anniversary Celebration (meet in Atrium)				
Location	Milwaukee Art Museum				
Saturday, October 7, 2017					
6:30 - 7:30 am	Morning Fun Run (preregistration required; meet in Atrium)				
7:00 - 9:00 am	Continental Breakfast (opportunity to meet EWB-USA Regional Leadership)				
Location	Regency Ballroom				
Plenary Session	Welcome Back! Catherine Leslie, EWB-USA				
8:30 AM	Keynote Panel: Engineering Environmental Justice: The Human Rights to Water and Sanitation in the US, Colin Bailey, EJCW, Catherine Flowers, ACRE, Duane "Chili" Yazzie, Navajo Nation				
Location	Regency Ballroom				
Concurrent Session	Water Project Case Studies	Use of Technology in Development	Community Selection and Assessments	Development Perspectives	Charting Your Volunteer Journey
Location	Milwaukee	Executive AB	Executive CD	Lakeshore AB	Lakeshore C
Moderator	Mike Paddock	Gerard Dalziel	Chris Bleers	Melissa Montgomery	Jaclyn Wilmot
10:00 AM	Nepal Water Project Closeout: Documentary Screening Thomas Rebbecchi, Jennifer Hamvas	Mapping Project Sites with GPS-Tracking Apps Tomoya Hasegawa, McKenna Roberts	open	Design Thinking and the SDGs Natasha Koermer, Andrea Corral	So You Think You Might Like to Move Beyond Chapter and Project Work - Why a Regional Leadership Position Might be Right for You Bruce Nieman, Julie Jones
11:00 AM	Factors for Success And Failure in Water Well Projects: EWB-USA Projects from 2005 - 2017 Libby Jones, Monish Kurra	Technology Prototyping Using SketchUP and Virtual Reality James (Jake) Mireles	When Community Program Applications and Assessments Don't Match: Capturing and Learning from Chapter Experiences David Sacco	EWB-USA Country Office Guatemala: The Intern Perspective Kelsey Welch, Hannah Mas, Jeremy Driscoll	Diverse Career Trajectories for Members: a panel on future opportunities Natasha Koermer, Frank Bergh, Chris Lombardo, Kathryn Alexander
11:30 AM	When the Earth Goes Dry Joshua Newman, Beth Enright		Leveraging your First Assessment Trip Kerry Muenchow, Ramona Bago	Program Evaluation – Intern's View and Lessons Learned: Guatemala Country Office Jeremy Driscoll	
Noon	Lunch: Sponsors will be hosting tabletops during lunch. Visit each sponsor for a chance to win prizes!				
Location	Regency Ballroom				
1:30 PM	Poster Session and Awards			Virtual Reality Demo	
Location	Atrium			James (Jake) Mireles	
Concurrent Session	IEEE Special Session	Successful Development and SDGs	Development Design Tools and Principles	Sustainable, Human Centered Practices	New Ways to Do Projects
Location	Milwaukee	Executive AB	Executive CD	Lakeshore AB	Lakeshore C
Moderator	Cathy Leslie	Julie Jones	Todd Davis	Kevin Andrzejewski/Natasha Koermer	Taylor Brown
3:00 PM	IEEE's Approach, Programs, and Contributions to the Sustainable Development Sector Kartik Kulkarni	What Makes Development Successful? A Comparison of Two Communities Using Anthropological Data Sarah Moore	Site Assessment and Design Tools: Field Guides for Soil Classification and Timber Grading and Design Todd Davis, Lauren Itzin	Lessons from the Field: Panel Debate on Appropriate and Human-Centered Design Methodologies Kevin Andrzejewski, Larry Bentley, Frank Bergh, Waleska Crowe, Chris Bleers, Natasha Koermer, Bruce Nieman	The Mentorship Game: A Guide to Joint Professional/Student Projects Nicole Trenchard, Robert Anderson
3:30 PM	IEEE Smart Village Program Ray Larsen	Local Implementation and Global Reporting of SDGs: A Guide for EWB Chapters and Young Leaders Jessica Taylor	Holistic Site Assessment: Using Permaculture Design Principles for Comprehensive and Sustainable Rural Development Ghadi Tayeh	Social Justice and Sustainable Humanitarian Engineering Practices Walt Walker, Dhara Shah, Frank Bergh	Breaking it Down - Knowing what to Do and When on Your Project Bruce Nieman
4:00 PM	IEEE/EWB-USA Panel Discussion Kartik Kulkarni, Ray Larsen, Mike Paddock, Libby Jones				
5:15 - 7:30 pm	EWB-USA End of Conference Reception				
Location	Regency Ballroom				