

San Diego IRWM Program
Tijuana River Watershed Panel Participants, Bios, and Topics

#	Name	Summary/Bio	Panelists' Topics
How does water resource management differ in TRW? What are the challenges and how can they be addressed? How can these efforts be funded?			
1	Dr. Trent Biggs, <i>SDSU Professor of Geography</i>	Dr. Biggs specializes in Watershed Analysis and Water Resources. Research projects include: Urbanization and sedimentation in Tijuana, satellite imagery for land use mapping, modeling of effects of urbanization on stream flow in San Diego County.	<p><i>Hydrology and topography of the Tijuana River Watershed:</i></p> <ul style="list-style-type: none"> • <i>Overview of watershed characteristics</i> • <i>Erosion processes and transboundary sediment flows</i> • <i>Fieldwork and modeling results: sediment is from unpaved roads and stream channels</i> • <i>Need to assess impacts of road paving and BMPs on sediment, flooding, and channel stability</i>
2	Dr. Mike McCoy, <i>Co-Founder and President of Southwest Wetlands Interpretive Association (SWIA) and Serves on Tijuana River National Estuarine Research Reserve Advisory Council</i>	Dr. McCoy was instrumental in securing protection for the Tijuana Estuary as a “wetland of international importance” and founded nonprofit organization SWIA for the purpose of securing and maintaining funding necessary to support and conserve the estuary.	<p><i>Overview of US-Mexico institutional partnerships:</i></p> <ul style="list-style-type: none"> • <i>Framework for current conditions</i> • <i>History of institutional planning/processes</i> • <i>IBWC/CILA Water Treaty Minute: this new minute will add trash and sediment flow management to the US-Mexico Water Treaty Agreement</i>
3	Bryn Evans, <i>CPSWQ Senior Project Manager at Dudek</i>	Mr. Evans is a watershed management and stormwater practitioner who has 15 years of experience in technical oversight of environmental programs. Mr. Evans played an instrumental role in creating the Tijuana River Valley Recovery Strategy for the Tijuana River Valley Recovery Team (Recovery Team) and is part of the team developing the Tijuana River Watershed Water Quality Improvement Plan (WQIP).	<p><i>Recent US efforts to manage the Tijuana Valley’s water and natural resources:</i></p> <ul style="list-style-type: none"> • <i>Brief review of the Tijuana River Valley Recovery Strategy development and priority action areas</i> • <i>Summary of current Recovery Team project concepts for next step implementation</i> • <i>Description of the separate but concurrent WQIP process to address pollutant discharges in the US through the storm drain system</i>
4	Dr. Oscar Romo, <i>UCSD Urban Planning Professor and Contractor to the State Water Resources Control Board</i>	Dr. Romo specializes in developing Natural Systems Design solutions that address environmental issues in less developed countries around the globe. For the past 3 decades, he has worked to build binational partnerships to resolve ecosystem degradation in San Diego-Tijuana Border Region.	<p><i>Water quality management and partnerships in Mexico:</i></p> <ul style="list-style-type: none"> • <i>Overview of Mexican City, State and Federal resource management agencies</i> • <i>History of bi-national cooperation – Recovery Team</i>