



**"Water Quality and Floodplain
Management - A Concept
Whose Time Has Come"**

**Caesar's Palace
Lake Tahoe, Nevada**

September 23-26, 2001

Technical Program Chair:

**Jeanne Ruefer
Washoe County, NV**

FMA Chair:

**Michael J. Parker
County of Santa Barbara**

Executive Director:

Laura Hromadka



**Floodplain Management
Association Fall 2001 Conference**

Final Revised Program

**Water Quality and Floodplain Management -
A Concept Whose Time Has Come**

**September 23-26, 2001
Caesars Tahoe - Lake Tahoe, NV**

Welcome to Lake Tahoe and Caesars! The Floodplain Management Association and Technical Program Chair Jeanne Ruefer has gathered together an excellent program to help you continue your efforts to be the best floodplain manager you can be! Along the way, we will also have some social fun with a reception and a banquet dinner to remember! Be sure to wear your favorite cow-person outfit Tuesday night; we're going **WILD WEST!** Our Banquet will feature cranky gunslingers, steer roping, and fast-draw competitions, with a grand finale performance featuring **Dance Hall Girls!** Also, we're holding an **AUCTION!** At the Ice Breaker Reception, a professional auctioneer will try to maintain order as we bid for must-have gift certificates, prizes, and trips, all of which will be auctioned to raise funds for future events -- don't miss this golden opportunity!

Technical Program

Sunday 9/23	1 - 5:00 pm	New Elevation Certificate Workshop - <i>Ed Perez, California Dept of Water Resources</i>	Forum 1
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Monday 9/24	7:30 - 8:00 am	Continental Breakfast	Ballroom
	8:00 am - 12:00 pm	HEC GEO RAS - <i>Cameron Ackerman, Gary Brunner; U.S. Army, Corps of Engineers, Institute for Water Resources, Hydrologic Engineering Center</i>	Forum 4
		Field Trip - <i>Water Quality in Lake Tahoe; Wetlands, Kokanee Salmon Run-</i> Amir Soltani, Bill Gall; Nevada Dept. of Transportation, Hydraulics Division	Forum 1
	12:00-1:00 pm	Lunch on Own	
	1:00 - 5:00 pm	CRS Update Workshop - <i>Ron Mielnicki, Rob Flaner, Linda Ryan; ISO</i>	Forum 1
		HEC - RAS 3 - <i>Gary Brunner, Cameron Ackerman; U.S. Army, Corps of Engineers, Institute for Water Resources, Hydrologic Engineering Center</i>	Forum 4
	5:30 - 8:00 pm	Hosted Reception and Auction!	Ballroom

Tuesday 9/25	7:30 - 8:30 am	Continental Breakfast	Ballroom
	8:30 - 12:00 pm	Opening Plenary Session - <i>Welcome - Michael Parker, FMA Chair; Laura Hromadka, Exec. Director; Jeanne Ruefer, Technical Program Chair</i>	Forum 3 & 4
		Juan Palma, Executive Director; Tahoe Regional Planning Agency - <i>Water Quality Efforts in the Lake Tahoe Basin</i>	
		Dr. Charles R. Goldman, Professor; UC Davis, Dept. of Environmental Science & Policy - <i>Water Quality History of Lake Tahoe</i>	
		Larry McKenney, Assistant Chief of Staff, Facilities; U.S. Marine Corps, Camp Pendleton - <i>Watershed Level Regional Water Quality Issues in a Multi-jurisdictional Area</i>	
		Dr. Terry Rees, USGS, District Chief, Nevada; - <i>Water Quality Surveys, Projects and Conclusions</i>	
		Dr. P. Kyle House, Research Geologist; Nevada Bureau of Mines and Geology - <i>Geomorphology, Water Quality and Floodplain Management</i>	
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	12:00-2:00 pm	Luncheon - Awards & Business Meeting	Forum 2
		Guest Speaker - <i>Allen Biaggi, Administrator; Nevada Division of Environmental Protection - New TMDL's for the State of Nevada</i>	
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	2:15 - 3:15 pm	Session IA - Wetlands and Water Quality Moderator: <i>Ricardo Pineda, CA DWR</i>	Forum 1
		Design of Wetland for Stormwater Treatment and Mitigation; <i>Mahmood Azad, Mary Horvath, WRC Nevada</i>	
		Snow Creek Wetland Restoration and Floodplain Enhancement Project; <i>Charles L. Macquarie, Lumos and Associates, Inc. and Julie Etra, Western Botanical Services</i>	
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	2:15 - 3:15 pm	Session IB - Water Quality Management Moderator: <i>Maria Lorenzo-Lee, CA DWR</i>	Forum 4
		Can Society Afford to Treat Urban Runoff? Can Society Afford Not to? <i>Chandra Mantecon, Orange County Sanitation District</i>	
		Integrated Stream Corridor and Water Quality Plan for San Luis Obispo Creek; <i>Sydney Temple, Wes Lauer, Questa Engineering Corporation</i>	
		Water Quality Database for Los Angeles and Ventura Counties, California; <i>Ted Hromadka, Integral Consultants</i>	

Water Quality Database for Los Angeles and Ventura Counties, California

Theodore V. Hromadka II, Ph.D., Ph.D., Ph.D., Integral Consultants, Inc.

During the last few years, a data base was developed that summarizes water quality data collected for all gauges and monitoring sites in Las Angeles and Ventura counties. These data were converted into a common format and recorded into convenient files based on the location and time of record. A statistical program was developed that was applied to this data base. Results of that analysis included various statistics such as percentiles, among others. This data base has been for several studies including identifying target thresholds for water quality goal setting. The data base was assembled at California State University, Fullerton, and can be obtained, at no charge, from the paper's author.