

Table XX. Previous and Ongoing Studies

Study ID	Title	Prepared By	Prepared For	Publication Date
1	Federal Flood Assessment Conference Recommendations and Proceedings	Dr. Ari Michelsen, El Paso Agricultural Research Center, Texas Agricultural Experiment Station, Texas A&M University	16th Congressional District of Texas	38966
2	Meteorological Aspects of the 2006 El Paso Texas Metropolitan Area Floods, Vol 33, No 1, National Weather Digest	Joseph Rogash, et al, NOAA, National Weather Service, Santa Teresa, NM/El Paso, TX	NOAA, National Weather Service, Weather Forecast Office	40026
			EPCWID No. 1	42917
4	Final - Evaluation of Reduced Flow Capacity of the Rio Grande and the Impacts on the Operations of the Rio Grande Project Leasburg Dam to American Dam, Phase I - Main Channel and Floodways - Anthony, NM to American Dam	Joint Committee on Rio Grande Project Flood Risk	Elephant Butte Irrigation District, City of El Paso EPWater/Storm water, and El Paso County Water Improvement District No. 1	43795
5	Building Resilience to Drought in Big Bend Creeks Through Stream Flow Harvesting and Reforestation, Chihuahuan Desert Conservation Partnership Field Trip, Fall 2021	Jeff Bennett, Rio Grande Joint Venture; Philip Boyd, Dixon Water Foundation	Chihuahuan Desert Conservation Partnership	Fall 2021
6	The Role of Feedback Mechanisms in Historic Channel Changes of the Lower Rio Grande in the Big Bend Region	David J. Dean, John C. Schmidt, Dept of Watershed Sciences, Utah State Univ., Logan, UT	Elsevier, GEOMOR-03223	40246
			Elsevier, <i>Geomorphology 201 (2013)</i>	41453
8	Atlas-14 Precipitation Research and Analysis for the City of El Paso	Clinton Kimball, AECOM	El Paso Water	43819
9	Emergency Action Plan, City of El Paso High Hazard Dams	URS Corp	City of El Paso and El Paso Water Utilities	40360
10	Technical Memo - Existing Condition Analysis & Improvement Concepts, South Central Street and Drainage Projects, Simplified Master Drainage Study	Chris Wright, AECOM	Geoffrey Espineli, CNU-A, City of El Paso	42150
			Yesenia Castro, City of El Paso	42331
12	El Paso Stormwater Master Plan	URS Corp and Moreno Cardenas, Inc.	El Paso Water and the City of El Paso	39873
13	El Paso Stormwater Master Plan Update	Jeff Irvin, Gilbert Andujo, AECOM	El Paso Water and the City of El Paso	44392
14	Concho Valley Council of Governments, Hazard Mitigation Plan Update, 2012 - 2017	H2O Partners, Inc.	CVOCOG City of El Paso	Unknown 39264
16	Metropolitan Transportation Plan, Destino 2045	El Paso Metropolitan Planning Organization Transportation Project Advisory Committee, Texas Dept of Transportation, New Mexico Dept of Transportation	Alliance Transportation Group	43238
17	Figure 8-35. DRAFT Doniphan System, Doniphan Ditch (NW1 & NW2), Northwest Region, El Paso Stormwater Master Plan	URS Corp and Moreno Cardenas, Inc.	El Paso Water and the City of El Paso	40483
18	Supplemental Information to Tech Memo, Doniphan Ditch Upstream Project, El Paso, Texas	Quantum Engineering Consultants, Inc.	El Paso Water Utilities	40455
			City of El Paso	39499
20	Plan El Paso, A Policy Guide for El Paso for the next 25 years and beyond, Vol 1, City Patterns	Various	City of El Paso	40974
21	Final Results of Hydraulic Study, El Paso County, TX	Compass PTS JV, Arlington, VA	DHS/FEMA, Region 6, Washington DC	43646
22	Final Results of Hydraulic Study, El Paso County, TX	Compass PTS JV, Arlington, VA	DHS/FEMA, Region 6, Washington DC	43646
			Albuquerque Area Office, Bureau of Reclamation, U.S. Dept of the Interior	43374
24	El Paso County Interior Drainage Study, Methodology and Mapping Results Report	Chris Wright, AECOM	City of El Paso and El Paso Water Utilities	44233

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25	El Paso County Stormwater Master Plan	URS Corp	El Paso Water Utilities, TWDB, and El Paso County	40391
26	El Paso County Stormwater Master Plan	AECOM	El Paso Water Utilities, TWDB, and El Paso County <i>City of El Paso</i>	44228 43901
28	Flood Frequency Determination, El Paso County and Incorporated Communities, Texas, Disaster Response Flood Recovery Data	Mapping Alliance Partnership, Albuquerque, NM	FEMA, Region VI, Denton, TX	39167
29	High Water Mark Data Collection for El Paso County and Incorporated Communities, Texas	Mapping Alliance Partnership, Albuquerque, NM	FEMA, Region VI, Denton, TX	39136
30	Flood Insurance Study, Brewster County, Texas. Unincorporated Areas	FEMA	FEMA <i>FEMA</i>	33330 33193
30b	Flood Insurance Study, city of Balmorhea, Texas. Reeves County.	FEMA	FEMA	32402
30c	Flood Insurance Study, City of Sonora, Texas. Sutton County	FEMA	FEMA	32556
30d	Flood Insurance Study, City of Van Horn, Texas. Culberson County.	FEMA	FEMA <i>FEMA</i>	34640 40983
30f	Flood Insurance Study, Volume 1 of 5, City of El Paso, Texas. El Paso County.	FEMA	FEMA	38764
30g	Flood Insurance Study, Volume 2 of 5, City of El Paso, Texas. El Paso County.	FEMA	FEMA	38764
30h	Flood Insurance Study, Volume 3 of 5, City of El Paso, Texas. El Paso County.	FEMA	FEMA <i>FEMA</i>	38764 38764
30j	Flood Insurance Study, Volume 5 of 5, City of El Paso, Texas. El Paso County.	FEMA	FEMA	38764
30k	Flood Insurance Study. FEMA. Volume 1 of 8. El Paso County, Texas and incorporated areas.	FEMA	FEMA	44020
30l	Flood Insurance Study. FEMA. Volume 2 of 8. El Paso County, Texas and incorporated areas.	FEMA	FEMA <i>FEMA</i>	44020 44020
30n	Flood Insurance Study. FEMA. Volume 4 of 8. El Paso County, Texas and incorporated areas.	FEMA	FEMA	44020
30o	Flood Insurance Study. FEMA. Volume 5 of 8. El Paso County, Texas and incorporated areas.	FEMA	FEMA	44020
30p	Flood Insurance Study. FEMA. Volume 6 of 8. El Paso County, Texas and incorporated areas.	FEMA	FEMA <i>FEMA</i>	44020 44020
30r	Flood Insurance Study. FEMA. Volume 8 of 8. El Paso County, Texas and incorporated areas.	FEMA	FEMA	44020
30s	Flood Insurance Study, El Paso County, Texas. Unincorporated areas.	FEMA	FEMA	33485
30t	Flood Insurance Study, Midland County, Texas and incorporated areas.	FEMA	FEMA <i>FEMA</i>	38611 40381
31	Flowpath 39 Flood Mitigation Alternatives. Final Report.	AECOM	El Paso Water Utilities	42709
32	El Paso Water. Final Survey for the Rio Grande Storm Upstream/Outfall Structures.	Frank X. Spencer & Associates, Inc.	El Paso Water	43584
33	Hudspeth County, Texas. Villa Alegre, Fort Hancock East Unit 1, & Fort Hancock East Unit 2. Colonia Area Study and Plan 2019 - 2029.	GreatWorks	Commissioners Court of Hudspeth County, Texas <i>International Boundary and Water Commission</i>	43800 42297
35	Final Environmental Assessment. Improvements to the Rio Grande Rectification Project.	Parsons	United States Section, International Boundary and Water Commission United States and Mexico.	39873
36	Conceptual Restoration Plan and Cumulative Effects Analysis, Rio Grande - Caballo Dam to American Dam, New Mexico and Texas.	U.S. Army Corps of Engineers. Albuquerque District.	United States Section International Boundary and Water Commission (USIBWC) Under (MOU) IBM 92-21, IWO No. 31	39877
37	Hydrologic and Hydraulic Analysis of the Montoya and Nemexas Drains and Contributing Drainage Areas	URS	El Paso Water Utilities, Stormwater Engineering, El Paso. <i>El Paso Water Utilities. Ryan Stubbs.</i>	41939 42396
39	Hydrologic Analysis Review Memorandum. Rio Grande-Caballo Dam to Ft Quitman.	AECOM		43658

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Study ID	Title	Prepared By	Prepared For	Publication Date
40	Technical Memorandum. Rio Grande (El Paso County, Texas). Hydraulic Analysis.	AECOM	El Paso County, Texas	43871
41	Natural Valley Analysis Pre-LAMP Report.	Federal Emergency Management Agency	Hydrometeorological Information Center	42671 39692
43	2019 Water Management and Civil Works Activities. Pecos River Basin.	U.S. Army Corps of Engineers. Albuquerque District.		43928
44	Pecos River Basin Salinity Assessment, Santa Rosa Lake, New Mexico, to the Confluence of the Pecos River and the Rio Grande, Texas, 2015. Scientific Investigations Report 2019-5071.	U.S. Army Corps of Engineers, New Mexico. Interstate Stream Commission, Texas Commission on Environmental Quality, and Texas Water Development Board.	U.S. Department of the Interior. U.S. Geological Survey.	42036
45	Reclamation Managing Water in the West, Emergency Action Plan, Avalon Dam, Carlsbad Project, New Mexico	U.S. Dept of the Interior, Bureau of Reclamation, Upper Colorado Region, Albuquerque Office	Carlsbad Irrigation District, Carlsbad, New Mexico El Paso Water	41395 43252
47	Multi-Hazard Mitigation Action Plan. 2015 El Paso County, Texas.	Rio Grande Council of Governments. URS.	El Paso County, Texas	43439
48	Wetlands, Vol. 18, No. 4. Chronology of the spread of Tamarisk in the Central Rio Grande.	Benjamin L. Everitt. Utah Division of Water Resources.	The Society of Wetland Scientists	2006-2007
49	Drainage Feasibility Study. Socorro Rd. Intersections with San Antonio St. % Main St.	Brock & Bustillos Inc.	City of San Elizario NWS	44197 44075
51	Far West Texas Water Plan	Far West Texas Water Planning Group	Texas Water Development Board	44064
52	Statewide Survey of Aquifer. Suitability for Aquifer Storage and Recovery Projects or Aquifer Recharge Projects.	HDR	Texas Water Development Board	36997
53	Cebada Pump Station Wet Well Improvements. Feasibility Study. Final Report.	AECOM	El Paso Water Office of the Texas State Climatologist.	43435 43435
55	Bridge Scour Analysis for US 190 at Draw	Civil Tech Engineering, Inc.	Texas Department of Transportation. Pecos County.	43952
56	Bridge Scour Analysis for US 190 at Richburg Draw. TxDOT CSJ No. 1640-01-005	Civil Tech Engineering, Inc.	Texas Department of Transportation. Pecos County.	41306
57	Drainage Study for FM 170 from Candelaria to US-67	AECOM	TxDOT Presidio County, Texas TxDOT El Paso, Texas	43466 38626
59	Drainage Study for SH 20 (Mesa Street) From Doniphan Drive to Texas Avenue	AECOM	TxDOT El Paso, Texas	39374
60	FLO-2D Model Development below Caballo Dam URGWOM	Tetra Tech. Inc.	U.S. Army Corps of Engineers	2005
61	URGWOM FLO-2D Model Development. Rio Grande - American Dam to Fort Quitman, TX	Mussetter Engineering, Inc.	U.S. Army Corps of Engineers. Albuquerque District and International Boundary and Water Commission, El Paso, Texas. URGWOM	39400
63	Cibolo Creek, Presidio, Texas, Vol 1 - Main Report; Feasibility Report for Water Resources Development	USACE, Albuquerque District, Albuquerque, NM	USACE	27881
64	Interior Drainage Analysis Report for El Paso, Texas, Doniphan Drive, Borderland to American Dam	3AEGREEN - A Joint Venture	USACE and El Paso Water Utilities	43175
65	Technical Memo - Keystone Dam - Limited Seepage Study, El Paso, Texas	Arias & Associates, Inc. and URS Corporation	URS Corporation USACE, Albuquerque District, Albuquerque, NM	41949 42125
67	Rio Grande Canalization Project - LIDAR and Orthophotography Report	Wilson & FNI JV	IBWC	43994

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68	O&M Manual upper Rio Grande Projects	Upper Rio Grande Projects, American Dam/Carlos Marin Field Office, El Paso, TX	IBWC	40452
69	Flood Frequency Study for the Rio Grande Between El Paso, Texas/Juarez, Chihuahua and Brownsville, Texas/Matamoros, Tamaulipas	Engineering Services Division, US Section, IBWC, United States and Mexico	IBWC US Section, IBWC, El Paso, TX	Sept. 2003 44417
71	Rehabilitation Improvements for the Rio Grande Canalization Protective Levee System, Canutillo Phase II, El Paso, Texas - 100% Design Documentation Report	URS Group, Inc., Austin, TX	US Section, IBWC, El Paso, TX	41487
72	Rehabilitation Improvements for the Rio Grande Canalization Protective Levee System, Canutillo Phase II - Hydrologic & Hydraulic Analysis Report	URS Group, Inc., Austin, TX	US Section, IBWC, El Paso, TX	41507
73	Interior Drainage Hydrologic and Hydraulic Analysis for El Paso, TX, International Dam to Riverside Weir Report; Stormwater Master Plan Task Order No. 13	URS Corp, Austin, TX	US Section, IBWC, El Paso, TX Texas Dept of Public Safety	43526 43374
75	Geotechnical Investigation Report, Keystone Dam Sluice Gate Modification, El Paso, Texas	URS Corp.	El Paso Water Utilities	Nov. 2014
76	City of El Paso Flood Risk Management, TX, Investigations	USACE, Albuquerque District, Albuquerque, NM	USACE	
77	Flood Control Challenges of the El Paso Central Watershed	EPWater	USACE TSSWCB and USEPA	39722
79	Andrews County Subdivision and Development Regulations	Andrews County Commissioner's Court	Andrews County Commissioner's Court	41806
80	Flood Damage Prevention Ordinance	Brewster County Commissioner's Court	Brewster County Commissioner's Court	43082
81	Ector County Multi-jurisdictional Hazard Mitigation Plan	H2O Partners, Inc	Ector County, City of Odessa, City of Goldsmith El Paso County; Cities of El Paso, Socorro; Towns of Anthony, Clint, Horizon City, Vinton	2011 2015
83	Hazard Mitigation Action Plan for the Rio Grande Border	H2O Partners, Inc	Rio Grande border region, multiple communities	39741
84	Environmental Flows Recommendations Report	The Upper Rio Grande Basin & Bay Expert Science Team	Environmental Flows Advisory Group, Rio Grande Basin and Bay Area Stakeholders Committee, and TCEQ	41102
85	Economic effects of a reservoir re-operation policy in the Rio Grande/Bravo for integrated human and environmental water management	J. Pablo Ortiz-Partida (Graduate Student Researcher) ¹ , B.A. Lane (Graduate Student Researcher) ¹ , S. Sandoval-Solis (Assistant Professor) Department of Land, Air and Water Resources, University of California, Davis, USA	Journal of Hydrology: Regional Studies State of WRM policies and tools for the Rio Grande/Bravo Activities Report	42593 42795
87	Flood Protection Planning Study for City of Alpine, Brewster County, Texas	PBS&J	City of Alpine	37223
88	El Paso Stormwater Master Plan Update	AECOM	El Paso Water	On-going
89	Emergency Action Plan Updates, City of El Paso High Hazard Dams	AECOM	El Paso Water	On-going