Juried Publications


Proceedings Papers and Other Publications


Reports


"Black Wash Floodway Study, Sandario Road to Los Reales Road, Pima County, Arizona" June, 1988. Report to the Pima County Flood Control District.


"Franco Wash Hydrology Study" 1989. Report to the Pima County Flood Control District.
"Hughes Wash Hydrology Study" 1989. Report to the Pima County Flood Control District.

"Analysis of the Effects of In-Stream Sand and Gravel Mining on Pantano Wash, Pima County, Arizona," 1989, Report to the Pima County Flood Control District/Flood Control District Advisory Committee.


"Hydrologic Analysis of Town Wash, Mesquite, Nevada (Clark County), Request for Letter of Map Revision" 1990. Report to the City of Mesquite, Nevada and the Clark County Flood Control District.


"Bridge Hydraulics Report for Interstate 5 Proposed Highway Widening Project - Aliso and Oso Creeks, Orange County, California" 1992. Report to Caltrans Region IX.


“Bridge Hydraulics Report - Interstate 5 Bridges at Aliso Creek, Oso Creek, and San Fernando Rivers” 1993 Report to Caltrans, Region VIII.


“Sedimentation Analysis for Fort Pierce Wash Near River Road,” 1996. Report to the City of St. George, Utah. With CH2M HILL.


“Rose Creek Geomorphic Assessment, Salt Lake County, Utah,” 1997, Report to CH2M HILL, Salt Lake City, Utah.

“Geomorphic Assessment for Big Willow Creek, Salt Lake County, Utah,” Report to CH2M HILL, Salt Lake City, Utah.


“Geomorphic Analysis of Skunk Creek at the Tramonto Subdivision, Phoenix, Arizona,” 1999. Report to the City of Phoenix Planning Department.


“Geomorphic Analysis of the Proposed Virgin River Fish Barrier, St. George, Utah,” Report to PBS&J Engineers, St. George, Utah.


“Cave Creek Erosion Hazard Analysis – Allred Property,” 2001, Report to the Town of Cave Creek, Arizona.


“Cave Creek Erosion Hazard Analysis – Hoyle Property,” 2002, Report to the Town of Cave Creek, Arizona.


“Cave Creek – Andora Hills Wash Erosion Hazard Analysis – Allred Property,” 2002, Report to the Town of Cave Creek, Arizona.

“Cave Creek Erosion Hazard Analysis – Bohm Property,” 2002, Report to the Town of Cave Creek, Arizona.


“Interim Guidelines for Sand and Gravel Mining Floodplain Use Permit Applications,” 2003, Report to the Flood Control District of Maricopa County.


“Erosion Hazard Analysis for Allred Property II, Cave Creek, Arizona,” 2004, Report to the Town of Cave Creek, Arizona.

“Erosion Hazard Analysis for Allred Property, Cave Creek, Arizona,” 2004, Report to the Town of Cave Creek, Arizona.


“Erosion Hazard Analysis for Allbrecht Property, Cave Creek, Arizona,” 2004, Report to the Town of Cave Creek, Arizona.


“Erosion Hazard Analysis for Copenhaver Property, Cave Creek, Arizona,” 2004, Report to the Town of Cave Creek, Arizona.

“Erosion Hazard Analysis for Nevin Property, Cave Creek, Arizona,” 2004, Report to the Town of Cave Creek, Arizona.


“Erosion Hazard Analysis for Trubakoff Property, Cave Creek, Arizona,” 2004, Report to the Town of Cave Creek, Arizona.

“Erosion Hazard Analysis for Dickover Property, Cave Creek, Arizona,” 2004, Report to the Town of Cave Creek, Arizona.

“Erosion Hazard Analysis for Town of Cave Creek Wastewater Treatment Facility, Cave Creek, Arizona,” 2005, Report to the Town of Cave Creek, Arizona.

“Erosion Hazard Analysis for VanDegna Property, Cave Creek, Arizona,” 2005, Report to the Town of Cave Creek, Arizona.


“Erosion Hazard Analysis for Schneider Property, Cave Creek, Arizona,” 2006, Report to the Town of Cave Creek, Arizona.

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“Carefree Drainage Master Plan – Sedimentation Engineering and Geomorphic Evaluation,” February 2002, Report prepared for the Flood Control District of Maricopa County on behalf of CH2M HILL.


“Virgin River Flood Study – Geomorphic Analysis Report, October 2006, Report to the Clark County Regional Flood Control District on behalf of PBS&J, Inc.

“Pinal County Area Drainage Master Plan Rules of Development,” November 2006, Report to the Pinal County Flood Control District on behalf of Entellus, Inc.

“Santa Cruz River Channel Condition Report,” February 2006, Report to the Arizona County Insurance Pool on behalf of the Pinal County Flood Control District.

"Jordan River Stability Study – City of Saratoga Springs, Utah,” October 2006, Report to the City of Saratoga Springs, Utah on behalf of CH2M HILL, Inc.


"Agua Fria River Erosion Hazard Assessment – Young’s Farm Property, Yavapai County, Arizona,” May 2006, Report to Monogram Development Services, LLC.


Other Publications

Public Information Series for the Pima County Flood Control District, Tucson, Arizona
- "What is the 100-Year Floodplain?"
- "Developing Your Floodplain Property"
- "How to Obtain a Floodplain Use Permit"
- "Mobile Homes in the Floodplain"
- "The Pima County Flood Control District"
- "The Floods of October, 1983"
Public Information Series for the Arizona Floodplain Management Association & Arizona Department of Water Resources

- Bulletin No. 1: "Permits for Construction and Development"
- Bulletin No. 2: "Determining the 100-Year Flood Elevation"
- Bulletin No. 3: "Regulating Development in the Floodway"
- Bulletin No. 4: "The 100-Year Floodplain"
- Bulletin No. 5: "Elevation and Floodproofing"
- Bulletin No. 6: "Floodplain Regulations For Manufactured Homes"
- Bulletin No. 7: "The National Flood Insurance Program in Arizona"

Public Presentations


Pima County Flood Control District. "HEC-2 Basics" Two training seminar to Pima County Staff. 1989.


Arizona Floodplain Management Association Conference, February, 1992. "HEC-2 Training Seminar - Basic Hydraulics and Model Background"


Arizona Riparian Council, October 1996, “Introduction to Geomorphology - Training Seminar”.


Arizona State Land Department, March 2000, “Floodplain Management and Environmental Assessment From FEMA, State, and Local Agency Perspective.”

Arizona State University Department of Geology, October 2000, “Consulting Practice in Piedmont Processes.”


American Society of Civil Engineers, Younger Member Forum, April 2001, “Flood Hazard Assessment Using Geomorphology.”

Arizona State University Department of Geology, October 2002, “Consulting Practice in Piedmont Processes.”


New Mexico Floodplain Management Association Annual Conference, April 2003, Albuquerque, New Mexico, “Geomorphology for Floodplain Managers.”

Association of State Floodplain Managers – Arid West, November 2004, Mesa, Arizona, “Erosion Hazard Assessment in the Arid West.”

Utah Flood and Storm Water Management Association, November 2005, St. George, Utah, “Predicting Riverine Erosion – Santa Clara and Virgin Rivers, St. George, Utah.”


Association of State Floodplain Managers, June 2006, Albuquerque, New Mexico, “Insights on Application of the FEMA Three-Stage Alluvial Fan Delineation Technique.”


Yavapai County Flood Control District, January 2006, Prescott, Arizona, “Erosion Hazard Assessment.”


**Professional Technical Training Classes Taught by Jonathan Fuller**

- Floodplain Issues in Transportation Design
- State Standard 2-96: Requirement for Floodplain Delineation
- Advanced HEC-RAS Training – Supercritical Floodway Modeling
- Arizona Water Law – Arizona Navigable Streams
- Culvert Hydraulics Design & Review
- Detention/Retention Design & Review
- Encroachment Analysis & Floodway Modeling
- Engineering Assessment of Sand & Gravel Mining Impacts
- Environmental Assessment: Hydrology, Hydraulics & Geomorphology
- Floodplain Analysis for Environmental Assessment
- Floodplain Hydraulics
- Geomorphology for Floodplain Managers
- HEC-1 Modeling Short Course
- High & Dry – A Guide to Floodplain Management for Realtors
- Introduction to Geomorphology
- Introduction to HEC-1/HEC-HMS Modeling
- Introduction to HEC-RAS Hydraulic Modeling
- Introduction to Scour & Erosion