

# CHAD BALLARD, PE, CFM

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<https://www.thehwm.com>

## QUALIFICATIONS

- A licensed civil engineer in multiple states. Professional work included engineering, planning and design projects in water resources, specifically hydrology and hydraulics, specializing in advanced hydraulic and hydrologic modeling, stormwater runoff, drainage and flood mitigation.
- Worked and progressed professionally from a staff engineer, then team technical leader, project manager, team leader, and company-wide practice leader.
- Has taught as an adjunct faculty member, providing instruction to both undergraduate and graduate students in various courses in hydraulics and hydrology.
- Has taught professional continuing education courses in advanced hydraulics to other experienced engineers.
- Active in professional organizations, including the American Society of Civil Engineers (ASCE), Environmental & Water Resources Institute (EWRI), and the National Academy of Forensic Engineers (NAFS), where he has served and is serving in various leadership positions.

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## EDUCATION AND CREDENTIALS

### **Master of Science in Civil and Environmental Engineering (2012)**

*Brigham Young University; Provo, Utah*

### **Bachelor of Science in Civil and Environmental Engineering (2010)**

*Brigham Young University; Provo, Utah*

### **Professional Civil Engineer (PE)**

California	License No. 84382
Colorado	License No. 57489
Texas	License No. 133028
Washington	License No. 23032573
Idaho	License No. 5071360

### **Certified Floodplain Manager - ASFPM (3507-18N)**

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## PROFESSIONAL MEMBERSHIPS

### **American Society of Civil Engineers (ASCE)**

*Associate Member (2012-present)*

*Texas Section Subject Matter Experts Committee Chairman (2023-2024)*

*Texas Section Flood Mitigation Advisory Committee Co-Chairman (2022-2024)*

*Texas Section Honors Committee Chairman (2019-2022)*

### **Environmental & Water Resources Institute (EWRI)**

*Calibration/Validation of Free-Surface Hydraulic Models Committee (2018-Present)*

### **Association of State Floodplain Managers (ASFPM)**

*Associate Member (2018-Present)*

### **National Society of Professional Engineers (NSPE)**

*Associate Member (2024-Present)*

### **National Academy of Forensic Engineers (NAFE)**

*Associate Member (2024-Present)*

### **Texas Regional Flood Planning Group**

*Region 3 - Trinity River Watershed (2021-2025)*

### **FEMA Scientific Resolution Panel**

*Member (2023-Present)*