



## ARIZONA FLOODPLAIN MANAGEMENT ASSOCIATION

FALL 2022 AFMA CONFERENCE

# TRAINING TRACK WORKSHOPS

WEDNESDAY - FRIDAY  
OCTOBER 26TH - 28TH  
8:00A - 5:00P

## WHAT IS THE TRAINING TRACK?

The training track is a specialized track that will allow for an attendee to gain new skills, and attend a multi-day training workshop, while still having access to all of the networking benefits of attending an AFMA Conference. Each of the training sessions has its own price, but the cost fully includes access to the Conference! (So no, you won't have to pay for both). The classic AFMA Conference format has not gone away. But now, there is more to choose from.

### CLASSIC CONFERENCE

Wednesday Classes	Thursday - Friday Conference
Free!	\$350*

OR

### TRAINING TRACK (PICK 1)

Wednesday	Thursday	Friday
FLO-2D Advanced Modeling (\$600)*		
	Green Infrastructure (\$650)*^	
	FEMA Grant Applications (\$750)*^	

\*All options include break times, lunches, and Thursday's Dinner

^These Workshops are Thursday-Friday, you can attend the optional free Wednesday classes

Check the AFMA website and the Conference Program for more information. Have more questions? We have answers, contact Elizabeth.

## WHAT WORKSHOPS ARE BEING OFFERED?

Register your attendance to one of the three Training Track workshops below, just like you register for conference. All workshops are pre-approved for 12 CECs. [Click Here to Register](#). (Conference Registration included in price!)

- **FLO-2D Advanced Channel and Storm Drain Modeling** | (\$600) | Wednesday - Friday
- **Green Infrastructure and Soil Health for Urban and Rural Stormwater Management** | (\$650) | Thursday - Friday
- **FEMA Mitigation and Grant (HMGP and BRIC) Application Writing** | (\$750) | Thursday - Friday

There will still be **several other classes** available for **free for AFMA Members on Wednesday**. See the Conference program for more information.



## TRAINING TRACK DETAILS

Wednesday - Friday,  
October 26th - 28th, 8:00a - 5:00p  
Tempe Mission Palms  
60 E 5th Street, Tempe, Arizona 85281

 [elizabeth.rockwell@maricopa.gov](mailto:elizabeth.rockwell@maricopa.gov)

 [www.azfma.org](http://www.azfma.org)

 <https://www.linkedin.com/company/azfma/>



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# **TRAINING TRACK WORKSHOP DESCRIPTIONS**

## **FLO-2D ADVANCED CHANNEL & STORM DRAIN MODELING**

**Wednesday - Friday | 8:00 AM - 5:00 PM**  
**Jimmy O'Brien, P.E., Ph.D, Karen O'Brien,**  
*FLO-2D Software, Inc.*

Please join us for an advanced flood modeling workshop. We will cover model development and review for 1-D Channels and a complex storm drain network. The focus of this course will be to present advanced modeling methods and effective reviewing techniques for hydraulically correct modeling.

## **GREEN INFRASTRUCTURE & SOIL HEALTH FOR URBAN & RURAL STORMWATER MANAGEMENT**

**Thursday - Friday | 8:00 AM - 5:00 PM**  
**Kieran Sikdar, CFM, WEST Consultants. Inc**

There are many practical purposes for implementing green infrastructure including improved stormwater and wastewater management, enhanced energy efficiency, and improved water, soil, and air quality. Additionally, green infrastructure beautifies landscapes and reduces heat stress in urban environments, creating several long-term benefits at a relatively low cost.

This course will provide a comprehensive overview of green infrastructure terminology, planning and site selection, design best practices, modeling examples, construction, maintenance, and monitoring while providing a number of real-world examples and looking at the barriers and solutions to green infrastructure implementation in your region like communities with combined sewer overflows and constructed wetlands applications for both stormwater and wastewater.

## **FEMA MITIGATION AND GRANT (HMGP AND BRIC) APPLICATION WRITING**

**Thursday - Friday | 8:00 AM - 5:00 PM**  
**Jamelyn Trucks, PMP, CFM, GGM & Ryan**  
**Wiedenman, AICP, CFM, Atkins**

Designed to meet the needs of AFMA's professionals, this course will educate mitigation grant applicants and sub-applicants on preparing quality mitigation grant applications. This course will be tailored for the select mitigation grants project types appropriate to the audience, but many of the principles are applicable to other projects as well. This course will stress application preparation and project development procedures to identify pitfalls and teach participants how to avoid and/or resolve them. Following the course, the audience will understand:

- Critical components of mitigation grant applications including key data necessary for FEMA review;
- Fundamental programmatic information needed for select type HMGP and BRIC projects(e.g., wildfire, drainage, etc.).
- Basic HMGP and BRIC grants management information and basic environmental review information;
- Benefit-Cost Analysis (BCA) principles, data collection, and operation;
- Interactive exercises to put into practice what participants have learned;
- Special session on developing project ideas of the participants so they will leave the training with having already started to develop their grant applications;
- Reference materials and resources available to assist participants.