



# Two Days in the Arid Southwest

**April 26 and 27, 2010**

**Hyatt Regency Phoenix**

122 N Second Street, Phoenix, Arizona

Hosted by:

**Flood Control District of Maricopa County**

**Riverside County Flood Control and Water Conservation District**

**City of Tucson**

**National Association of Flood and Stormwater Management Agencies**

**Federal Emergency Management Agency / DHS**

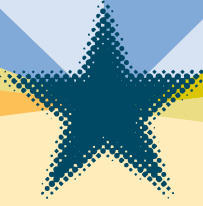
Join us for a few days to learn and apply best practices from experienced flood management staff. **“Two Days in the Arid Southwest”** is designed to provide participants with the opportunity to select your own program. When you register select and rank the top 10 topics you are interested in and we'll provide you a custom schedule.

Subjects include water resource quantity (flood control), quality (stormwater), and general subjects where the sponsoring agencies have found success. Each subject presentation will last 50 minutes, presentations will run concurrently, and individual presentations will be repeated several times. The format is to be interactive and hands-on, conducted in small groups with a focus on what can be taken away and applied within your organization.

A modest registration fee of \$50 will be charged for this meeting to assist with logistics. A travel stipend of \$250 is available to out of town local government participants (one per agency). These checks will be made out to the agency and distributed at meeting. Please complete the attached registration form and return to NAFSMA's national office either by email to [sgilson@nafsma.org](mailto:sgilson@nafsma.org) or fax to **202-530-3389**. Contact Susan Gilson at **202-289-8625** with questions about the meeting.

A limited number of hotel rooms are available at the Hyatt for \$140 per night single occupancy. Please call the Hyatt at **602-252-1234** to make your reservations at mention that you will be attending the NAFSMA meeting.

This meeting is being held in partnership with the Flood Control District of Maricopa County, the Riverside County Flood Control and Water Conservation District, the National Association of Flood and Stormwater Management Agencies, and the Federal Emergency Management Agency as part of a cooperative mentoring agreement NAFSMA has with FEMA's Mitigation Directorate.



# Preliminary Agenda

## ★ Monday, April 26, 2010

- 8:00 a.m.** Registration & Continental Breakfast
- 8:30 a.m.** Welcome
- 9:00 a.m.** Update on FEMA Risk MAP Program
- 9:30 a.m.** Background - Desert Storms, Natural & Developed Environment, Urbanization and Droughts
- 11:00 a.m.** Breakout Sessions
- Noon** Break for Lunch (On Your Own)
- 1:00 p.m.** Breakout Sessions
- 5:00 p.m.** Adjourn

## ★ Tuesday, April 27, 2010

- 8:00 a.m.** Registration & Continental Breakfast
- 8:30 a.m.** Breakout Sessions
- 11:30 a.m.** Break for Lunch (On Your Own)
- 1:00 p.m.** Breakout Sessions
- 4:00 p.m.** Wrapup and Closing Reception  
(Another opportunity to meet and discuss ideas with the subject presenters and others)

# Two Days in the Arid Southwest Registration Form

Please return completed form by **April 12, 2010**

**April 26 and 27, 2010**

Hyatt Regency Phoenix  
122 N Second Street, Phoenix, Arizona

Name

Agency

Title

Address

City

State

Zip Code

Phone

Fax

Email

Registration Fee of \$50 \_\_\_\_\_ Enclosed \_\_\_\_\_ Please call me for credit card information

Please fax **202-530-3389**, email ([sgilson@nafsma.org](mailto:sgilson@nafsma.org)) or mail completed registration form to:



**National Association of Flood and Stormwater  
Management Agencies (NAFSMA),**

1333 H Street, NW, 10th Floor West Tower, Washington, DC 20005  
202-289-8625 Fax: 202-530-3389 [www.nafsma.org](http://www.nafsma.org)

Checks should be made out to **NAFSMA**

Travel stipend requested (out of town registrants – one per public agency)

NAFSMA Tax ID **No. 52-1102917**

# Program

We will open with an overview of flooding in the arid Southwest to include:

Desert Storms, Natural & Developed Environment, Urbanization and Drought

Please Select and Rank Your Top Ten Breakout Subjects from the following:

Please return with registration form.

- |                          |  |                          |   |
|--------------------------|--|--------------------------|---|
| <input type="checkbox"/> | <b>1. Context Sensitive Planning and Design Approaches</b><br>Discusses an approach to identify flood hazard solutions that are acceptable, compatible, and effective for their location, environment, desired amenities, and required level of flood protection   | <input type="checkbox"/> | <b>12. C3 Assessment Process</b><br>Discusses a decision making tool that provides a collaborative, comprehensive, coordinated framework for potentially adversarial, complex, and ambiguous issues while managing individual and organizational behaviors    |
| <input type="checkbox"/> | <b>2. Dam Emergency Action Plans (DEAP)</b><br>Discusses emergency planning necessary for evacuation of the public due to a potential or actual dam breach or spillway discharge   | <input type="checkbox"/> | <b>13. Comprehensive Alluvial Fan Evaluation</b><br>Discusses methods that leverage technology to develop an integrated approach to the unique hazards of alluvial fans applying both geomorphic and engineering methods                                      |
| <input type="checkbox"/> | <b>3. Planning/Design/Construction Partnering</b><br>Discusses building of partnering relationships with stakeholders, consultants, and contractors to draw on the strengths of each partner, resulting in more effective and efficient project performance        | <input type="checkbox"/> | <b>14. Comprehensive Floodplain Management</b><br>Discusses the process of building a comprehensive plan for floodplain management based on past, current and future direction with consensus and stakeholder engagement                                      |
| <input type="checkbox"/> | <b>4. Cradle-to-Grave Project Delivery</b><br>Discusses a project evaluation and delivery method from planning through construction that ensures continuity between project identification and project execution   | <input type="checkbox"/> | <b>15. Integrating Public Participation in Flood Control Projects</b><br>Discusses lessons learned in successful traditional and non-traditional approaches to encouraging public participation in projects   |
| <input type="checkbox"/> | <b>5. Area and Watercourse Master Planning</b><br>Discusses a regional, uniform, and coordinated approach to watershed and watercourse hazard identification and mitigation  | <input type="checkbox"/> | <b>16. Maintenance 404 Permitting</b><br>Discusses approaches to obtaining Corps 404 permits for flood control structures to maintain flood protection performance  |
| <input type="checkbox"/> | <b>6. MS4 Partnering and Outreach</b><br>Discusses the creation and activities of Stormwater Outreach for Regional Municipalities (STORM) to respond to NPDES requirements to educate the public about protecting the quality of stormwater runoff                 | <input type="checkbox"/> | <b>17. Weather Prediction and Flood Warning</b><br>Discusses experiences in developing and operating an extensive flood warning system to alert municipal officials, EM staff, and other public safety agencies of weather, rainfall and stream flow activity |
| <input type="checkbox"/> | <b>7. Web-Based Erosion BMP Tool</b><br>Discusses a Web-based tool that allows the public and private sectors to assess BMP selections for vendors and products  | <input type="checkbox"/> | <b>18. FLO-2D Flood Hazard Modeling</b><br>Discusses successful application and challenges of two-dimensional modeling for flood hazard delineation   |
| <input type="checkbox"/> | <b>8. MS4 BMP for New Development</b><br>Discusses approaches to meet the regulatory requirement of multiple MS4 permits within one community and its inclusion into a public maintenance program  | <input type="checkbox"/> | <b>19. GIS Tools &amp; Applications</b><br>Discusses leveraging of GIS in a flood hazard environment and for public outreach  |
| <input type="checkbox"/> | <b>9. Application of Low Impact Development (LID)</b><br>Discusses low impact development strategies to facilitate the support and implementation of LID BMP by municipalities and developers  | <input type="checkbox"/> | <b>20. Floodplain Compliance and Enforcement</b><br>Discusses an approach for obtaining compliance with floodplain regulations and NFIP requirements through strong enforcement practices   |
| <input type="checkbox"/> | <b>10. Detention-Retention Facility Management</b><br>Discusses a comprehensive approach to municipal oversight of development stormwater retention/detention basin maintenance, compliance and education  | <input type="checkbox"/> | <b>21. CRS Success</b><br>Discusses lessons learned, challenges and experiences of a successful Community Rating System program   |
| <input type="checkbox"/> | <b>11. Commercial Rainwater Harvesting</b><br>Discusses first-ever municipal ordinance for harvesting rainwater implemented as a strategy for supplemental irrigation water for commercial landscaping to decrease the use of potable and reclaimed water supplies | <input type="checkbox"/> | <b>22. Levee Certification</b><br>Discusses challenges and experiences with certifying levee systems with freeboard deficiencies, and levee and floodway encroachment   |
|                          |  | <input type="checkbox"/> | <b>23. Regional Technical Guidance for H&amp;H</b><br>Discusses a regional approach with development of uniform hydrology and hydraulic guidance and standards  |