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WMG Technical Training in Stream Restoration October 6-8, 2011 Course Announcement

Watershed Management Group is accepting applications for the 3-day *Stream Restoration Watershed Technical Training* course to be held Thursday, October 6 through Saturday, October 8, 2011, in Tucson, AZ. Applications will be accepted on a rolling basis through September 1, 2011, with priority given to those who apply before August 1, 2011.

This course is a part of WMG's Watershed Technical Trainings (WTT) program, which provides advanced trainings in green infrastructure, water harvesting, eco-sanitation, and watershed restoration. For program updates and new courses, visit <http://watershedmg.org/tech-trainings>. WMG's goal is to transfer this advanced technical knowledge to professionals, educators, and community activists who will integrate these practices into their work and teach others.

Course Description - Watershed Technical Training in Stream Restoration

Through WMG's Technical Training in Stream Restoration, participants will gain a basic understanding of how desert streams and arroyos function, how they change over time, and the human influence on them, both positive and negative. This hands-on training will include site assessment, design, and implementation of small-scale restoration features. Emphasis will also be placed on urban wash restoration approaches and practices from backyard to larger drainage scales.

This training is open to professionals, educators, and activists from a wide variety of backgrounds who possess basic knowledge of resource and/or landscape management and related concepts. WMG's Water Harvesting Certification course is recommended, though not required, as a prerequisite.

The course curriculum includes:

- Classroom lectures
- Site assessment, surveying, design, and planning sessions
- Hands-on restoration workshops
- Tour of local restoration sites

Registration Deadlines

To be considered for the October 6-8 course, applicants must submit a one-page resume and application form by the following dates:

Registration Category	Fee	Application Deadline
Early Registration	\$400	August 1, 2011
Regular Registration	\$500	September 1, 2011
Early Registration – Alumni Rate*	\$350	August 1, 2011
Regular Registration – Alumni Rate*	\$450	September 1, 2011

*Alumni rates are available to previous participants in WMG’s Water Harvesting Certification Course or Watershed Technical Trainings.

Once accepted into the course, applicants have two weeks to make full payment in order to reserve a spot.

Scholarships

WMG offers scholarships of \$100 to \$150 to help defray the cost of the course. To be considered for a scholarship, please include an explanation of your financial need in your application.

Course Requirements and Qualifications

Application to the Stream Restoration Technical Training is competitive; it is possible WMG may not be able to accommodate all applicants. Preference will be given to professionals in a relevant field who have the ability to apply the knowledge and skills gained in this training in a direct way.

Background knowledge, course work and/or degree, and work experience in natural resource management and/or environmental restoration is recommended as a prerequisite for this course. WMG’s Water Harvesting Certification course may also serve as a prerequisite.

In addition, all applicants are required to commit to the entire three-day training, including all course sessions, readings, and written or design assignments.

Curriculum Details

- 1) Introduction to Stream and Wash Restoration
 - a) Restoring Incised Channels through Induced Meandering
 - b) Introduction to “Reading the Landscape”
 - c) Small-Scale Erosion Control
 - d) Urbanization & Benefits of Urban Water Harvesting
 - e) Stream Restoration in Urban Settings
 - f) Restoration Techniques & Features

- 2) Application and Implementation
 - a) Project Design & Layout
 - b) Reading the Landscape On-Site
 - c) Hands-on Restoration Workshops, including:

- Assessment of recent history of a watercourse
- Basic surveying techniques
- Identification of problems and solutions
- Construction of watershed restoration earthworks

3) Policy & Development

- a) Introduction to Policy & Permitting Impacting Urban & Rural Restoration
- b) Urban Stream Restoration as an Economic & Community Development Tool

Contact

If you have questions about Stream Restoration course or other Watershed Technical Trainings, please contact Tory Syracuse at tsyracuse@watershedmg.org or 520-396-3266. You can learn more about WMG by visiting our website at watershedmg.org or about the Technical Trainings program at <http://watershedmg.org/tech-trainings>.