



Green Infrastructure

U.S. Environmental Protection Agency - Region 6



Green Infrastructure and Low Impact Development 2015 POSTER COMPETITION

The Poster Competition's objective is to learn of, showcase and recognize GI and LID efforts within EPA Region 6.

DEADLINE FOR SUBMISSION OF ABSTRACTS: September 25, 2015
SUBMISSIONS WILL BE CONFIRMED BY October 2, 2015

**NEW
Prize
Awards**



2015
Poster Competition
Sponsor

First Place - Professional

- ▶ One complimentary registration and two nights accommodation for the 2016 EWRI LID Conference or the 2016 EWRI Congress (to be determined by ASCE-EWRI)
- ▶ One complimentary 1-year ASCE-EWRI membership

Second Place - Professional

- ▶ One complimentary registration to the 2016 EWRI LID Conference or 2016 EWRI Congress (to be determined by ASCE-EWRI)

First Place - Student

One complimentary registration to the 2016 EWRI LID Conference or 2016 EWRI Congress (to be determined by ASCE-EWRI)

Abstracts should be submitted via e-mail as an MS Word or PDF file attachment and sent to: **Suzanna Perea**, perea.suzanna@epa.gov

2015

EPA Region 6 Stormwater Conference

October 18-23, 2015



America's First Resort

Conference Information can be found at:
www.epa.gov/region6/water/npdes/sw/ms4/2015conference/

EPA Region 6

2015 Green Infrastructure and Low Impact Development Poster Competition

EPA Region 6 cordially invites all municipal and private practitioners and students implementing Green Infrastructure (GI)/Low Impact Development (LID) projects within Region 6 to participate in its 2nd Annual GI/LID Poster Competition to be held during the 2015 EPA Region 6 Stormwater Conference in Hot Springs, Arkansas. The Poster Competition objectives are to showcase the GI/LID practices within Region 6, irrespective of type, size, complexity or primary purpose, and to educate practitioners on the realistic applications and benefits of GI/LID within this region, regardless of climate, rainfall pattern, soil, etc. Anyone who has implemented, or is in the process of implementing, a GI/LID project is encouraged to participate in this competition.

Green Infrastructure (GI)/Low Impact Development (LID) is a land development (or re-development) approach to manage stormwater as close to its source as possible through natural or engineered practices designed to yield a post-development runoff volume equal to or less than the pre-development runoff volume for an appropriate design storm. GI/LID practices promote infiltration, evaporation, and transpiration through the use of vegetation, soils, natural/engineered processes, as well as storage and reuse, to manage water and create healthier sustainable environments. At the scale of a city or county, practices include the patchwork of natural areas that provides habitat, flood protection, cleaner air, and cleaner water by preserving open space and maintaining natural hydrology to reduce watershed imperviousness. At the scale of a neighborhood or site, practices include stormwater management systems that mimic nature (infiltration, evaporation, and transpiration) and may also conserve (collect, store, and reuse) water.

ELIGIBILITY

- All poster abstracts must be submitted in partnership with the MS4s in which the project is located.
- MS4s, governments, non-profit organizations, students/academia, and private practitioners are eligible and encouraged to participate.
- GI/LID projects within Region 6 that have been **implemented** or are in the **process of implementation** are eligible.
- Poster presenter(s) and/or designated project representative(s) are expected to pay a conference registration fee to attend and participate in this poster competition and the 2015 EPA Region 6 Stormwater Conference. Single day and reduced student conference registration fees are available at <http://www.cityhs.net/584/2015-Region-6-EPA-Stormwater-Conference>.
- All GI/LID projects that have been implemented, or are in the process of being implemented, are encouraged to participate regardless if all evaluation criteria are met.

TYPES OF PROJECTS

- New or innovative designs
- Retrofit or redevelopment projects
- Master plan projects
- Residential
- Commercial
- Industrial
- Transportation
- Institutional
- Water conservation
- Flood mitigation
- Revitalization
- Open space

ABSTRACTS

- No longer than ONE page in length using Times Roman font and a 12 point font size. No graphs or figures should be included.
- Top, bottom and side margins set to 1 inch.
- Title should be in ALL CAPITAL LETTERS.
- Identify name(s) of presenter(s) and collaborative agencies/partners including the partnering MS4 representative. Presenters/collaborative agencies/partners may be from outside Region 6 if the project being presented is within Region 6.
- Include full contact information for each presenter, including affiliations, mailing addresses, telephone numbers, e-mail addresses, and a brief biography.
- Provide a brief project description and location (Region 6 only), indicating whether on private or public property.
- Identify all GI/LID element(s) included in the development of the project.
- Indicate the phase or status of project implementation.
- Describe intended purpose(s) of GI/LID element(s) (i.e., aesthetics, green space, LEED credits, runoff management, pollutant(s) removal, flood mitigation, riparian protection, water conservation, etc.).
- Identify all monitoring parameters included or planned as part of the project, if any.
- Identify the entity tasked with operating and maintaining the GI/LID element(s).
- Individuals may submit multiple posters, provided individual abstracts are submitted for each poster entry. Individuals may present one or more posters to the judges during the competition event.
- Project representative(s) will be allotted five minutes to present to a panel of judges during the competition event.
- Submissions will be confirmed via e-mail no later than October 2, 2015.

Abstracts should be submitted, in an MS Word or PDF file attachment, via e-mail to:
Suzanna M. Perea, perea.suzanna@epa.gov

Submission of Poster Competition Abstracts are due September 25, 2015

POSTER FORMAT

- Poster dimensions: 36 inches wide x 48 inches long, maximum
- Materials: Posters may be mounted on foam or cardboard poster board and displayed on an easel (provided by the conference) no later than 1 hour prior to the event. Participants may mail posters, at their own cost, to:

City of Hot Springs – Stormwater Division

Attn: Jessica Johnson

100 Broadway Terrace

Hot Springs, AR 71901

Mailed posters must arrive by 5pm on Friday, October 15, 2015. No Saturday or Sunday deliveries will be accepted. Participants opting to mail posters are encouraged to use a carrier with tracking.

- Photos, graphic designs or a combination may be used to meet evaluation criteria.

AWARDS AND RECOGNITION

Posters will be judged by a panel of reviewers that may include EPA staff, landscape architects, engineers, public officials, and/or academia. Judges will score posters using the following criteria:

- Originality/uniqueness
- Benefits obtained (identification of design storm used for BMP sizing and environmental/volume benefit calculations, the reduction of total or peak flow and volume, water quality benefits, creation/preservation ecosystem, etc.)
- Cost/benefit analysis
- Integration of triple bottom line (economics/social/environmental)
- Aesthetics of the project
- Poster presentation (color, quality, graphics, photos, content selections, etc.)
- Outreach efforts used to inform and engage the community in the GI/LID solutions implemented
- Display of design elements
- Display of operation and maintenance techniques/strategies

All posters will be recognized at the 2015 EPA Region 6 Stormwater Conference Award Celebration on October 21, 2015, as well as public recognition via EPA's various electronic and social media mechanisms. Thanks to sponsorship of this competition by the Environmental & Water Resources Institute (EWRI), first and second place posters in the professional division will receive the following awards:

First Place (Professional Division)

- 1 complimentary registration and 2-night accommodation to the 2016 EWRI LID Conference or 2016 EWRI Congress (as determined by ASCE-EWRI)*
- 1 complimentary 1-yr ASCE-EWRI membership

Second Place (Professional Division)

- 1 complimentary registration to the 2016 EWRI LID Conference or 2016 EWRI Congress (as determined by ASCE-EWRI)*

Subject to the number of student entries, availability of funds and the nature and quality of the posters presented, the first place poster in the student division will receive:

- 1 complimentary registration to the 2016 EWRI LID Conference or 2016 EWRI Congress (as determined by ASCE-EWRI)*

* The opportunity to present at the 2016 EWRI LID Conference or 2016 EWRI Congress, as determined by ASCE-EWRI, will be on the basis of the review committee's acceptance of an abstract submittal.