

 **Extended
Abstract
Deadline**



EPA Region 6 Outstanding Green Infrastructure and Low Impact Development Project Competition

Competition Rules

EPA Region 6 invites all municipal and private practitioners and students implementing Green Infrastructure (GI)/ Low Impact Development (LID) projects within Region 6 to participate in its third Annual GI/LID Project Competition to be held during the 2016 EPA Region 6 Stormwater Conference in Oklahoma City, Oklahoma, October 2-6, 2016.

Presented by



Competition Rules



What is GI/LID?

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. These are 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.

Eligible Competition Categories

MS4s, government agencies, non-profit organizations, students/academia, and private practitioners (engineers, planners, developers, landscape architects, etc.) are encouraged to compete in the professional or student competition categories, as applicable.

Eligible Project Types

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



1. Submit a project abstract (one per project entry) in MS Word or PDF format, via email no later than **September 19, 2016**, to **Nichole Young** at **young.nichole@epa.gov**.

Project abstracts shall include:

- A brief project description and location (Region 6 only), indicating whether on private or public property in 300 words or less. No graphs or figures should be included.
- Identify all GI/LID element(s) included in the development of the project.
- 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.).
- Indicate the phase or status of project implementation.
- 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).
- Identify name(s) of presenter(s) and collaborative agencies/partners, if any. Presenters, collaborative agencies, and/or partners may be from outside EPA 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.

Note: Individuals may submit multiple posters, provided individual abstracts are submitted for each project entry. Individuals may present one or more posters to the judges during the competition event.

2. Participants will be notified of abstract approval, via e-mail, no later than **September 21, 2016**.
3. Project presenter(s) and/or designated project representative(s) are expected to attend and present their project to the judge's panel during the competition event on October 5, 2016. Presenters are expected to pay a conference registration fee to attend and participate in this competition, and the 2016 EPA Region 6 Stormwater Conference. Reduced conference registration fees for participants solely attending the competition are available at the conference registration site:

https://moneyconnect.tamuk.edu/C20209_ustores/web/store_main.jsp?STOREID=200

Poster Project Format

- Both, a printed project poster and an electronic version (ppt, pdf, etc.) for projection of the project poster during the judging event, are required to participate.
- Printed poster dimensions: 36 inches wide x 48 inches long, maximum
- Photos, graphic designs or a combination may be used to meet judging criteria.
- Materials: Project posters may be mounted on cardboard or foam poster board and displayed on easels (provided by the conference) October 2-6, 2016. Participants may mail posters, at their own cost, to:

City of Oklahoma City - Stormwater Quality Division
Attn: Raymond Melton
420 W Main, Suite 360
Oklahoma City, OK, 73102

Mailed posters must arrive by 5pm CT on September 30, 2016. No Saturday or Sunday deliveries will be accepted. Participants opting to mail posters are encouraged to use a carrier with tracking.

Judging Criteria and Event

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Project posters will be judged by a panel of reviewers that may include EPA staff, landscape architects, engineers, public officials, and/or academia. Project representative(s) will be allotted five minutes to present, utilizing projection of the electronic project poster, to the judge's panel during the competition judging event from 8:30-10:30am CT on October 5, 2016. 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 (content quality, graphics, verbal skills, color, photos, etc.)
- Outreach efforts used to inform and engage the community in the GI/LID practices implemented
- Display of GI/LID design elements
- Display of operation and maintenance techniques/strategies

Awards and Recognition

Awards will be presented during the 2016 EPA Stormwater Conference, Keynote Speaker Luncheon, on October 5, 2016, immediately following the event, in the Sheraton Oklahoma City Downtown Hotel Grand Ballroom.

All project posters will also be recognized at the 2016 EPA Region 6 Stormwater Conference Award Celebration at 5 pm CT on October 5, 2016, as well as public recognition via EPA's various electronic and social media mechanisms. Attendance at the evening award celebration is voluntary.

Thanks to sponsorship of this competition by the **ASCE Environmental & Water Resources Institute (EWRI)**, first and second place project posters in the professional division will receive the following awards:

First Place: (Professional Division): 1 complimentary full registration to the 2017 EWRI Congress*

Second Place: (Professional Division): 1 complimentary daily registration to the 2017 EWRI Congress*

Student Award: Subject to the number of student entries, availability of funds and the nature and quality of the posters presented, the first place project poster in the student division will receive: 1 complimentary student registration to the 2017 EWRI Congress*

* The opportunity to present at the 2017 EWRI Congress will be on the basis of the review committee's acceptance of an abstract submittal. The ASCE-EWRI Congress will be held in Sacramento, California, May 21- 25, 2017 at the Sacramento Convention Center.

For additional information or questions contact young.nichole@epa.gov

Presented by:



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Green Infrastructure



U.S. Environmental Protection Agency - Region 6