

# Stormwater Modeling

0.5 bonus points available

## Rationale

This credit recognizes institutions that exceed the criteria outlined in the *Rainwater Management* credit by assessing the impact of green infrastructure and LID practices on stormwater runoff.

## Criteria

Institution uses stormwater modeling to assess the impact of low impact development (LID) practices and green infrastructure on campus, as measured by the percentile local or regional rainfall events for which the institution manages runoff on-site using LID practices and green infrastructure.

To calculate the impact of green infrastructure, institutions may use the [Green Infrastructure Modeling Toolkit](#) (U.S. EPA), The Center for Neighborhood Technology's [Green Values Calculator](#), or an equivalent stormwater modeling methodology, tool, or calculator.

## Scoring

An institution earns 0.5 bonus points for managing on-site the runoff for the 90th percentile of regional or local rainfall events using LID practices and green infrastructure. Partial points are available. An institution that manages on-site the runoff for at least the 75th percentile of regional or local rainfall events using LID practices and green infrastructure earns 0.25 points.

## Reporting Fields

### Required

- ☐ A brief description of the methodology/tool used to calculate the percentile local or regional rainfall events for which the institution manages runoff on-site using LID practices and green infrastructure
- ☐ Percentile of local or regional rainfall events for which the institution manages runoff on-site using LID practices and green infrastructure (95th, 90th, 85th, 80th, 75th, Less than 75th)

### Optional

- ☐ Website URL where information about the stormwater modeling is available
- ☐ Additional documentation to support the submission (upload)
- ☐ Data source(s) and notes about the submission
- ☐ Contact information for a responsible party (an employee who can respond to questions regarding the data once it is submitted and available to the public)