Green stormwater infrastructure (GSI) has been found to be more affordable than traditional grey infrastructure in many instances across the country, especially when considered at the outset of a project. With some of the highest water and sewer rates nationally, there’s a partially strong incentive for developers in Atlanta to invest in reuse to offset operations and maintenance costs.

**Stormwater Master Plan at Georgia Institute of Technology (Atlanta, Georgia)**

- Stormwater Master Plan covers 180 acres, aiming for 1.2” runoff reduction when 1.0” is required
- Estimated cost is $2 million less than simple compliance
- Received the National Recognition Award from American Council of Engineering Companies

**Rainwater Harvesting at Grand Hyatt Atlanta (Buckhead, Georgia)**

- Initial $100,000 investment had an anticipated return on investment (ROI) of 3.84 years
- Project expanded in 2013, with a new ROI of 2.36 years and an annual savings of $42,331
- Received national recognition and was featured in five industry publications

**Hypothetical Rainwater Harvesting at Aspen Heights Development (Atlanta, Georgia)**

- Earth Economics analyzed GSU’s Aspen Heights development and found potential for significant savings
- A $550,000 investment and $35,000 in maintenance would provide $70,000 in savings annually
- ROI of less than 11 years

**NCR World Headquarters (Atlanta, GA)**

- A $420,000 system (<0.5% of project) provides $140,000 annual savings in water and sewer costs, a 3-year ROI
- Rainwater and groundwater are recycled to supply cooling tower, toilets, and irrigation, up to 20,000 gal/day
- 35-60% expected reduction in water use building-wide

*A rainwater harvesting system at the GSU Baseball Field would establish GSU as a leader and a good neighbor in the watershed, potentially save $100,000+ annually in water bills, and help reduce flooding in downstream communities.*

For more information: [www.americanrivers.org/greeninfrastructure](http://www.americanrivers.org/greeninfrastructure)