

# Stormwater and green infrastructure basics online course

This is an introductory course, designed to help get you up to speed on this issue. No prior knowledge is required for this course.

You'll learn:

- What happens to rain when it falls on cities, and how it impacts our water
- The traditional approach to stormwater management
- The green infrastructure approach, its benefits and its challenges.

You'll also work to investigate what's happening with stormwater management in your own community, and generate ideas for how to improve things. Estimated time per week: 30-60 minutes.

	Course content	Activities
Week 1	<ul style="list-style-type: none"> <li>• The natural and urban water cycles</li> <li>• Stormwater runoff pollution and its impacts</li> </ul>	Investigating water issues in your community.
Week 2	<ul style="list-style-type: none"> <li>• Traditional stormwater management                             <ul style="list-style-type: none"> <li>○ Combined and separated sewers</li> <li>○ Stormwater pipes and ponds</li> </ul> </li> </ul>	Investigating your community's stormwater practices
Week 3	<ul style="list-style-type: none"> <li>• Green infrastructure basics                             <ul style="list-style-type: none"> <li>○ Principles of green infrastructure</li> <li>○ Types of practices</li> </ul> </li> </ul>	Green infrastructure – in policy and on the ground in your community.
Week 4	<ul style="list-style-type: none"> <li>• Green infrastructure benefits and challenges</li> </ul>	Identifying green infrastructure opportunities in your community. Course evaluation.

Content for this course was developed by Green Communities Canada with support from the Our Living Waters Network. Green Communities Canada and the Canadian Freshwater Alliance are collaborating on projects to advance transformative green infrastructure in Canadian communities.

