



Green Infrastructure Partnership

The Green Infrastructure Partnership is pleased to announce that it is collaborating with the Greater Vancouver Regional District, two member municipalities and UniverCity to present....

Showcasing Green Infrastructure Innovation In Greater Vancouver: The 2007 Series

How land is developed determines how water is used, and how water runs off the land

WHY:	<p>The purpose of the <i>Showcasing Innovation Series</i> is to celebrate... and build on...the on-the-ground successes that are enhancing the ways communities are being developed and water is being managed.</p> <p>The goal is to promote networking, build regional capacity, and move 'from awareness to action' --- through sharing of approaches, tools, experiences and lessons learned.</p>						
WHAT:	<p>Green infrastructure is associated with the management of water that runs off the land and how water runoff impacts on the <i>sustainability of both terrestrial and aquatic habitat and resources</i>.</p> <p>Green infrastructure is also associated with how water is used and how water use impacts on the <i>sustainability of water supply</i>.</p>						
WHEN & WHERE:	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Friday, September 21, 2007</td> <td style="width: 50%;">Corporation of Delta</td> </tr> <tr> <td>Friday, October 5, 2007</td> <td>Township of Langley</td> </tr> <tr> <td>Friday, October 19, 2007</td> <td>UniverCity on Burnaby Mountain</td> </tr> </table> <p style="color: #A52A2A;">Each event comprises presentations in the morning and a tour of project sites in the afternoon</p>	Friday, September 21, 2007	Corporation of Delta	Friday, October 5, 2007	Township of Langley	Friday, October 19, 2007	UniverCity on Burnaby Mountain
Friday, September 21, 2007	Corporation of Delta						
Friday, October 5, 2007	Township of Langley						
Friday, October 19, 2007	UniverCity on Burnaby Mountain						
WHO:	<p>The Series will be of interest to Engineering, Planning, Public Works, Development Services, Parks and Environment Departments in Regional Districts and Municipalities</p>						
For more information:	<p>Kim Stephens, PEng, Program Coordinator, Water Sustainability Action Plan for BC sustainabilitycoordinator@shaw.ca OR www.greeninfrastructure.ca</p>						

Showcasing Green Infrastructure Innovation In Greater Vancouver: The 2007 Series

Showcasing Innovation in Delta: 'Greener Developments, Roadside Rainwater Management, and the Urban Forest'

The Corporation of Delta will showcase how progress towards sustainability on-the-ground is being made incrementally through small steps. Changes in standard municipal practices that are being implemented today will ripple through time and result in cumulative benefits.

Moving 'green infrastructure' from awareness to action requires a way to measure progress. The 100-acre Delsom Estates residential community illustrates how the *Sustainable Template for Development* has been applied through a collaborative process to achieve a 'design with nature' outcome.

About 1/3 of the urban landscape is typically covered by road rights-of-way. This creates opportunities to capture rain where it falls and restore it to natural hydrologic pathways. Delta is implementing landscape-based solutions to rainwater management; and is planting an urban forest to mitigate climate change.

Showcasing Innovation in Langley Township: 'Harmony and Integration'

The Township of Langley will showcase what can be accomplished with large-scale projects when Council, the community and staff are in alignment and embrace a 'green culture'. Resource protection – for groundwater supply and fisheries habitat – is the driver for implementing 'green infrastructure'.

Three new neighbourhood communities illustrate how a 'water-centric' approach is changing the way that land is developed. Each development has built on the experience of the last in raising the bar for the next.

Featured projects will be the Routley, Yorkson and Northeast Gordon Estates neighbourhoods. *Routley* is defined by a multi-purpose greenway and shallow infiltration systems on individual residential properties. *Yorkson* has a 'third-pipe system' for roof drainage; as well, it has a sand filtration treatment system plus deep-well injection for aquifer recharge. *Northeast Gordon Estates* is distinguished by its 'green streets'.

Showcasing Innovation on Burnaby Mountain: 'A Partnership in Action: from Vision to Implementation'

UniverCity on Burnaby Mountain will showcase the fruits of its partnership with the City of Burnaby – first, in developing a shared vision of what a 'sustainable community' on top of a mountain would look like; and then, in taking that vision from concept to reality.

In 2000, translating high expectations for *UniverCity* into practical design guidelines meant revisiting accepted drainage engineering practice. The precedent-setting plan for rainwater management and watercourse enhancement set in motion a chain of outcomes that has resulted in British Columbia being recognized internationally as a leader in achieving 'design with nature' outcomes in an urban environment.

The *UniverCity* experience became the heart of *Stormwater Planning: A Guidebook for British Columbia*. This then triggered development of the *Water Balance Model*, which in turn led to formation of the Green Infrastructure Partnership.

UniverCity on Burnaby Mountain is a pioneer application in North America of 'adaptive management' in a local government setting. The goal of adaptive management is to learn by doing and constantly improve.