

Low Impact Development Strategies are designed to keep rainwater out of the pipes and get it back into the ground where it falls. There are numerous methods that can be implemented in order to achieve this, including: integrated stormwater management plans, roof downspout disconnection, terraced landscaping, rain gardens, infiltration trenches and pits, runoff dispersal and permeable pavements.

The replacement of vegetation and soils in our urban areas by pavement and buildings means that less water infiltrates into the ground, creating more surface runoff that must be returned to watercourses through the pipes of stormwater systems. The water that flows from these pipes in urban areas moves much faster and at a higher volume than it would naturally, causing erosion, flooding, loss of aquatic habitat and poor water quality. Low Impact Development strategies help to counteract these effects.

The following groups are a small representation of those who would benefit from this conference: planners, contractors, engineers, developers, municipal staff, students and NGO's. Everyone with an interest in sustainable building techniques is encouraged to attend!

References: Burke Mountain Manual.
Wesbild Holdings Limited. 2004.



Douglas College

INSTITUTE OF URBAN ECOLOGY

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**VANCOUVER
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Let It Rain

A Conference on Managing Rainwater Runoff with Low Impact Development Methods



A new rain garden at Westwood Plateau

March 18, 2005
Douglas College
Institute of Urban Ecology
Room 2201

Program

- 8:45 Introduction
- 9:00 Session A *A Natural Systems Approach to Rainwater Management at Burke Mountain.* Presented by Don Moore, Wesbild Holding
- 9:30 Session B *The Water Balance Model: A Tool for 'Designing with Nature.'* Presented by Kim Stephens, Inter-Governmental Partnership
- 10:00 Session C *Hyde Creek Watershed Integrated Stormwater Management Plan.* Presented by Dana Soong, City of Coquitlam
- 10:30 Refreshment Break
- 11:00 Session D *Rain Gardens – A Source Control Method.* Presented by Don Moore, Wesbild Holdings
- 11:30 Session E *Country Lanes Project.* Presented by David Yurkovich and Dave Desrocher, City of Vancouver, Streets Engineering
- 12:00 Session F *East Clayton Development: Lessons Learned.* Presented by Dave Hislop, City of Surrey, Engineering Department
- 12:30 Lunch (provided)
- 1:30 Session G *Protecting Water Resources with Low Impact Development.* Presented by Hans Schrier, (or Julia Bryden), Institute for Resources and the Environment, UBC
- 2:00 Session H *Leadership in Energy and Environmental Design.* Presented by Craig Shishido, GVRD
- 2:30 Session I *Silver Ridge Development, Maple Ridge.* Presented by Chris Johnston, Kerwood Leidal Associates Ltd.
- 3:00 Session J *GVRD Low Impact Development Manual.* Presented by Ed von Euw, Senior Engineer, GVRD
- 3:30 Closing remarks

Participant Registration Form

The registration fee is \$30/person with a student and NGO rate of \$10/person. The registration fee may be paid in advance by cheque, or may be paid in person on the day of the conference by cheque or cash. If paying by cheque please make it out to 'Institute of Urban Ecology.' If you prefer, we can also invoice you for the registration fee after the conference.

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Or by fax:
(604)527-5095
Attention: Institute of Urban Ecology
Tracy Vleeming
**Please be sure to mark your fax 'Attn: Institute of Urban Ecology' or we won't receive it!

Name: _____

Company or Organization: _____

Mailing Address: _____

Phone Number: _____

Email: _____

For more info contact Tracy at (604)527-5522