



Bioretention (Rain Garden) Technical Workshop: Enhancing Design for Stormwater Management Christchurch Friday 17 Feb 2012

Spaces are limited to 50 delegates: Registration is essential!

This “how-to” workshop covers enhancing design of bioretention (rain gardens) to achieve multiple objectives for managing stormwater quality and quantity.

WE WILL COVER

- Basic introduction to rain gardens
- Rain gardens – the ChCh experience to date
- Low Impact Design – meeting hydrologic goals
- Brief Research Summary – what do we know or have yet to figure out?
- Construction Tips
- Fill media specifications
- Internal Water Storage Design
- Geotechnical considerations
- Plants
- Installation Issues: Are practices going in right?
- Maintenance

WHO SHOULD ATTEND

- Designers (Engineers, Landscape Architects, Architects)
- Stormwater Program Consent Reviewers and Administrators

Date Friday 17 February 2012

Time 9.00 am to 4.30 pm
Morning tea, lunch and afternoon tea provided

Venue College of Engineering, University of Canterbury, Creyke, Rd., Room E10.
maps.canterbury.ac.nz/home/browse/1470

Fee \$160 (GST included)

Registration see attached form (page 2)

PRESENTERS

William Hunt, Ph.D., PE,
North Carolina State
University

Robyn Simcock, Ph.D.
Landcare Research NZ

Peter Wehrmann REA
Water Environmental Engineer
(Representing CCC)

William Lord,
North Carolina State
University

Elizabeth Fassman, Ph.D.
University of Auckland
Dept. of Civil and
Environmental Engineering

Bill Hunt is an internationally recognized expert in bioretention research. Together with Bill Lord, they run an industry training programme and an extensive bioretention research programme (<http://www.bae.ncsu.edu/topic/bioretention/>) in North Carolina, USA.

Elizabeth Fassman and Robyn Simcock have been working with Auckland Council to monitor performance of Auckland’s rain gardens, and develop guidance for fill media specifications with locally available materials and New Zealand native plants.

Any Questions please email: e.fassman@auckland.ac.nz

Recommended Parking: Fine Arts Car park
www.fm.canterbury.ac.nz/parking/maps/Pay%20and%20Display.pdf

Taking the bus? The bus stops are: www.fm.canterbury.ac.nz/parking/maps/Bus%20Stops.pdf

Your hosts and sponsors:



Bioretention (Rain Garden) Workshop Registration Form

Please register me for the Bioretention Workshop in CHRISTCHURCH, Friday 17 Feb 2012

Name

Organisation

Address

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Telephone Number

E-mail

Registration Fee: \$160.00 including GST

This is a tax invoice when paid

Payment can be made by

- Cheque which must accompany this form. Please send to Lisa Mould, Landcare Research, PO Box 40, Lincoln 7640

Or

Direct Credit to the following account 06-0851-0069567-00

Please use the following reference details: SURNAME RGWKSP CHCH

Please complete, scan and e-mail the form to mouldl@landcareresearch.co.nz

GST number 59-585-991