# Outreach and Continuing Education Program
## Water Balance Model Training Workshop
### Held at the University of British Columbia Okanagan

| TIME | OBJECTIVE | 1 - WHAT DO YOU KNOW? | 2 - WHAT DO YOU WONDER? | 3 - WHAT HAVE YOU LEARNED? | SUMMARY |
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| 0845 – 0900 | Set the stage for the workshop, with emphasis on how we will achieve the four learning outcomes | | | | |
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| SESSION A – WHY THE WATER BALANCE MODEL (CHANGING WATER MANAGEMENT PRACTICES AT THE SITE LEVEL) | | | | | |
| 0900 - 1015 | Participants will be able to: Identify and express why we need to change the way we develop land and manage water at the site level | Our objective is to: Assess what the group understanding is by asking: *What does 'design with nature' mean to you?* | Participants will be led through a discussion of the *'design with nature'* approach that underpins the Guidebook, and will be introduced to the Water Balance Model and its purpose | Participants will be asked: Why should we change the way we develop land? | |
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| SESSION B – HOW TO USE THE WATER BALANCE MODEL (SIMULATING THE RAINFALL – RUNOFF PROCESS) | | | | | |
| 1030- 1215 | Participants will be able to: Use the WBM effectively to enter input data and generate outputs | Our objective is to: Judge the extent to which participants are confident and comfortable with using a web-based tool | Participants will be walked through the functions and capabilities of the WBM by following the trainers in reproducing a 'working example' application for a single residential lot | Participants will be asked: Are you all getting the same output for the 'working example'? | Review what has been accomplished and set the scene for source control simulation in Session C and scenario modeling in Session D |
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| SESSION C – APPLICATION OF SOURCE CONTROLS (ACHIEVING PERFORMANCE TARGETS FOR RUNOFF REDUCTION) | | | | | |
| 1300 - 1415 | Participants will be able to: Understand the capabilities of the WBM to evaluate rainwater source controls and how to achieve performance targets for volume reduction and rate control. | Our objective is to: Assess what the group understanding is by asking: W*hat is your experience in designing and/or installing 'rainfall capture systems' at the site scale*? | Participants will be led through a demonstration of the WBM applications that are illustrated on the set of posters developed by the GVRD to accompany the *Stormwater Source Control Design Guidelines 2005* | Participants will be asked: Do you understand how to simulate rainfall capture and runoff control using the WBM? | Bridge to Session D where the focus will be on the decisions that achieve the 10% target |
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| SESSION D – APPLICATION OF SCENARIO MODELING (MAKING BETTER DECISIONS) | | | | | |
| 1415 – 1615 | Participants will be able to: Apply judgement in using the WBM effectively to produce practical and achievable solutions in real-life situations. | Our objective is to: Provide participants with a case study application that promotes learning in a real-life context | Participants will work in teams to apply source controls to an actual project. The focus will be on the choices for achieving the 10% target. | Participants will be asked: How do you envision using the WBM in your job? | Confirm what has been done and summarize what is possible in applying the WBM |
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| 1615 | Capture feedback on the experience gained. Complete the Workshop Evaluation Form | | | | |