

HYDROECOLOGICAL LANDSCAPES AND PROCESSES

HELP workshop 2006

"Expert Workshop on Watershed Characterization Schemes" for Canada's forests"

November 9—11, The University of Western Ontario, London, Ontario

PURPOSE

The foundation of the HELP project is the development of a watershed classification system that can be used to identify the dominant hydrological processes (e.g., land-atmosphere or land-aquatic) and the potential susceptibility of these hydrological processes to forest management activities.

This workshop is geared to identify relevant watershed classification systems in the Canadian forestry context and identify keystone hydroclimatic / hydrogeomorphic / hydroecological (HC/HG/HE) processes within the classification schemes that are potentially susceptible to forest management activities.

SPECIFIC OBJECTIVES

- (1) **PRESENT** different watershed classification schemes relevant for Canada's forests;
- (2) **IDENTIFY** keystone hydroclimatic / hydrogeomorphic / hydroecological (HC/HG/HE) processes within the classification schemes;
- (3) **IDENTIFY** HC/HG/HE processes that are potentially susceptible to forest management activities;
- (4) **CONSIDER** how HC/HG/HE processes scale from headwaters to drainage basins;
- (5) from 1-4, **IDENTIFY** the constitutive elements of a classification scheme that can be applied across the range of hydrologic conditions encountered in Canada's various forest landscapes.



FOR MORE INFORMATION

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PROGRAM

09 November 2006: Thursday

18:00—22:00 Dinner @ Grad Club

10 November 2006: Friday (@ Windermere Manor)

08:30—09:00 Breakfast

09:00—09:10 Introductions: **Dr. Jim Buttle**

09:10—10:00 Plenary speakers:

Dr. Paul Barten:

"Forest hydrology, forest management and the need for watershed classification"

Dr. Thorsten Wagener:

"Catchment classification and hydrologic similarity"

Dr. Jim Buttle:

"A review of classification systems developed for Canadian landscapes"

10:00—10:15 Coffee Break

10:15—12:00 Group Session:

Review of existing watershed classification systems:
A discussion about data needs/data gaps facing this kind of national-level watershed classification scheme

12:00—13:00 Lunch @ Windermere Manor

13:00—15:00 Breakout Session:

"Thought" experiments on effects of forest management activities on watersheds representing different classes within our national classification system

15:00—15:15 Coffee Break

15:15—17:00 Breakout Session:

Group presentations on results of their thought experiments

17:00—18:00 Health Break

18:00—20:00 Dinner @ Windermere Manor

11 November 2006: Saturday (@ Windermere Manor)

08:30—09:00 Breakfast

09:00—10:00 Group Session:

Margaret Donnelly:

"Translating science into usable products"

10:00—10:15 Coffee Break

10:15—12:00 Group Session:

Partners' perspectives and experiences: What HELP "products" would be most helpful to them?

12:00—13:00 Lunch @ Windermere Manor

13:00—14:00 Group Session:

HELP databases: Data sharing agreements

14:00—15:00 Group Session: Next Steps

HELP workshop 2006, London, Ontario

ACCOMMODATION

On-campus:

Windermere Manor: (\$104-\$114/night)
1-800-997-4477
(Ask for university rate under HELP project)
200 Collip Circle

Off-campus:

Station Park All Suites (\$120/night)
1-800-561-4574
(Ask for university rate under HELP project)
242 Pall Mall Street

Creed's B&B (Priceless)



GETTING THERE

From Toronto Airport:

Shuttle:

Robert Q shuttle bus to
London (~\$100 return; call
1-800-265-4948)

Driving:

Take Hwy. 401 to London, (Exit
@ Wellington Rd. North, Wel-
lington to Pall Mall (left), Pall
Mall to Richmond (right), Rich-
mond to University Gates (left).

From London Airport:

There are no shuttle-buses con-
necting London airport to the
city. From airport take Checker
limousine to campus or hotel:
approx. \$25 (one way).

In case you're lost, contact:

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or

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