

# Workshop on Landslide Hazards and Risk Management in Canada

## State-of-knowledge and Challenges

### *Information Bulletin #2*

#### **The Workshop**

The Earth Sciences Sector of Natural Resources Canada is hosting an invitational workshop on Landslide Hazards and Risk Management in Canada. This workshop is a opportunity for engineers, academics, scientists, practitioners, planners, insurers, and other interested parties with landslide concerns to meet and share the best global information available with respect to the following themes: landslide processes and mechanisms, mapping and hazard characterization, and mitigation and risk management. The overall goal is to increase our capabilities to improve the public safety of the population of Canada.

#### **The Venue**

The venue for the workshop will be the Holiday Inn Plaza la Chaudière in Hull, Québec. The Holiday Inn is situated along the north shore of the Ottawa River with a spectacular view of Parliament Hill, and within five minutes drive from downtown Ottawa. The Holiday Inn is a fifteen minute taxi ride from the International Ottawa Airport, Regional Gatineau Airport and the Ottawa Train Station. Bus companies also serve Ottawa from all main cities in Eastern Canada. For more information on the hotel, please visit the following web site:

<http://www.rosdevhotels.com/en/hull/home.htm>.

There is no registration fee for the workshop and breakfast, lunch and accommodation will be covered by the organizing committee. Participants are asked to cover their own travel costs. A block of rooms is already booked for the workshop participants. You do not need to make any hotel reservation, the organizing committee will make the reservation for you. We only need your arrival and departure dates and time. Please provide this information by emailing to Dr. Réjean Couture at [rcouture@nrcan.gc.ca](mailto:rcouture@nrcan.gc.ca) **before October 25, 2001**. Please note that the organizing committee of the workshop is only responsible for cost of the room. Participants are responsible for their own incidentals, room bar, phone calls charged to the room, etc.

## Technical Programme

The emphasis of the technical programme of the workshop is on discussions amongst the participants. Three major themes will be discussed during this three-day workshop: 1-Landslide processes and mechanisms, 2-Landslide mapping and hazard characterisation; and 3-Landslide risk and mitigation. Six series of discussion group periods of 1 1/2 hours each are scheduled during these three days. Breakout groups will be split to reflect the thematic and regional priorities associated with these three main themes. The specific topics remain to be finalized, but will be available before the workshop.

Discussions within each breakout group will be entertained by a chairman and compiled and reported by a rapporteur. At the end of each day, plenary sessions will offer a forum to present the results of discussions in each breakout group and to discuss the potential recommendations. Participants are also invited to prepare 1 page handouts which can be distributed in breakout group sessions to initiate discussions. In each room used by breakout groups, an overhead projector, hardback easel, flipchart pad and markers will be provided.

Papers are not requested nor will proceedings be published. However, a workshop report summarising the discussions and potential recommendations will be prepared and published as a GSC Open File report and through the web by March 2002. Recommendations will be addressed to concerned provincial and federal agencies, as well as any other group of stakeholders interested by landslide hazards and risk in Canada. A provisional technical programme can be viewed on the Workshop web page (see internet address at the end).

## Keynote speakers

Italy, France and USA are probably the most advanced countries in terms of landslide hazard and risk studies. Three foreign keynote speakers, **Drs. F. Guzzetti, J.-L. Durville, and J.S. Pallister**, will share their experiences, challenges, and successes in building their national landslide hazard programs.

Two Canadian keynote speakers, **Dr. Oldrich Hungr** (University of British Columbia) and **Dr. Denis Demers** (Ministère des Transports du Québec) will present the problems associated with landslide hazards in the two most landslide-prone regions: the Canadian Cordillera and the St. Lawrence Lowlands.

In addition, **Mr. Paul Kovacs** from the Insurance Bureau of Canada will present the Canadian insurers' point of view on landslide risk in Canada. Mr. Kovacs' presentation will be given at the luncheon talk on Saturday, Nov. 17, 2001.

Dr. John S. Pallister	Coordinator	Landslide and volcano Hazards Program	USGS, USA
Dr. F. Guzzetti	Researcher	Istituto di Ricerca per la Protezione Idrogeologica nell'Italia Centrale	National Research Council, Italy
Dr. J.-L. Durville	Director	Soil & Rock Mechanics and Engineering Geology Division	LCPC, France
P. Kovacs	Senior Vice-President	Institute for Catastrophic Loss Reduction	Insurance Bureau of Canada
Dr. O. Hungr	Associate Professor	Dept. of Earth & Ocean Sciences	U. of British Columbia
Dr. D. Demers	Engineer	Service de la géotechnique et de la géologie	Ministère des Transports du Québec

### Field trip

The organising committee also plans a short field trip to visit recent landslides and pre-historical seismic-induced landslides in the Ottawa region. This field trip will take place on Sunday afternoon, November 18, 2001. We will meet in the lobby of the hotel at 1:30 pm. Warm rain gear and boots are recommended. Please confirm your participation by return email to R. Couture at [rcouture@nrcan.gc.ca](mailto:rcouture@nrcan.gc.ca) before **October 25, 2001**.

### Language

The official languages of the workshop are French and English. Simultaneous translation in both English and French will be provided for the keynote address talks and during discussion in plenary sessions. No translation services will be offered during breakout groups.

### Web site:

All information regarding the workshop, including the technical programme, can be found at the following web site address:

**<http://sts.gsc.nrcan.gc.ca/landslides/workshop/home.asp>**

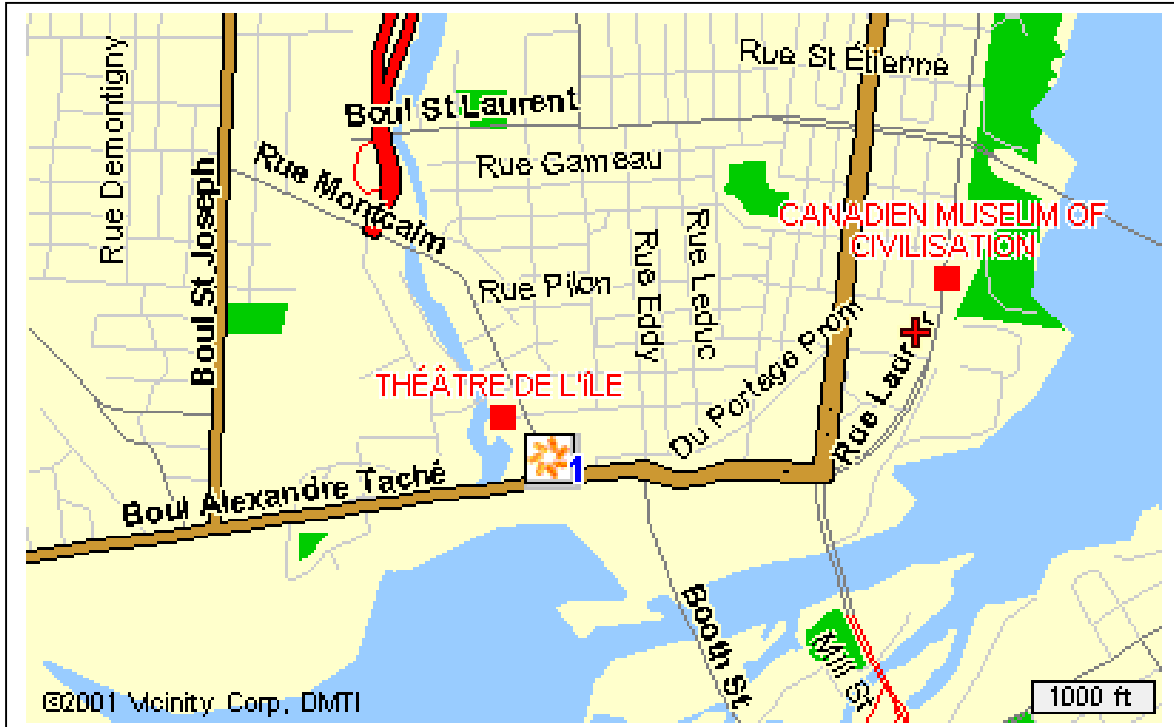
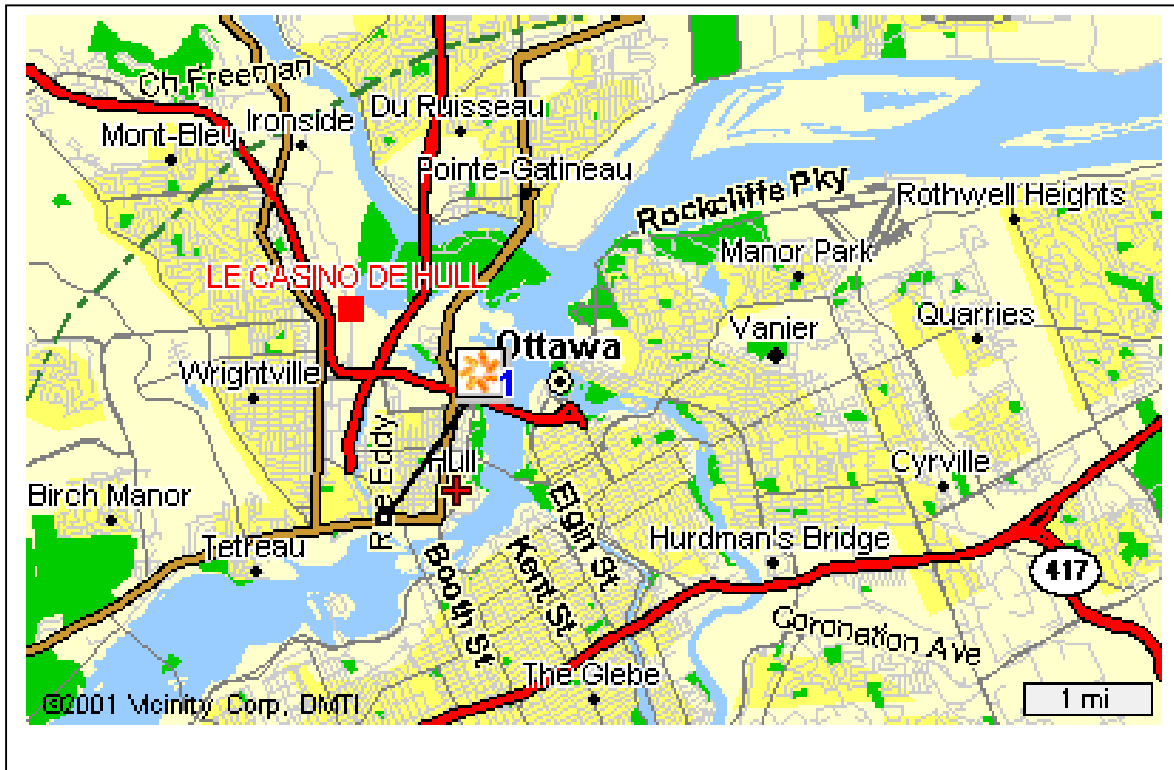
For further information or any special request, please contact any of the members of the organising committee. We look forward to meeting you at the workshop!


## **Organising Committee**

*Dr. Réjean Couture*  
*Mrs. Jan Aylsworth*  
*Dr. Stephen G. Evans*  
*Dr. Didier H. Perret*

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**Location plan :**



 1: Workshop Venue, 2 Montcalm Street, Hull (QC) J8X 4B4, Tel: 1-800-567-1962