

# **The First World Landslide Forum**

## **Implementing the 2006 Tokyo Action Plan on the International Programme on Landslides (IPL)**

**-Strengthening Research and Learning on Earth System Risk Analysis  
and Sustainable Disaster Management within UN-ISDR as Regards “Landslides”-**

**Date: 18-21 November 2008**

**Venue: United Nations University, Tokyo, Japan**

### **Organizers**

International Consortium on Landslides (ICL) \*, United Nations Educational, Scientific and Cultural Organization (UNESCO), World Meteorological Organization (WMO), Food and Agriculture Organization of the United Nations (FAO), United Nations International Strategy for Disaster Risk Reduction (UN/ISDR), United Nations University (UNU), United Nations Environment Programme (UNEP), World Bank (IBRD), United Nations Development Programme (UNDP), International Council for Science (ICSU), World Federation of Engineering Organizations (WFEO), Kyoto University (KU), Japan Landslide Society (JLS) (\* Members are listed in the last page)

### **Cosponsors (Tentative)**

Cabinet Office of Japan (CAO), Ministry of Foreign Affairs, Japan (MOFA), Ministry of Education, Culture, Sports, Science and Technology, Japan (MEXT), Ministry of Agriculture, Forestry and Fisheries of Japan (MAFF), Ministry of Land Infrastructure and Transport, Japan (MLIT), Japan Meteorological Agency (JMA), Japan International Cooperation Agency (JICA), Science Council of Japan (SCJ), Ministry for Research and University, Italy, Ministry of Foreign Affairs, Italy, Ministry of the Environment, Italy, Department of Civil Protection of the Presidency of the Council of Ministers, Italy, Ministry of Land and Resources of China (MLR), National Emergency Management Agency of Korea (NEMA), Ministry of Environment of the Slovak Republic, Ministry of Environment of the Czech Republic, Government of Peru, Government of Philippines, International Union of Geological Sciences (IUGS), International Union of Geodesy and Geophysics (IUGG), International Geographical Union (IGU), International Flood Initiative (IFI), International Year of Planet Earth (IYPE), Academy of Forest, Wood and Environment, Japan (AFWE), Asian Disaster Reduction Center (ADRC)

### **International Organizing Committee**

#### **Honorary Chairpersons**

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Jacques DIOUF (Director-General of FAO)  
Konrad OSTERWALDER (Rector of UNU)  
Michel JARRAUD (Secretary-General of WMO)  
Koïchiro MATSUURA (Director-General of UNESCO)  
Goverdhan MEHTA (President of ICSU)  
Shuzo NISHIMURA (Executive Vice President of Kyoto University)

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Paolo CANUTI (European Centre of ICL, University of Florence)  
Srikantha HERATH (Senior Academic Programme Officer of UNU)  
Kazuhiro ISHIHARA (Director of Disaster Prevention Research Institute of Kyoto University)  
Howard MOORE (Senior Advisor of ICSU)  
Badaoui ROUHBAN (Chief, Section for Disaster Reduction of UNESCO)  
Kyoji SASSA (President of ICL, IPL World Centre)  
Robert SCHUSTER (U.S. Geological Survey)

#### **Members**

Robert F. ADLER (Senior Scientist, Goddard Space Flight Center of National Aeronautics

and Space Administration (NASA), USA)  
Walter J. AMMANN (Chairman International Disaster and Risk Conference Davos IDRC and President Global Risk Forum GRF Davos)  
Peter BOBROWSKY (Secretary General, International Union of Geological Sciences (IUGS), Canada)  
Earl BRABB (President Emeritus, International Landslide Research Group, USA)  
Nicola CASAGLI (Director, European Centre of ICL, University of Florence)  
Ryu FUKUI (Manager, Tokyo Development Learning Center of the World Bank)  
See Sew GUE (World Federation of Engineering Organizations (WFEO), Institution of Engineers, Malaysia)  
Thomas HOFER (Forestry Officer, Specialist on watershed management and mountain development, Forestry Department of FAO, Italy)  
Alik ISMAIL-ZADEH (Secretary General, International Union of Geodesy and Geophysics (IUGG), Germany/Russia)  
Libor JANSKY (Senior Academic Programme Officer of UNU, Bonn, Germany)  
Saroj Kumar JHA (Team Leader, Global Facility for Disaster Reduction and Recovery the World Bank Group, USA)  
Suzanne LACASSE (Managing Director, Norwegian Geotechnical Institute (NGI))  
Willy LACERDA (Chair, Joint Technical Committee 1- Landslides and Engineered Slopes, Brazil)  
Peter LYTTLE (Coordinator, Landslide Hazard Programme of U.S. Geological Survey)  
Hideaki MARUI (President, Japan Landslide Society)  
Gordon MACBEAN (Chair, ICSU Planning Committee on Natural and Human-Induced Environmental Hazards and Disasters, Canada)  
Norio OKADA, N. (President, Japan Society for Natural Disaster Science)  
Nuria SANZ (Programme Specialist, World Heritage Centre of UNESCO, France)  
Hari SRINIVAS (Chief, Urban Environmental Management of UNEP, Japan)  
Hiroshi TANABE (Vice President, International Geographical Union (IGU), Japan)  
Avinash TYAGI (Director, Hydrology and Water Resources Department of WMO, Switzerland)  
Yueping YIN (Director, Department of Environmental Geology, Chinese Geological Survey, China)

## **Local Organizing Committee**

### **Executive Subcommittee**

**Chairperson:** Kaoru TAKARA (Executive Director of ICL, Professor of DPRI/KU)

### **Deputy Chairpersons:**

Hiroataka OCHIAI (Vice President of the Japan Landslide Society, Head of Mountain Conservation of the Forest and Forest Product Research Institute)  
Roy SIDLE (Professor, DPRI, Kyoto University)

### **Members**

Masahiro CHIGIRA (Professor, DPRI, Kyoto University)  
Daisuke HIGAKI (Chair, Planning Section of the Japan Landslide Society)  
Toshitaka KAMAI (Professor, DPRI, Kyoto University)  
Kazuo KONAGAI (Professor, Institute of Industrial Science, University of Tokyo)  
Toyohiko MIYAGI (Chair, International Affairs of the Japan Landslide Society)  
Hiromu MORIWAKI (Director, Strategic Planning Department of the National Research Institute for Earth Science and Disaster Prevention)  
Katsuo SASAHARA (Professor, Kochi University)  
Rajib SHAW (Associate Professor, Graduate School of Global Environmental Studies, Kyoto University)  
Koji SUZUKI (Executive Director, Asia Disaster Reduction Center)  
Yasuto TACHIKAWA (Executive Director of the Japan Society for Natural Disaster Science)  
Kuniyoshi TAKEUCHI (Director, International Centre for Water Hazard and Risk Management, Public Works Research Institute)  
Ikuo TOWHATA (Professor, Faculty of Engineering of the University of Tokyo)  
Ryousuke TUNAKI (Executive Director of the Japan Landslide Society)  
Ryuichi YATABE (Professor, Graduate School of Science and Engineering, Ehime University)

## Advisory Subcommittee

### Advisors

Tatsuya KIMURA (Deputy Head, International Affairs Office, Japan Meteorological Agency)  
Haruo NISHIMOTO (Director for Volcanic Sabo and Debris Flow Control, SABO Dept., MLIT)  
Shokichi SAKATA (Group Director for Water Resources and Disaster Management, Japan International Cooperation Agency)  
Eiji TORISU (Director of Disaster Preparedness, Cabinet Office)  
Yasuro KAWANO (Head of Forest Disaster Prevention and Restoration Office, Forestry Agency, MAFF)  
Atsushi WATANABE (Director, Section of Disaster Prevention Science and Technology, MEXT)

### Scientific Advisors :

Hiroyuki KAMEDA (Professor Emeritus, Kyoto University and Visiting Researcher, NIED)  
Masashi KAMON (Dean, Graduate School of Global Environmental Studies, Kyoto University)  
Yoshimitsu OKADA (President, National Research Institute for Earth Science and Disaster Prevention)  
Tadahiko SAKAMOTO, T. (Chief Executive, Public Works Research Institute)  
Asahiko TAIRA (Science Council of Japan, SCJ),  
Tamotsu TAKAHASHI (Association for Disaster Prevention Research)  
Kenzo TOKI (Director, Research Center for Disaster Mitigation of Urban Cultural Heritage of the Ritsumeikan University)

### Secretariat:

Hiroshi FUKUOKA (**Secretary General**, Treasurer of ICL, Associate Professor of DPRI/KU)  
Osamu NAGAI (Deputy Secretary General, Research Promotion Officer, International Consortium on Landslides)  
Shiho ASANO (Kyusyu Branch of the Forest and Forest Product Research Institute, Japan)  
Akihiko KAWASAKI (Research Fellow, United Nations University, Tokyo)  
Kenichiro KOBAYASHI (Assistant Professor, Institute of Sustainability Science, Kyoto University)  
Tadashi NAKASHIMA (Lecturer, Field Science Education and Research Center of Kyoto University)  
Hiroko NAKAZAWA (Administration Office of the United Nations University, Tokyo)  
Hidetoshi OHTA (President, Ohta-Geo, Japan)  
Yasuhiko OKADA (Researcher, Forest and Forest Product Research Institute, Japan)  
Etsuko TSUNOZAKI (Asia Disaster Reduction Center, Kobe) .  
Fawu WANG (Assistant to the President of ICL, Assistant Professor of DPRI/KU)  
Gonghui WANG (Assistant to the Editor-in-Chief of “Landslides” , Assistant Professor of DPRI/KU)  
Mie UEDA (Secretary, International Consortium on Landslides)

## Call for Contribution

- The First World Landslide Forum is a global cooperation platform for all types of organizations from academia, United Nations, governments, private sectors, and individuals which are willing to contribute for landslide and other related earth system risk reduction.
- It is neither a pure scientific/engineering meeting, nor a pure governmental and intergovernmental meeting, but a meeting cross-cutting many fields which may contribute to landslide and other related earth system disaster reduction.
- Your active contribution and initiative will lead landslide risk reduction efforts in the global cooperation framework for the coming decade.

## Background and Objectives of the First World Landslide Forum

In January 2006, the 2006 Tokyo Action Plan on the International Programme on Landslides (IPL) was adopted by the international community. It proposed the global cooperating Network of the IPL, and established the IPL Global Promotion Committee and the IPL World Centre as its secretariat to coordinate and support implementation of the International Programme on Landslides. The relationship of IPL Global Promotion Committee, the IPL World Centre, ICL member organizations, and ICL supporting organizations is shown below.

The adoption of the 2006 Tokyo Action Plan took place on the occasion of the 2006 Tokyo Round Table Discussion “Strengthening Research and Learning on Earth System Risk Analysis and Sustainable Disaster Management within UN-ISDR as Regards Landslides”-towards a dynamic global network of the International Programme on Landslides (IPL) which was held at the United Nations University, Tokyo, from 18<sup>th</sup> to 20<sup>th</sup> January, 2006, to formulate a framework for cooperation and to identify focus areas to reduce landslide risk worldwide. It was further agreed that the 2006 Tokyo Action Plan would be implemented within the scope of the Hyogo Framework for Action 2005-2015, “Building the Resilience of Nations and Communities to Disasters”, adopted at the United Nations World Conference on Disaster Reduction held in Kobe, Hyogo, Japan in 2005.

The Action Plan proposed organizing a World Landslide Forum in order to bring together academics, practitioners, politicians, and other stakeholders to a global, multidisciplinary, problem-focused platform. This bulletin describes the organization of the First Landslides Forum that will take place at United Nations University, Tokyo, Japan from 18-21 November 2008.



The objectives of the First Landslides Forum (1<sup>st</sup> WLF) are the following:

### 1. Promotion of research and exchange of experience through open Forums, Symposia and Thematic Sessions

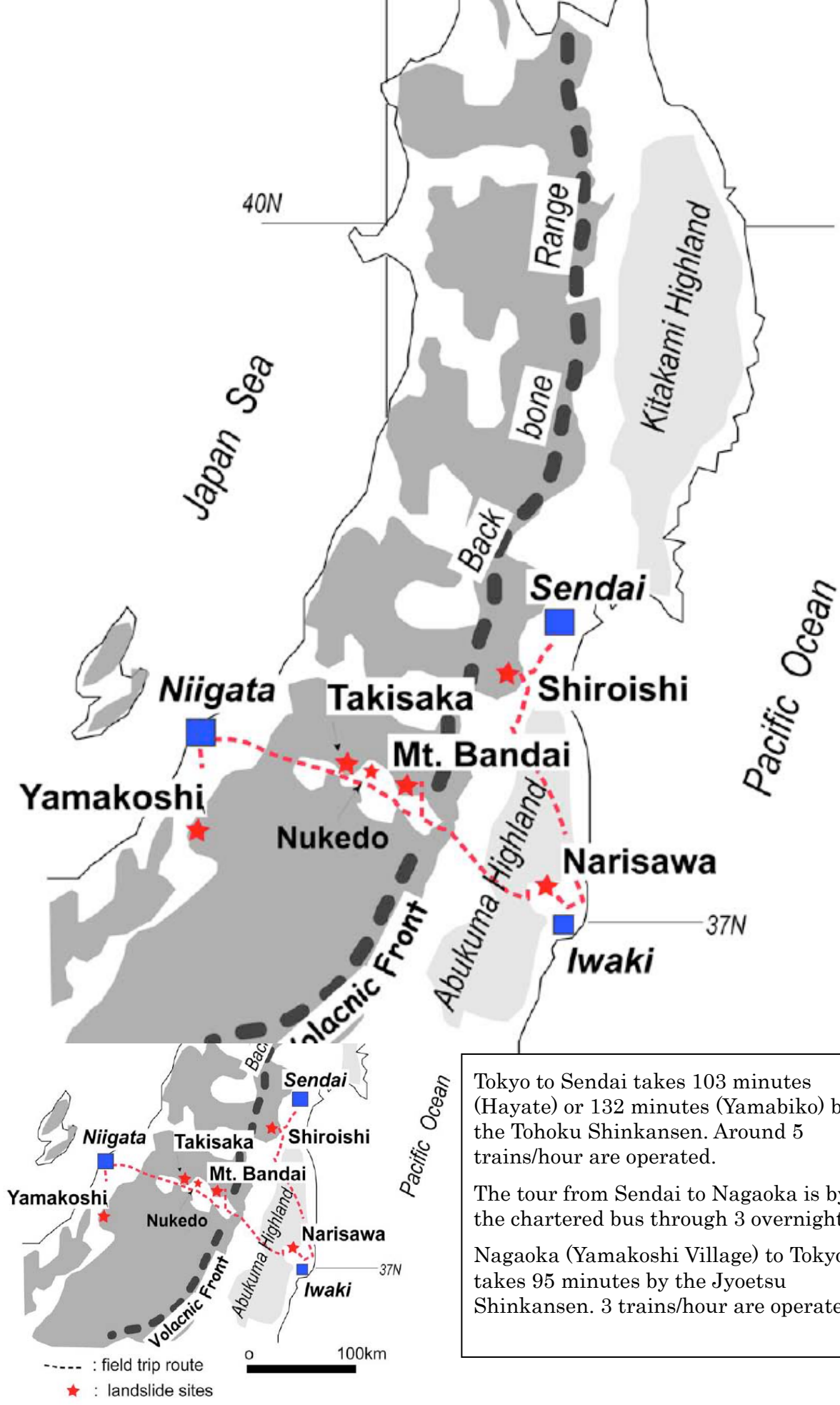
Various meetings to strengthen Research and Learning on Earth System Risk Analysis and Sustainable Disaster Management within UN-ISDR as Regards “Landslides” will be organized by all levels of participating groups. Rooms and time span will be allocated to promote those activities.

### 2. Advances and achievements of IPL

Proposals and reports on IPL projects will be presented for the planned global cooperating fields, which are listed hereafter:

#### Global Cooperating Fields of IPL

- (1) Technology Development
  - A. Monitoring and Early Warning
  - B. Hazard Mapping, Vulnerability and Risk Assessment
- (2) Targeted Landslides: Mechanisms and Impacts



Tokyo to Sendai takes 103 minutes (Hayate) or 132 minutes (Yamabiko) by the Tohoku Shinkansen. Around 5 trains/hour are operated.

The tour from Sendai to Nagaoka is by the chartered bus through 3 overnights.

Nagaoka (Yamakoshi Village) to Tokyo takes 95 minutes by the Jyoetsu Shinkansen. 3 trains/hour are operated.



# The First World Landslide Forum

## 18 November (Tuesday)

- 9:00-10:30 Opening Addresses from Organizers and Sponsors
- 11:00-12:30 Open Forum “Progress of IPL activities”
- 12:30-14:00 Exhibition and Posters in 2, 3 Floors.
- 14:00 -17:30 Plenary Symposium “Global Landslide Risk Reduction”
- 18:30-21:00 Welcome Reception at Ivy Hall of the Aoyama Gakuin University

## 19 November (Wednesday)

- 9:00-10:30 Plenary Session 1 at Utant Hall  
Keynote speeches/ Keynote lectures, and Thematic Presentations
- 11:00-12:30 Parallel Activities 1: Thematic sessions  
In Utant Hall (3F), Rose Hall (5F), Reception Hall (2F), Committee Room (2)
- 11:00-13:30 UN-GOV-NGO High level Round Table Discussion (12 F)
- 12:30-14:00 Exhibition and Posters in 2, 3 Floors
- 14:00-17:30 Parallel Activities 2  
Thematic Sessions in Utant Hall (3F), Rose Hall (5F), Committee Room 2(5F)
- 14:00-17:30 Public Forum in Japanese (Free of charge) in Reception Hall (2F)  
**“Protection of Society and Cultural and Natural Heritage from Landslides”**  
Role of UNESCO for Education, Science in Disaster Reduction (UNESCO)  
United Nations International Strategy for Disaster Reduction and Japanese Contribution (UN/ISDR)

## 20 November (Thursday)

- 9:00-10:30 Plenary Session 2  
Keynote speeches/ Keynote lectures, and Thematic Presentations
- 11:00-12:30 Parallel Activities 3 Thematic sessions  
In Utant Hall (3F), Rose Hall (5F), Reception Hall (2F), Committee Room 2 (5F)
- 12:30-14:00 Exhibition and Posters in 2, 3, 4 Floors
- 14:00-17:30 Parallel Activities 4  
Thematic sessions, et al. in Utant Hall (3F), Rose Hall (5F), Committee Room 2 (5F) and Reception Hall (2F)

## 21 November (Friday)

- 9:00-10:30 Plenary Session 3  
Keynote speeches/ Keynote lectures, and Thematic Presentations
- 11:00-12:30 Panel Discussion  
toward WLF-II in 2011
- 12:30-14:00 Working Group Meeting.
- 14:00- 16:00 Closing Session  
Presentation of New IPL Projects, Adoption of output document, Nomination of WCoE  
Conferment of ICL Awards (Varnes Medal, Best Paper Award, IPL Award of Success)
- 16:30-17:30 Press meeting
- 19:30- Post-Conference Dinner (outside of UNU)

# The First World Landslide Forum

	18 November (Tue)	19 November (Wed)	20 November (Thurs)	21 November (Fri)
<b>AM</b>	<b>Opening Session</b> Gov. of Japan, UN Organizations, Governments, NGO  <b>Open Forum</b> Progress of IPL activities	<b>Plenary Session 1</b> Keynote speeches/ keynote lectures <b>Parallel Activities 1</b> Thematic sessions * UN-GOV-NGO High Level Round Table Discussion	<b>Plenary Session 2</b> Keynote speeches/ keynote lectures  <b>Parallel Activities 3</b> Thematic sessions	<b>Plenary Session 3</b> Keynote speeches/ keynote lectures  <b>Panel Discussion                      toward WLF-II in 2011</b>
<b>Lunch</b>	<b>Exhibition &amp; Posters</b>	<b>Exhibition &amp; Posters</b>	<b>Exhibition &amp; Posters</b>	Working Group Meetings
<b>PM</b>	<b>Plenary Symposium:</b> Global Landslide Risk Reduction	<b>Parallel Activities 2</b> *Public Forum for citizens and youth (free of charge) *Dialogue on Country landslide issue *Consultation of specific landslides	<b>Parallel Activities 4</b> Thematic Sessions  * IPL Global Promotion Committee	<b>Closing Session</b> Presentation of New IPL Projects, Adoption of output document, Conferment of WCoE and ICL Awards <b>Press Meeting</b>
<b>Evening</b>	<b>Welcome Reception</b> (Ivy Hall, Aoyama Gakuin University)	Working Group Meetings	Working Group Meetings	<b>Post-Conference Dinner</b> (Outside of UNU)

## Parallel Sessions

### 1. A look from space

- Satellite remote sensing applications for landslide detection and monitoring
- Models for landslide warning based on satellite weather forecasts
- Remote sensing from airborne and ground-based sensors
- Extra-terrestrial landslides

### 2. Case Studies in Regions/Types

- Landslides in specific regions such as Central Asia, Latin America, Balkan, etc.
- Landslides in Loess, quick-clays, Volcanoes, mining or power plant sites, etc.
- Those papers presenting interesting case studies will be invited in this session

### 3. Catastrophic slides and avalanches

- Megalandslides
- Palaeo landslides, avalanches and their dating
- Rockslide dams and their failures
- Debris avalanches and lahars
- Environmental and socio-economic impact

### 4. Climate change and slope instability

- Climate change scenarios and consequences
- El Niño/La Niña and North Atlantic Oscillation effects on slope instability
- Monsoon rainfall irregularity
- Desertification, weathering and erosion
- Glacial lake outburst floods
- Landslides in frozen soils

### 5. Cultural Heritage and Landslides

- Contribution of archeology to paleo-landslides
- Landslide risk evaluation for long-standing cultural heritage
- Vulnerability of cultural heritage related to landslides: Physical and socio-economic vulnerability)

- Landslide risk mitigation technology suitable for cultural heritage
- Policy and advocates related to cultural heritage and landslides

## **5. Education for Disaster Reduction**

- Importance of education for natural disaster reduction
- Strategies for promoting education for natural disaster reduction
- Raising awareness of school teachers and community leaders
- Development of guidelines and educational tools

## **7. Environmental Impact of Landslides**

- Impact of landslides on stream character and water quality
- Impact of landslides on ecosystems: wildlife habitat and forests
- Impact of landslides on soil degradation and loss in farms and national parks

## **8. International Cooperation Initiatives**

- Global Platform for Disaster Reduction-UN/ISDR
- International Geoscience Programme (IGCP)-UNESCO/IUGS
- International Hydrological Programme (IHP)-UNESCO
- Disaster Prevention and Mitigation (DPM) Program- WMO
- Global Facility for Disaster Reduction(GFDR) – World Bank
- Natural and Human-induced Environmental Hazards and Disasters Program-ICSU
- Integrated Global Observing Strategy(IGOS)
- International Flood Initiative (IFI)
- International Year of Planet Earth (IYPE)

## **9. Landslides in General**

This session is planned to accommodate papers and posters dealing activities which are not included in other sessions.

- Landslide research and investigation
- Capacity building activities
- Landslide risk mitigation activities

## **10. Landslides and multi-hazards**

- Earthquake-induced landslides
- Landslides and volcanoes
- Domino effects in multi-hazard assessment
- Marine landslides and tsunamis

## **11. Mapping: Inventories, Susceptibility, Hazard and Risk**

- Landslide inventories.
- Landslide hazard and risk mapping methods at different scales.
- National and international landslide hazard and risk mapping strategies and projects.
- Links with mitigation measures and land use planning policy.
- Landslide hazard and risk assessment at regional scales from developing countries.

## **12. Monitoring, prediction and early warning**

- Technological development of monitoring and data transfer devices
- Monitoring, early warning and evacuation systems
- Modelling for triggering and runout for time and site prediction
- Which early warning systems are most effective in various settings and scales
- Living with landslides and awareness raising

## **13. Rainfall, debris flows and wildfires**

- Debris flows, flowslides, liquefied landslides
- Rainfall triggering of shallow-rapid landslides
- Influence of wildfires on slope instability
- Landslides in river systems
- Prevention measures and erosion control
- Raising public awareness on preparedness and response to landslide hazards



## **14. Risk Management Strategies in Urban Areas**

- Land use planning for landslide disaster reduction
- How to plan and build in unstable areas – Guidelines and building codes
- Effects of excavation and artificial fills in urbanization
- Recovery from landslide disasters
- Landslide management strategy in urban area
- Risk transfer mechanisms in different nations

## **15. Structural landslide disaster mitigation measures**

- Piles, shafts, ground anchors for landslides
- Ground-water drainage and Surface-water drainage system
- Debris flow disaster mitigation measures
- Stability and prevention of weathering for shallow landslides
- Retaining nets or fences for rock falls
- Prevention of snow avalanches

## **16. Watershed and Forest Management for Risk Reduction**

- Effects of forest harvesting, mountain roads, prescribed burning
- Reforestation to rehabilitate landslide affected areas
- Effects of forest conversion and rehabilitation strategies in developing nations
- Protection forests against landslides and debris flow runoff.
- Upslope forest management practices with downstream social consequences.
- Watershed management policy to mitigate landslide risk

## **Other parallel activities (PA)**

### **1. Exhibition of Landslides and Risk Mitigation of the World on 1-30 November**

The exhibition of landslides and risk mitigation of the world is displayed by the United Nations Information Centre (UNIC) at the Exhibition Hall on the second floor of the United Nations University which is open for public. Photos, posters, videos, model for landslide mechanism, investigation, risk mitigation measures are requested to present. Free of charge for this display but cooperation is requested to present good one-month exhibition for public awareness and learning on landslides

### **2. Public Forum “Protection of Society and Cultural and Natural Heritage from Landslides”.**

In order to publicize the significance of Landslides for citizens and young people supporting next generation in Japan, a public forum free of charge is conducted in Japanese. Talks from international leaders and experts are planned to present “Significance of Research and Learning on Landslides and their risk reduction”, “What is Landslide?”, “How to investigate?”, “How to mitigate those disasters?”. The room is directly adjacent to the Exhibition hall for the Exhibition of Landslides and Risk Mitigation of the World”

### **3. High Level Round Table Discussion**

Round table discussion on the direction of further activities and the outcome documents is conducted within major participants from United Nations Organizations, Governments and Non-governmental organizations.

### **4. Dialogues on country landslide issues**

Those who have been involved in landslide issues as government officers, developers, managers of entities in planning of development and management of lands may join free talk and information exchange on country landslide issue. Preparation of papers are not necessary.

### **5. Consultation of specific landslides**

Those which are involved in or suffered from specific landslides which are difficult to solve, good to tackle with international cooperation are invited to have an introduction.

Outline documents (free format) on the landslide are requested to present in advance, possibly in together with types or names of expected cooperating organizations or groups or individuals from participants.

Landslide experts are requested to attend it as volunteers.

## Plenary session and other events for 16 – 21 November

Date	Time	Room	Events and Programme	
16 Nov (Sun)	17:00-19:30	Floracion Aoyama	2008 Steering Committee Meeting of ICL	
17 Nov (Mon)	9:00-12:30	Room B (Rose Hall)	7 <sup>th</sup> Session of Board of Representatives of ICL	Arrangement of poster panels, desks etc.
	14:00-17:30		The Third IPL Global Promotion Committee	Registration and poster setting in 3 F
18 Nov (Tues))	9:00-10:30	Room A (Utant Hall)	Opening Address from Organizers and Guests	Registration in 3 F
	11:00-12:30		Open Forum “Progress of IPL Activities”	
	12:30-14:00	Lunch and Exhibition		
	14:00-17:30	Room A (Utant Hall)	Plenary Symposium “Global Landslide Risk Reduction”	
	18:30-21:00	Ivy Hall, Aoyama Gakuin	Welcome reception (included in the registration fee)	
20 Nov	17:30-18:30	3 F	Removals of Posters	
21 Nov (Fri)	9:00-10:30	Room A (Utant Hall)	Keynote address and Keynote lecture in Room A	
	11:00-12:30	Room A (Utant Hall)	Panel Discussion “ Toward WLF-II in 2011”	
	12:30-14:00	Lunch		
	14:00-16:00	Room A (Utant Hall)	Closing Session: Adoption of output document, Presentation of New IPL Projects, Nomination of WCoE, Conferment of ICL Awards (Varnes Medal, Best Paper Award, IPL Award of Success)	
	16:30-17:30	Room B (E. Rose Hall)	Press meeting	
	19:30-	Restaurant	Post-Conference Dinner	

## Parallel Sessions for 19, 20 November

Date	Time	Room A(Theater, 300) Utant Hall, 3F	Room B (Round + School, 110) Elizabeth Rose Hall ,5F	Room C (Chairs, 100) Reception Hall, 2F	Room D (Round, 60) Committee Room 2, 5F
19 November(Wednesday)	9:00-10:30	Keynote address and Keynote lecture in Room A			
	11:00-12:30	A look from space (1)	Education for disaster reduction (5)	Mapping: inventories, susceptibility, hazard and risk (11)	UN-Gov-NGO High level Round Table (for invited) (PA3)
	12:30-14:00	Lunch and Exhibition			
	14:00-15:30	Landslides and multi-hazards (10)	Watershed and forest management for risk reduction (16 )	Public Forum “Protection of Society and Cultural and Natural Heritage from Landslides in Japanese (PA2)	Dialogue on Country landslide issues (PA4)
	16:00-17:30	Monitoring, prediction and early warning (12)	Cultural heritage and landslides (5)		Consultation of specific landslides (PA5)
20 November(Thursday)	9:00-10:30	Keynote address and Keynote lecture in Room A			
	11:00-12:30	Rainfall, debris flows and wildfires (13)	Risk management strategies in urban areas (14)	Environmental Impact of landslides (7 )	
	12:30-14:00	Lunch and Exhibition			
	14:00-15:30	Climate change and slope instability (4)	Structural landslide disaster mitigation measures (15 )	Case studies in Regions/Types (2)	IPL Global Promotion Committee (for Members)
	16:00-17:30	Catastrophic slides and avalanches (3)	International cooperation initiatives (8)	Landslides in General (9 )	

## Planned Time Schedule

Date	Activities	Place
21-24 January 2008	Planning Meeting within the Second IPL Global Promotion Committee, Decision of Sessions	United Nations University wlf@iclhq.org
1 May 2008	Deadline to submit manuscript to the secretariat through session organizers.	wlf@iclhq.org
1 July 2008	Sending manuscripts for full color books (2 volumes) from the Secretariat to the publication company.	wlf@iclhq.org
1 September 2008	Deadline of papers for CD-publication and posters	wlf@iclhq.org
1 -30 November 2008	“Exhibition of Landslides and Risk Mitigation of the World” by UN Information Centre	Exhibition Hall at United Nations University
11-15 November 2008	Satellite Conference “Management of Landslide Hazard in Asian Pacific Region” and Field Trip “ Large scale landslides and Earthquake-induced Landslides”	Sendai-city Landslide sites in Miyagi-Fukushima-Niigata Prefecture
18-21 November 2008	The First World Landslide Forum	United Nations University.

### Secretariat of the First World Landslide Forum

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## International Consortium on Landslides

*An international non-government and non-profit scientific organization  
promoting landslide research and capacity building for the benefit of society and the environment*

**President:** Kyoji Sassa (Prof. Emeritus, Kyoto University)

**Vice Presidents:** Peter Bobrowsky (Geological Survey of Canada) / Paolo Canuti (University of Firenze, Italy)

Oddvar Kjekstad (International Centre for Geohazards, Norway) / Peter Lyttle (U. S. Geological Survey, USA)

### ICL Supporting Organizations:

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