

ICL Newsletter

Issue No.4, 26 May 2004

Contents

- 1. Second Session of BOR in Vancouver on 28 October – 1 November, 2003**
- 2. New projects of the International Programme on Landslides (IPL) approved in the 2nd BOR/ICL**
- 3. ICL New Members after 2nd BOR**
- 4. ICL Symposium and Memorial Meeting for Establishment of UNESCO-Kyoto University-ICL UNITWIN Cooperation Programme Headquarter**
- 5. 2004 Steering Committee Meeting of ICL at United Nations International Strategy for Disaster Reduction, Geneva, 3 – 4 May**
- 6. The Third Session of the Board of Representatives of ICL (3rd BOR/ICL), Bratislava, 19 – 22 October 2004**
- 7. Call for IPL new project proposals and Request of IPL Progress Report**
- 8. Nominations for the 2004 Varnes Medal**
- 9. Request of 2004 ICL Membership fee**
- 10. Launch of "Landslides" - Journal of the International Consortium on Landslides and Call for papers**
- 11. Information of Symposia of International Geological Congress 2004 cosponsored by ICL**
- 12. Recent Landslide Occurrence News**

1. Second Session of the Board of Representatives (2nd BOR/ICL) in Vancouver on 28 October – 1 November, 2003

The Second Session of the Board of Representatives of ICL was organized from 28 October to 1 November 2003 in Vancouver, Canada. In this session, Steering Committee meeting, International Programme on Landslides (IPL) Review Committee meeting, ICL Symposium, BOR meeting, and Field Trip were organized.

On 28 October, the ICL Steering Committee Meeting was held in the Crowne Plaza Hotel, Vancouver, and 25 members participated. They reviewed and discussed on BOR documents, especially new ICL members, 2002 financial statement, 2003 financial situation, and 2004 budget, launching of the new ICL journal, UNITWIN Programme, ICL Awards, and reorganizing of committees.

On 29 October, IPL Review Committee was held in Labatt Hall, Simon Fraser University Harbour Centre. IPL projects approved in 2002 1st BOR, were reviewed and discussed about the second year funding. New project proposals were examined and following new projects were approved by the committee. Those projects were finally approved formally by the BOR.

On 30 October, Special ICL Symposium on “Landslides and Natural Resources” was held in Labatt Hall, Simon Fraser University. More than 200 participants of not only of BOR members, but also landslide researchers and engineers from Canada joined in this meeting.

On 31 October, 2nd BOR was held in Labatt Hall and about 60 members participated. Application of ICL New members from Institute of Geology and Mineral Exploration (Greece), Faculty of Engineering, Ehime University (Japan), Swiss Federal Institute for Snow & Avalanche Research (Switzerland), IAG (International Association of Geomorphology), International Institute of Earthquake Engineering and Seismology (IIEES) (Iran), Technical University of Romania were approved.

Major change in the ICL officers and committees are : (1) Peter Lyttle (USGS) replaced John Pallister as one of Vice Presidents of ICL, (2) Committees for Capacity building, Publication, and Events, were combined into one committee – Committee for Capacity Building.

2003 ICL Varnes Medal was presented to Dr. Robert Schuster of USGS. A detail report by the ICL Award Committee will appear in “Landslides” journal Vol.1, No.2 issue.

On 1 November, one-day field trip to landslide and debris flow sites along the Sea-to-Sky Highway near Vancouver was organized. About 100 participants joined in this trip. Various types of debris flow prevention works were introduced.

2. New projects of the International Programme on Landslides (IPL) approved in the 2nd BOR/ICL.

Based upon the application from BOR members, those seven new IPL member projects were approved in the 2nd BOR / ICL.

M115 Establishment of a regional network for disaster mitigation, disaster education, and disaster database system in Asia

Office: Faculty of Engineering, Ehime University - Japan

Proposer: Ryuichi YATABE

M116 Standardization of Terminology, Integration of Information and the Development of Decision Support Software in the area of Landslide Hazards.

Office: Geological Survey of Canada

Proposer: Catherine HICKSON

M117 Geomorphic hazards from landslide dams

Office: Swiss Federal Institute of Snow and Avalanche Research. Switzerland

Proposer: Oliver KORUP

M118 Development of an expert DSS for assessing landscape impact mitigation works for Cultural Heritage at risk (VIP project)

Office: ENEA Agency – Italy.

Proposer: Giuseppe DELMONACO

M119 Slope instability phenomena in Korinthos county

Office: Institute of Geology and Mineral Exploration (IGME), Greece

Proposer: Nikos NIKOLAOU

M120 Landslide Hazard Zonation in Garhwal using GIS and geological attributes

Office: Earth Science, Indian Institute of Technology, India.

Proposer: Ashok Kumar PACHAURI

M121 Integrated system for a new generation of monitoring of dynamics of unstable rock slopes and rock fall early warning

Office: Charles University, Research Center of Earth Dynamic, Czech Republic

Proposer: Jirí ZVELEBIL

3. New ICL members after 2nd BOR/ICL (as of: 1 May 2004)

Since 2nd BOR meeting in Vancouver, Canada, four landslide organizations has applied to be ICL members as listed below. Those organizations should be approved in the next BOR in Bratislava. Application for new ICL Membership should be sent to ICL Secretariat by the Registration Form, which is obtained at:

<http://icl.dpri.kyoto-u.ac.jp/Membership/Registration/Form.htm>.

New ICL Member Organizations and their Representative and Alternate Representatives which paid the membership fees (since October 2003)

- (1) Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS, Italy, Daniel Nieto YABAR / Emanuele LODOLO
- (2) European Commission's Joint Research Centre, IPSC/HSU, Italy Alois SIEBER / Dario TARCHI
- (3) National University of Science and Technology, Ecological and Hazard Mitigation Engineering Research Center, Taiwan, H.J. LIAO
- (4) Mara University of Technology, Malaysia, Roslan Zainal ABIDIN / Yusof ABD. RAHMAN

4. ICL Symposium and Memorial Meeting for Establishment of UNESCO-Kyoto University-ICL UNITWIN Cooperation Programme Headquarter

ICL held three consecutive meetings in Kyoto on 21-24 January 2004; 1) the international symposium on landslide risk mitigation and protection of cultural and natural heritage was organized jointly by IPL - C101 "Landslide Risk Evaluation and Mitigation in Cultural and Natural Heritage Sites", IPL - M101 "APERITIF: Arial Prediction of Earthquake and Rain Induced Rapid and Long-Traveling Flow Phenomena", and IGCP-425 "Landslide Hazard Assessment and Cultural Heritage" on 21-22 January, 2) Kyoto University and ICL jointly decided to construct a new headquarter building for the UNESCO-Kyoto University-ICL UNITWIN cooperation programme "Landslide risk mitigation for society and the environment" in the Uji Campus of Kyoto University, Japan. The memorial meeting of the establishment of the UNITWIN headquarters was organized in the afternoon on 23 January at the International Conference Hall No.1, Kyoto University Clock Tower Centennial Hall, Kyoto University, 3) ICL Secretarial meeting was organized in the mornings of 23 and 24 January 2004. A total of 52 landslide researchers from 13 countries attended the symposium and 27 papers were presented.

In the memorial meeting of the UNITWIN Headquarter establishment, the Kyoto University President Kazuo Oike and the Director of Disaster Prevention Research Institute, Kyoto University, Kazuya Inoue gave welcome addresses to the guests after ICL president Kyoji Sassa opened the memorial meeting. Then, Badaoui Rouhban from the UNESCO Natural Sciences Sector, Hiroaki Tanaka from the office for Disaster Prevention Research of MEXT, Japan, Takashi Asai from the Japanese National Commission for UNESCO, Japan, Koichi Nagasaka from the Japanese Meteorological Agency (on behalf of WMO), Silvio Vita from the Italian Embassy, Erika Lizardo from the Peruvian Embassy in Tokyo, and Peter Bobrowsky, the ICL Vice President from the Geological Survey of Canada gave their congratulatory greetings.

Pedro Basabe from the UN/ISDR (United Nations Secretariat for the International Strategy for Disaster Reduction) introduced the plan of the United Nations World Conference on Disaster Prevention that will be held in Kobe in January 2005. Then, Dimitri Beridze, Chief of the UNITWIN Programme, Division of Higher Education, Education Sector, UNESCO outlined the UNESCO UNITWIN Programme. Finally, ICL President Kyoji Sassa presented the objectives of the UNITWIN cooperation programme on landslide risk mitigation for society and the environment.

On morning of 23 and 24 January ICL Secretariat Meeting was held in the meeting room, Kyoto University Clock Tower Centennial Hall. Participants discussed about (1) Outreach Committee, IPL Review Committee and other committee activities, (2) ICL Membership and future budget, (3) Management of "Landslides" Journal, (4) 2004 Steering Committee and UN/ISDR Meeting in 2 - 7 May 2004, (5) 2004 BOR and Symposium in Bratislava, (6) 2005 Steering Committee in Oslo, Norway and 2005 BOR/General Meeting in Washington, USA.

5. 2004 Steering Committee Meeting of ICL at UN/ISDR, Geneva, 3-4 May 2004

Date: 9:00 – 17:00 on 3 – 4 May 2004

Place: Room H3, Palais des Nations, Geneva 10, Switzerland

Hosted by UN/ISDR:

Sarvano Briceno and Pedro Basabe

The 2004 Steering Committee of ICL will be held hosted by UN/ISDR in the UN Building “Palais des Nations” in Geneva, Switzerland. Wolfgang Eder, Director of the Division of Earth Sciences, UNESCO, Winsome Gordon from the Division of Higher Education, and Giuseppe Ardino from the Jakarta office, UNESCO, Hong Yan, Deputy Secretary General of WMO, Hosny El-Lakany, Assistant Director General of FAO, Salvano Briceno, Director of UN/ISDR, Pedro Basabe, Technical Advisor of UN/ISDR, Takayuki Nakamura, Director of the office of Disaster Prevention Research, MEXT-Japan, and Werner Janoschek, Secretary General of IUGS will attend the meeting representing ICL supporting organizations as well as 13 Steering Committee members of ICL and secretarial members from the Research Centre on Landslides of Disaster Prevention Research Institute of Kyoto University. The progress of ICL and IPL after following the 2nd BOR in Vancouver, Canada will be reviewed. Publication of issue No.1 and the following issues of “Landslides” and further development will be discussed based on the editorial meeting of Landslides on 30 April 2004 in Heidelberg. The organization of the 2004 BOR in Bratislava, the organization of a symposium on 14-16 January 2005 in Kyoto, and contribution for to the UN World Conference on Disaster Reduction on 18-22 January 2005 are to be examined.

Proposed Agenda

9:00-12:00 on 3 May

1. Opening Address of 2004 Steering Committee
..... Kyoji Sassa (ICL President)

2. Welcome Address from UN/ISDR and UN Conference on Disaster Reduction in Kobe in January, 2005
..... Sarvano Briceno (Director of UN/ISDR)

3. Greetings from Supporting Organizations
 - 1) Wolfgang Eder, Director of Division of Earth Sciences, UNESCO
 - 2) Michel Jarraud, Secretary General of WMO (Hong Yan)
 - 3) Hosny El-Lakany, Assistant Director General of FAO
 - 4) Takayuki Nakamura, Director of Disaster Prevention Research, MEXT-Japan
 - 5) Werner Janoschek, Secretary General of IUGS

4. General Report of the ICL Progress after BOR by the President
Establishment of UNITWIN Headquarters Building; the Secretarial Meeting in Kyoto; and Publication of No.1 issue of “Landslides”; Editorial meeting in Heidelberg
5. Organization of 2004 BOR in Bratislava Kyoji Sassa
6. Organization of a Symposium on 14 – 16 January 2005 Kaoru Takara
7. Thematic Session in UN World Conference on Disaster Reduction on 17-19 January 2005
..... Pedro Basabe
8. Examination of the organization of Thematic Session on Landslides and the Global Strategy for
Landslide Disaster Reduction in 2005 – 2015 Kyoji Sassa

14:00-17:00 on 3 May

9. Organization of 2005 BOR in Washington
(General Assembly can be organized in Washington or in Kobe at the opportunity of UN World Conference. It is correlated to Item No.4.) Peter Lyttle
10. Organization of Steering Committee in 2005
11. ICL Journal
Journal publication schedule and Journal distribution Kyoji Sassa
12. Report from Treasurer Claudio Margottini/Hiroshi Fukuoka
Receipt and Payment of FY2003
Report from Auditors Jiri Zvelebil and Wang Fawu
13. Report from Executive Director
IPL projects and Contract with MEXT Kaoru Takara
14. New Members of ICL Kyoji Sassa
15. Resource Mobilization for ICL, IPL and especially for the journal publication by calling for ICL supporters, supports from funding agencies, new ICL members from developed countries.
..... Oddvar Kjekstad

9:00 – 12:00 on 4 May

16. Management of IPL

Review of IPL, policy to activate or to terminate IPL

..... IPL Committee: Yasser ElShayeb

17. Establishment of New Committee for Capacity Building combining three previous committees and its activities

..... Zieaoddin Shoaiei/Alexander Strom

18. Examination of ICL New Award and Varnes Medal

..... Award Committee: Peter Bobrowsky

19. Committee for ICL Library and Information Dissemination

..... Hiroshi Fukuoka

20. Management of UNITWIN Programme and Construction of UNITWIN Headquarters Building.

..... Kyoji Sassa

21. ICL and IPL Management Policy

..... Kyoji Sassa

14:00 – 17:00 on 4 May

22. News and Reports from Participants

- IPL C102: Assessment of global high risk landslide disaster hotspots

..... Odvar Kjekstad

- IPL C101-1: Landslide Investigation in Machu Picchu

..... Kyoji Sassa

- Others.

23. Information and Free discussion for ICL further development

(Any proposal, suggestion and information will be welcome)

24. Closing of Steering Committee

6. The Third Session of the Board of Representatives of ICL (3rd BOR/ICL), in Bratislava, 19 – 22 October 2004

The Third Session of ICL Board of Representatives will be organized in Bratislava, Slovakia on 19 - 22 October 2004 as described below.

Venue: Druzba Hotel, Botanicka 25, 84214 Bratislava, Slovakia

Tel: +421-2-602-99111, Fax:+421-2-654-23680

Accommodation:

Hotel Ibis, Zamocka 38, 81101 Bratislava, Slovakia

Tel:+421-2-59292000, Fax:+421-2-59292111

(Remark : Reservation should be done through the secretariat)

Schedule:

19 October (Tuesday)

9:00-12:00 : IPL Review Committee meeting (new proposals and reviews)

13:30-17:00 : Invited Lectures and Presentation of selected IPL projects (open)

20 October (Wednesday) 9:00-17:00 in Druzba Hotel, Conference Hall

3rd Session of the Board of Representatives

18:00-20:00: Reception in Druzba Hotel, Diners Club

21 – 22 October (Thursday - Friday):

Field Trip on cultural heritage and landslides in Slovakia (open)

Participation fee : 90 Euro, including bus, accommodation, meals)

Course Itinerary: Bratislava to Upper Nitra landslide region– Banska Stiavnica (UNESCO site – leakage of groundwater into historic buildings) – Spis Cattle (UNESCO site, lateral spreading) - Levoca (historic town: overnight) – Sterecno Castle – Skalka Monastery.

Organizing Committee

Chairman: Rudolf Holzer, Comenius University

Secretary General: Jan Vlcko, Comenius University

Secretariat: kig@nic.fns.uniba.sk

Field trip itinerary course



CALL FOR PAPERS!

Book on “Landslides and the Environment”

Landslide specialists are invited to contribute papers to the first ICL edited volume now in preparation and tentatively entitled “[Landslides and the Environment](#)”. The book follows but expands upon a successful Special Symposium entitled “Landslides and Natural Resources” held in October 2003 in Vancouver, British Columbia, Canada as part of the International Consortium on Landslides Board of Representatives meeting. Proposals will be considered as long as the paper topic clearly shows a link between landslides and the environment. For example, manuscripts dealing with the impact of landslides on water resources, reservoir and dam failures, loss of harvestable timber, effects on migratory fish corridors, mine tailing failures, severed gas pipelines and other similar topics are encouraged. Interested contributors are asked to contact the volume editor and provide a brief description of the proposed manuscript contents to ensure suitability with the companion manuscripts. Please contact the volume editor Peter Bobrowsky (Vice President, International Consortium on Landslides) for details (pbobrows@nrcan.gc.ca). Deadline for topic approval is August 30, 2004.

7. Call for IPL new project proposals and Request of IPL Progress Report

7.1 Call for New IPL Project

IPL projects must be proposed to the ICL Secretariat in the project proposal format by ICL members only. New projects have to be proposed along the proposal format as attached (Refer ICL web: <http://icl.dpri.kyoto-u.ac.jp/>) Application form should be sent to the ICL Secretariat (jimu@landslide.dpri.kyoto-u.ac.jp). The deadline for application is 20 September 2004. All proposers of new IPL project are requested to make oral presentation in the IPL Review Committee Meeting of the 3rd Session of BOR in October, Bratislava. Project evaluation / approval of new project budget allocation will be discussed in the session.

IPL has started since 2002, and the management policy and the budget allocations may be discussed in the IPL Review Committee meeting and the BOR meeting based on past years experience. One of possible examination for the management of IPL can be to increase a number of greater projects including sub-projects such as C101 “Landslide risk evaluation and mitigation in cultural and natural heritage” by combining three or more on-going or new projects to one greater project with a greater budget allocation under a strong leader. When one sub-project does not always proceed as expected, other sub-projects can make a progress with a flexible budget allocation. We may discuss on it during IPL meeting and BOR meeting.

Application for New Project of International Programme on Landsides

IPL Project Proposal Format

(MAXIMUM: 3 PAGES IN LENGTH)

Type of ICL Project Proposal: (ICL member existing project; ICL member new project)

Project Title: (2 lines maximum)

Main Project Category(s): (1 line maximum; fundamental research, database and hazard assessment, societal application, capacity building/information or other)

Date of Proposal Submission:

Primary Investigator Name:

Primary Investigator Affiliation: (2 lines maximum; include position and address)

Primary Investigator Contact: (1 line maximum; fax, phone, email)

Co-Investigator Names/Affiliations: (1 line maximum per investigator; 4 individuals maximum)

Objectives: (5 lines maximum; what you expect to accomplish?)

Background Justification: (10 lines maximum)

Study Area: (2 lines maximum; where will the project be conducted/applied?)

Project Duration: (1 line maximum)

Total Project Budget: (1 line maximum; in USD; equals sum of the following two):

Total Amount of Secured Funding/List Sources: (1 line per source maximum)

Total Amount of Funding Still Required/List Sources: (1 line per source maximum)

Total Budget Details: (10 lines maximum; include travel, equipment, personnel, contracts, in-kind support, etc. as needed)

Project Description: (30 lines maximum)

Work Plan/Expected Results: (20 lines maximum; work phases and milestones)

Deliverables/Time Frame: (10 lines maximum; what and when will you produce?)

Project Beneficiaries: (5 lines maximum; who directly benefits from the work?)

References (Optional): (6 lines maximum; i.e. relevant publications)

Note:

The International Program on Landslides (IPL) is coordinated by the International Consortium on Landslides. IPL projects can be financially supported by various sources. IPL projects must be proposed to the ICL Secretariat in the project proposal format by ICL members. IPL projects will be evaluated by the IPL Review Committee of the International Consortium on Landslides.

One of project proposers is requested to attend and orally explain the projects in the Session of Board of Representatives of International Consortium on Landslides (BOR/ICL). The next Session of BOR/ICL in 2004 is to be held on October 2004 in Comenius University, Bratislava, Slovakia.

7.2 Request of IPL Progress Report

The IPL committee of the ICL would like to ask every coordinator of IPL project to prepare and send an activity report that should include extensive information about your 2004 activities, as well as you planned activities for 2005.

This activity report should include the following information (but should not be limited to):

1. Name of the project
2. Duration
3. Needs Analysis (Problems, General Objectives, Specific Objectives, etc.)
4. Vision and Objectives of the Project (and also its importance)
5. Sources of finance
6. Activities (research, meeting, seminars, etc.)
7. Publications (if any)
8. Time Frame for further activities in 2005

As mentioned before, with the help of your data, we will be able to evaluate the activities of your project in accordance with the ICL objectives. We expect to receive your activity report as late as 19 August 2004 in order to be able to prepare the general report of the IPL committee for the BOR.

The progress reports should be sent to ICL secretariat (jimu@landslide.dpri.kyoto-u.ac.jp) and IPL review committee (yasser.elshayeb@link.net).

8. Nominations for the 2004 Varnes Medal

The International Consortium on Landslides seeks nominations for its highest award, the 2004 Varnes Medal. This award bestowed by ICL recognizes professional excellence in landslide study, research and/or education. Nominations for the award are now being accepted. The award is given to the successful candidate at the ICL BOR in the same year as the nomination. Complete nomination packages must be received by the 2004 Committee Chair (see address below) before **30 August 2004**.

Qualifications of Nominees

Nominees for the medal must meet two or more of the following criteria:

- a) they have contributed significantly to public education regarding landslide hazard;
- b) they are internationally recognized for their professional landslide career;
- c) their research bears directly on landslide studies, either through direct field work on landslide sites or indirectly through the development of methods/techniques applied to landslides studies; and,
- d) they have trained/supervised students who work or have worked on landslide issues.

Preparation of Nominations

The complete nomination package must have a total length not exceeding 20 typewritten pages.

Each nomination package must contain:

- 1) a 2-3 page letter of nomination, submitted by an ICL member in good standing (nominator), clearly identifying which two qualifying criteria the candidate successfully meets;
- 2) a curriculum vita for the nominee not exceeding 10 pages in length, stressing the person's contributions to landslide science research, teaching and/or community service; and,
- 3) no more than four letters of reference each no longer than 2 pages in length and each containing as many signatures of support as the referee wishes.

The nomination package may also contain 1-2 pages of other supporting documentation, at the nominator's discretion.

Mail nominations to:

Dr. Peter Bobrowsky
Chair – ICL Award Committee
Geological Survey of Canada
601 Booth Street
Ottawa, Ontario, Canada, K1A 0E8

9. Request of 2004 ICL Membership fee (due date: 20 September 2004)

The due date for 2004 Membership was 20 September (one month before the 2004 3rd BOR). Please remit your membership fee to the following ICL Bank Account at your earliest convenience. Request letter will be sent from ICL secretariat in Kyoto by both e-mail and air-mail. Amount of ICL membership of your institute was written on the letter.

- Bank name: Bank of Tokyo-Mitsubishi, Fushimi Branch

- Swift Code: BOTKJPJA

- Account name: ICL Kyoji SASSA

Account numbers: (508) 0028367 for USD,

(508) 0028354 for EURO,

(508) 0754780 for Japanese Yen.

10. Launch of "Landslides" - Journal of the International Consortium on Landslides and Call for papers

ICL has launched a new integrated landslide journal – “Landslides” – Journal of the International Consortium on Landslides. The 1st issue of the journal was published and distributed in April 2004. ICL distributes every issue of "Landslides" and Springer-Link web (electronic version) access right to each ICL member organization. Number of copies depends on the membership fee. Each BOR members has received the first issue in April. If you have not received yet, please contact to ICL Secretariat (jimu@landslide.dpri.kyoto-u.ac.jp) as soon as possible. This journal is printed in Springer Verlag, Heidelberg, Germany.

Its Electronic version can be accessed at Springerlink (<http://www.springerlink.com>). Especially, all of the first issue contents are not restricted to public. Username and password to access the Springerlink “Landslides” web was already distributed to each BOR member (If you did not receive or lost, please contact to ICL secretariat at the above e-mail address). The Journal is a joint activity of two international programmes; the International Programme on Landslides (IPL) and the UNITWIN Cooperation Programme “Landslide Risk Mitigation for Society and the Environment” between the United Nations Educational, Scientific and Cultural Organization (UNESCO), Kyoto University and the International Consortium on Landslides (ICL). Aim and Scope of this new journal is described below. Instruction for authors, front & article page samples, and latest information can be viewed at ICL web page (<http://icl.dpri.kyoto-u.ac.jp>).

ICL members are requested to contribute good papers to the journal as part of their membership obligations. Of course ICL can provide extra-copies for sub-members of ICL of the journal by ICL special price. Detail should be contacted to Journal Secretariat at journal@icl.dpri.kyoto-u.ac.jp.

The present time schedule of the Volume 1 (2004) is as follows.

No.2 issue: 15 July 2004: Publication

No.3 issue: 15 October 2004 : Publication

No.4 issue: 15 June 2004 deadline to receive manuscript, 15 January 2005: Publication

Volume 2, No.1 issue : 15 September deadline to receive manuscript, 15 April 2005: Publication

Papers and reports dealing in all aspects of identifying and assessing the occurrence of such phenomena and their motion will be published. Please contribute or promote to contribute either original papers, recent landslides, technical development, ICL/IPL activities, News and Letters in the field of landslides.

The No.3 issue is planned as a special issue dealing papers related to Areal Prediction of Rapid and Long-Traveling Flow Phenomena (APERITIF Project of IPL M101). Every article, which comes from IPL project achievement, must be mentioned and acknowledged clearly in the paper.

Aim

Landslides are gravitational mass movements of rock, debris or earth. They may occur in conjunction with other major natural disasters such as floods, earthquakes and volcanic eruptions. Expanding urbanization and changing land-use practices have increased the incidence of landslide disasters. Landslides as catastrophic events include human injury, loss of life and economic devastation and are studied as part of the fields of earth, water and engineering sciences. The aim of the journal Landslides is to be the common platform for the publication of integrated research on landslide processes, hazards, risk analysis, mitigation, and the protection of our cultural heritage and the environment. The journal publishes research papers, news of recent landslide events and information on the activities of the International Consortium on Landslides.

Scope

- Landslide dynamics, mechanisms and processes
- Landslide risk evaluation: hazard assessment, hazard mapping, and vulnerability assessment
- Geological, Geotechnical, Hydrological and Geophysical modeling
- Effects of meteorological, hydrological and global climatic change factors
- Monitoring including remote sensing and other non-invasive systems
- New technology, expert and intelligent systems
- Application of GIS techniques
- Rock slides, rock falls, debris flows, earth flows, and lateral spreads
- Large-scale landslides, lahars and pyroclastic flows in volcanic zones
- Marine and reservoir related landslides
- Landslide related tsunamis and seiches
- Landslide disasters in urban areas and along critical infrastructure
- Landslides and natural resources
- Land development and land-use practices
- Landslide remedial measures / prevention works
- Temporal and spatial prediction of landslides
- Early warning and evacuation
- Global landslide database

Instructions for Authors and other information are uploaded at

<http://icl.dpri.kyoto-u.ac.jp/journal.htm>

Editorial Secretariat for

“Landslides” – Journal of the International Consortium on Landslides

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(Electronic Submission of paper : landslide@landslide.dpri.kyoto-u.ac.jp)

11. Information of Symposia of International Geological Congress 2004 cosponsored by ICL

The 32th IGC 2004 will be held from 20 – 28 August, 2004, at the Congress Center, Fortezza da Basso, Viale Strozzi 1, Firenze, Italy. The Congress theme is “From the Mediterranean Area Toward a Global Geological Renaissance Geology, Natural Hazards, and Cultural Heritage.” Among a number of symposia, workshops, ICL and IGCP-425 will cosponsor following five Topical Symposia (<http://www.32igc.org/circular-scientific05.htm>). Active participation of ICL sub-members should be encouraged.

Number	Theme of topical symposia	Cosponsors and conveners
T - 11.10	GIS technology and statistical modeling for assessing landslide hazard and risk	IAEG/ICL *Carrara A. (Italy) - Pike R.J. (USA)
T - 11.13	Rapid moving landslide: monitoring, hazard and risk evaluations	CERG/IAEG/IAG/ICL *Evans S.G. (Canada) - Genevois R. (Italy)
T - 11.14	Slow moving landslide: monitoring, hazard and risk evaluations	CERG/IAEG/IAG/ICL *Bromhead E.N. (UK) - Hermelin M. (Colombia) - Pellegrini M. (Italy)
T - 11.15	Tsunami hazard from slope instability	ICL *Lee H.J. (USA) - Tappin D. (UK)
T - 16.06	Natural hazards and cultural heritage	IGCP 425/IAG/ICL *Canuti P. (Italy) - Grassi D. (Italy) - Sassa K. (Japan)

12. Recent Landslide Occurrence News

Information of recent major landslide disasters which took place from 11 October 2003 – 21 February 2004 and appeared in the Internet news sites of the world are compiled and listed below.

North America

21 February 2004 - Highway 93 in the USA Blocked by a Landslide

A landslide blocked the two-lane highway 93 near Sula. The slide occurred in an area that had just been cut away for the ongoing highway expansion project.

26 January 2004 - A Landslide Blocked a Road in Oregon, USA

The landslide, which was triggered by rainfall crashed into a construction machinery and blocked a road between Oregon City and Carver.

08 January 2004 - Landslides in West Virginia, USA

The effect of last year's rainfall can be seen on the roadways of West Virginia as landslides are taking out sections of road all across the state. Read more.

05 January 2004 - Rainfall has Caused Landslides in the Pittsburgh Region, USA

Landslides occurred along a section of Route 28 that leads into downtown Pittsburgh and along Route 51 in Stowe Township, which caused to close in one direction.

25 December 2003 - California Landslides Claim 11 Lives

The mudslides struck southern California as the usually dry region experienced a rainy Christmas day. Emergency service officials had warned that landslides were extremely likely following rains in the mountainous areas, where wildfires burned hundreds of thousands of acres of forest in October 2003. At least 14 other people were injured. Highways across the stricken area were blocked and closed to all but rescue vehicles.

20 December 2003 - Heavy Rains Caused a Massive Landslide in Oregon, USA

A landslide equal in volume to about 35,000 pickup truck loads of mud buried a prime salmon stream in the Tillamook State Forest under heavy rains.

01 December 2003 - A Landslide Closed 1 Lane in Alaska

Traffic at part of Thane's Road has been reduced to one lane due to a landslide in Alaska. The material sitting against the bedrock became saturated with water over time, through freezes and thaws. It wasn't the result of any single weather event.

01 December 2003 - People to be Evacuated due to a Landslide in Hawaii, USA

Heavy rains caused landslides behind the town homes in one Hawaii Kai area, Hawaii and police

advised residents to evacuate. Read more.

22 November 2003 - A Landslide Occurred at the San Diego's Black's Beach, USA

Part of a cliff slid onto San Diego's Black's Beach in the USA. No one was injured, but surfboards and backpacks were buried in the debris. Read more.

18 October 2003 - Landslides Blocked Highways in Western Washington, USA

The landslide, which occurred in Clallam County below Highway 112 east of Sekiu, reduced that roadway to one-way traffic. In the same County another landslide blocked highway 101 at Lake Crescent.

18 October 2003 - Heavy Rains Caused a Landslide in Guam

Heavy downpour has caused a landslide along marine drive across the Alupang Beach Towers in Tamuning.

South America

16 January 2004 - More than 20 People Lost Their Lives in Brazil due to Landslides and Flooding

Twenty four people were killed in the state of Rio de Janeiro and in the neighboring Minas Gerais state and 450 were left homeless by landslides and flooding following heavy rains.

18 November 2003 - Five People Have Died Following Days of Heavy Rains in the Dominican Republic

Five people have died in floods and landslides and some 2,000 people were evacuated from their homes around nearby Santiago as heavy rains swelled rivers in the Dominican Republic.

09 November 2003 - At least Six Prisoners Have Died due to a Landslide in Brazil

The prisoners died during an attempted escape from the Sao Paulo State Penitentiary when their tunnel collapsed due to a landslide. Read More.

Europe

06 February 2004 - Eastern Athens Ring Road was Shut by a Landslide, Greece

The section of Katehaki Avenue near the Saketas military camp on the outskirts of Vyronas, eastern Athens was shut due to a landslide. It was unclear what caused the landslide.

27 October 2003 - University Students were Evacuated due to a Landslide in Sheffield, UK

Due to a massive landslide behind Sheffield Hallam University students' flats, 25 people were ordered out of the flats on Solly Street. Two weeks ago a similar landslide occurred on the same

street, leaving two firms fearing for the future of their properties.

Africa

18 November 2003 - At Least 10 People Were Killed due to Floods and Landslides in Cross River State, Nigeria

At least 10 people were killed and many houses were destroyed when flood and landslide submerged several villages in Obanliku Local Government Area of Cross River State in Nigeria. Read more.

Asia

17 February 2004 - Traffic Chaos in Northwest China due to Landslides

A section of the State Highway 312 was blocked along 300 meters by a landslide caused by an eight-hour ice-rain shower in China's Xinjiang Uygur Autonomous Region. About 1,200 vehicles were stranded on the road, some trapped in one-meter deep mud.

15 February 2004 - Passenger Van Caught in a Landslide in Pakistan

Some 20 people have died, including ten in a passenger van when it was caught in a landslide in the northern town of Batgram, 120 kilometers north of Islamabad. Apparently the landslide was triggered by an earthquake measuring 5.7 on the Richter scale, which hit northern Pakistan.

02 February 2004 - Landslides Killed Two People at Jammu-Srinagar National Highway, India

The highway was blocked due to landslides at several places, following heavy snowfall. Two persons, including a Central Reserve Police Force, were killed in the landslides.

29 January 2004 - Landslide Killed 14 People in Indonesia

The landslide, which killed 14 people and buried houses in two villages in Purworejo regency, in Central Java province was caused by torrential rains.

25 January 2004 - Landslide Blocks a Major Highway in Nepal

The landslide, triggered by rainfall blocks a major highway in Nepal. The landslide occurred at Krishnabhri on the Prithvi highway, about 80 km west of Kathmandu.

18 January 2004 - Landslides near Ramban, India Led to Closure of a Highway

Landslides occurred near Ramban, some 150 kms from Srinagar, Digdole, Natha Nallah and Chaitaninallah leading to closure of the Jammu Srinagar highway.

16 January 2004 - Heavy Rains Caused Landslides in Western Java, Indonesia

Trains serving the two western Java cities of Bandung and Kroya were halted for several hours

following landslides triggered by heavy rains.

19 December 2003 - Philippine Landslides Kill at least 151 People

At least 200 people are feared dead in the series of landslides triggered by heavy rains that hit the central island of Leyte and the southern island of Mindanao. Click related video in this article

16 December 2003 - A Landslide Killed 10 and Injured 20 People in Southern China

A mountain slope along a road collapsed onto workers repairing a remote mountain road in Wangmo county, Guizhou province, burying many of them alive before they could escape.

16 December 2003 - Indonesia's Landslide Killed Four People

A landslide triggered by heavy rain has killed four people in Indonesia's South Sulawesi province. The landslide hit four villages in the area and destroyed 10 houses and two bridges

08 December 2003 - Persistent Rains Caused Landslides in Malaysia

Persistent heavy rains have resulted in several landslides along the Kuala Kubu Baru road. Roads are closed and restoration works have been ongoing for almost a month.

08 December 2003 - Houses Destroyed due to a Landslide in Indonesia

A landslide destroyed 14 houses in Kemranjen and Somagede villages, Banyumas district in Central Java, Indonesia.

21 November 2003 - A Landslide Kills a Girl in Indonesia

The landslide, which was caused by incessant rains occurred in Cukang village, Cikajang sub-district, Garut district, West Java. It also destroyed the house of the ill-fated girl's parents.

19 November 2003 - A Landslide Triggered by an Earthquake Blocked a Road in Philippines

A strong earthquake with a magnitude of 6.6 on the Richter Scale struck the central Philippines, killing a child and collapsing several small buildings. A landslide triggered by the earthquake blocked a mountainside highway in nearby town.

17 November 2003 - Floods and Landslides Claimed 65 Lives in Vietnam

Floods and landslides have claimed the lives of 65 people in central Vietnam. 17 people, including 15 gold miners, died in Phuoc Thanh commune, Quang Nam province, when a landslide buried their makeshift huts. Damage to crops, homes, and infrastructure is estimated at US\$23.9 m. Read more.

14 November 2003 - A Landslide Killed 12 and Injured 11 Workers in Central China

A landslide at a quarry in in Shaanxi province's Fugu County about 450km south-west of Beijing, killed 12 workers. The cause is not yet known.

3 November 2003 - Landslides Hit Ten Villages and Damaged 150 Houses in Indonesia

There were no casualties after the landslides which hit ten villages in the two sub districts of Ayah and Buayan in Indonesia's Kebumen regency, Central Java.

3 November 2003 - Landslide Buried Eight Gold Miners in Indonesia

The landslide occurred in Muatan Batu area, Tumbang Titi sub district, Ketapang regency, West Kalimantan. Read more.

21 October 2003 - A Landslide Stops Traffic in Phuket Province, Thailand

The landslide was caused by heavy rainfall near the Pun Tao Kong Chinese shrine, causing huge traffic jams in both directions. Between 9 am and 1 pm today, 35.6 mm of rain was recorded in Phuket Town and 36.7 mm at Takuapa, Phang Nga. No one was hurt and no property was damaged due to the landslide.

11 October 2003 - Railway Line Halted Due to a Landslide in North China

A passenger train heading for Zhengzhou, capital of central China's Henan Province, encountered a sudden landslide caused by rainy weather near Yima City. The landslide caused derailment of the train causing slight injuries on three passengers.

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