

5th IDRC in Davos 25 August 2014
Panel talk for PLENARY SESSION I
Outcomes of Recent International Disaster
Risk Reduction/ Management Conferences



Programme of ICL

World Landslide Forum 3 toward post-2015 framework for DRR

Kyoji Sassa
Executive Director

International Consortium on Landslides (ICL)

The Thematic Network on Landslides in UNISDR

SASSA, Kyoji (2014) Third Landslide Forum (WLF3).

GRF Davos Planet@Risk. Vol. 2, No. 5, pp.324-326.

(Special Issue for the Post-2015 Framework for DRR)

2014.8.20 Hiroshima Landslide Disaster

The historically largest rainfall intensity **217mm/3 hours** attacked the urbanization area in Hiroshima, Japan and caused **50 fatalities and 38 missing** on **20 August 2014**.

Climate change has been increasing rainfall intensity and frequency to trigger landslides. **Urbanization** has been increasing landslide disaster risk in mountainous countries. **Landslides** is one of the most dangerous disasters in the coming decades to be tackled in Post-2015 framework for DRR

Landslides in the urbanization area (Asaminami-ku) in Hiroshima City



Photos of Hiroshima landslide disasters



88 persons were killed or missed.



4th Phase 2017 4th WLF in Ljubljana, Slovenia
2020 5th WLF in Niigata, Japan (5 year after Sendai)



3rd Phase 2015 ICL-IPL Sendai Partnership Conference (11-15
March 2014 during 3rd WCDRR in Sendai, Japan
2014 Beijing Declaration for a Safer Geoenvironment
during 3rd WLF in Beijing, China



2nd Phase 2006 Tokyo Action Plan to establish IPL
2005 Letter of Intent agreed at the 2nd WCDR
in Kobe, Japan



1st Phase 2004 Foundation of the full color scientific journal
"Landslides"
2003 UNESCO-KU-ICL UNITWIN Cooperation
Programme on Landslides
2002 Kyoto Declaration "Establishment of
an International Consortium on Landslides"

1st Phase

An international consortium (**ICL**) was established during the UNESCO-Kyoto University Joint Symposium in 2002 with participants from UNESCO, UNISDR, WMO, MOFA & MEXT, Japan.

I : a cultural heritage at risk.

C : Motion of landslide and progress of ICL

L : Retaining wall for landslide disaster risk reduction measures



2014 ICLmember (59 organizations from 35 countries/regions)

1. Albania (1): Albania Geological Survey	19. Malaysia (2): Public Works Depart, Mara Univ.
2. Bosnia and Herzegovina (1): The Geotechnical Society of Bosnia and Herzegovina	20. Mexico (1): Institute of Geography, UNAM
3. Brazi (1): Federal University of Parana	21. Nepal (1): ICIMOD
4. Canada (1): Geological Survey of Canada	22. Nigeria(1): University of Nigeria. Dept. of Geology
5. China (5): China Geological Survey, etc	23. Norway (1): Inter. Center for Geohazards, NGI
6. Columbia (1): Univ. Nacional de Columbia	24. Peru (1): Grudec Ayar (NPO, Cusco)
7. Croatia (2): Rijeka + Zagreb Univ., Zagreb City	25. Russia (3): Moscow State University, Hydro Proj. etc
8. Czech Republic (2): Charles University, IRSM	26. Serbia (1): Univ ersity of Belgrade
9. European Commission (1):Joint Research Centre	27. Slovakia (1): Comenius University
10. Germany (1) :Technische Univ. Darmstadt	28. Slovenia (2): Univ. Ljubljana, Geological Survey
11. Georgia (1): National Environmental Agency	29. South Africa(1): Council for Geoscience
12. Honduras (1) : Univ. Politecnica de Ingenieria	30. Sri Lanka (2): Cent. Eng. Consul. Bur., NBRO
13. India (1): Natonal Inst. of Disaster Management	31. Chinese Taipei (1): National Taiwn University
14. Indonesia (1): Gadjah Mada University	32. Thailand (2): Ministry of Agri, Asian Disas. Prep. Cent.
15. Iran (3): Agri. Res. and Edu. Organization etc	33. Ukraine (1): Inst. Telecomm. & Global Infor. Space
16. Italy (3): University of Firenze, ISPRA, etc	34. Uzbekistan (1): Institute Hydroingeo
17. Japan (5): DPRI-KU, Japan Land. Soc. etc	35. Vietnam (1): Inst. Transport Science & Technology.
18. Korea (5): Korea Inst. (KIGAM, KFRI), etc	

ICL founded the full color Journal *Landslide* since 2004.
ICL published the full color books at each WLF since 2008

Landslides: Journal of International Consortium on Landslides.

6 issues/year, 200 pages/issue, Full color, 203 Impact factor: 2.814

WLF1 2008 : Landslide Disaster Risk Reduction. Vol.1, 649 pages

WLF2 2011 : Landslide Science and Practice. Vol.1-7, 3,600 pages

WLF3 2014 : Landslide Science for a Safer geoenvironment, Vol.1-3, 2,100 pages



**Advisory members of
the Journal
Management
Committee include
heads of UNESCO,
UNISDR, WMO, FAO,
UNU, ICSU, WFEO,
IUGS, Cabinet
Office/MEXT/MLIT of
JAPAN as well as ICL**

**Cover of WLF3 full
color book with
forewords from
UNESCO and UNISDR**



LETTER OF INTENT

"United Nations World Conference on Disaster Reduction (WCDR)", Kobe, Japan, 18-22 January 2005

This 'Letter of intent' aims to provide a platform for a holistic approach in research and learning on 'Integrated Earth system risk analysis and sustainable disaster management'.

Rationale

- Understanding that any discussion about global sustainable development without addressing the issue of Disaster Risk Reduction is incomplete;
- Acknowledging that risk-prevention policies including warning systems related to Natural Hazards must be improved or established;
- Underlining that disasters affect poor people and developing countries disproportionately;
- Stressing that after years of under-investment in preventive scientific, technical and communication infrastructure activities it is time to change course and develop all activities needed to better understand natural hazards and to reduce the vulnerability notably of developing countries to natural hazards, and
- Acknowledging that a harmful deficiency in coordination and communication measurements related to Disaster Risk Reduction exists.

Proposal

Representatives of United Nations Organisations, as well as the Scientific (ICSU) and Engineering (WFEO) Communities propose to promote further joint global activities in disaster reduction and risk prevention through

Strengthening research and learning on 'Earth System Risk Analysis and Sustainable Disaster Management' within the framework of the 'United Nations International Strategy for Disaster Risk Reduction' (ISDR).

More specifically it is proposed,




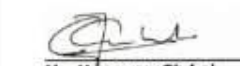
based on the existing structural framework of the ISDR and plan of action of the UN-WCDR, as well as other relevant networks and institutional and international expertise,

to establish specific, goal-oriented 'Memoranda of Understanding' (MoUs) between international stakeholders targeting Disaster Risk Reduction, for example focusing on landslide risk reduction, and other natural hazards.

Invitation

Global, regional and national competent institutions are invited to support this initiative by joining any of the specific MoUs following this letter through participation in clearly defined projects related to the issues and objectives of any of the MoUs.

Signatories:

 Mr. Koichiro Matsuura Director-General United Nations Educational, Scientific and Cultural Organization 4 MAR 2005 Date	 Mr. Michel Jarraud Secretary-General World Meteorological Organization 22. 3. 2005 Date	 Mr. Jacques Diouf Director-General Food and Agriculture Organization of the United Nations 21.01.2005 Date	 Mr. Sálvamo Briceño Director UN International Strategy for Disaster Risk Reduction 19.01.05 Date
 Mr. Hans van Ginkel Rector United Nations University 19.01.05 Date	 Ms. Jane Lubchenco President International Council for Science 21.04.05 Date	 Ms. Françoise Come Executive Director World Federation of Engineering Organizations 24/21/2005 Date	

The International Consortium on Landslides (ICL) proposed the "Letter of Intent" at the thematic session 3.8 "New International Initiatives for Research and Risk Mitigation of Floods (IFI) and Landslides (IPL)" of the United Nations World Conference on Disaster Reduction held on 19 January 2005 in Kobe, Japan. This is the Letter of Intent, which was electronically combined based on the original Letters of Intent, formally approved and signed by all parties. All of the original Letters of Intent with signatures are deposited in the secretariat of the International Consortium on Landslides which is located in the Research Centre on Landslides of the Disaster Prevention Research Institute, Kyoto University.

International Consortium on Landslides

Secretariat : Research Centre on Landslides, Disaster Prevention Research Institute, Kyoto University, Kyoto, Japan
Web: <http://ICL.dpri.kyoto-u.ac.jp>, E-mail: icml@landslide.dpri.kyoto-u.ac.jp, Tel: +81-774-38-4110, Fax: +81-774-32-5597

2nd Phase

UNESCO, WMO, FAO, UNISDR, UNU, ICSU and WFEO signed "**Letter of Intent**" by the Landslide Session in 2nd WCDR, Kobe, Japan in 2005



ICL exchanged MOU with each of UNESCO, WMO, FAO, UNISDR, UNU, ICSU and WFEO to promote **2006 Tokyo Action Plan** on International Programme on Landslides (IPL) in 2006



2014 Beijing Declaration and 2015 ICL-IPL Sendai Partnership Planning Meeting
19-22 November 2013 in Kyoto, Japan



ICL 10th Anniversary meeting to adopt ICL Strategic Plan 2012-2021
17-20 January 2012 in Kyoto, Japan



World Landslide Forum 3

Landslide Risk Mitigation: Toward a Safer Geoenvironment



High-Level Panel Discussion:

Initiative to create a safer geoenvironment toward WCDR2015 and forward

High-level panel was chaired by Hans van Ginkel.

UNESCO, UNISDR, WMO, ICSU/IRDR, China Geological Survey, ICL together from floor discussed.

The 2014 Beijing Declaration “Landslide Risk Mitigation : Toward a Safer Geoenvironment” was adopted in the round table discussion on 6 June 2014 following this panel discussion. 531 people, 211 national and international organizations from 40 countries and 5 organizations of United Nations System participated WLF3.

3rd Phase

Identification of World Centre of Excellence (WCoE) 2014-2017

IPL-Global Promotion Committee (member from ICL, UNESCO, WMO, FAO, UNU, ICSU, WFEO, IUGS: Chair: Salvano Briceno) has decided through 1) Examination of Eligibility by the Secretariat, 2) Technical Evaluation by 10 experts, 3) Recommendation by the Independent Panel of Experts (5 from ICL supporting organizations: Chair Hans van Ginkel)



**Certificates were awarded from UNESCO DG Irina Bokova to
15 leaders of WCOE 2014-2017**

From Left: Thailand, Slovenia, China (Geological Survey), Russia, Nigeria, Malaysia, Japan (Niigata University and Japan Landslide Society), Hans van Ginkel (former UNU Rector), Irina Bokova (UNESCO DG), ICL Executive Director, Czech, Croatia, Italy, Indonesia, China (North-East Forestry University), Sri Lanka, Taiwan/China.

2015 ICL-IPL Sendai Partnership Conference

Toward a Dynamic Global Network for Landslide Disaster Risk Reuction for the Post-2015 Framework for DRR

11-13 March 2015: IPL Symposium, ICL Board Meeting, IPL Global Promotion Committee in Tohoku Gakuin University

14-15 March 2015: Participation 3rd WCDRR and Discussion with participants

15 March 2015 (Lunch Time): **Working lunch with VIP and key members**

Conference Room 1 in Tohoku Gakuin University

15 March 2015 (PM); Round Table Discussion and Adoption of the ICL-IPL Sendai Partnerships in Conference Room 3+4 in Tohoku Gakuin University

(Cars will be arranged from 3rd WCDRR venue entrance to the University. 5 minutes drive)



Tohoku Gakuin University



Sendai Internatioanal Center



Ms Irina Bokova
UNESCO Director General

4th Phase

4th Phase will be examined and planned in the 2015 ICL-IPL Sendai Partnership Conference on 11-15 March 2015.

All United Nations', international/national, research/educational organizations and NGOs are invited to join this initiative within their own mandates and capacities.

Target mile stone meetings are

4th World Landslide Forum: May 29-June 2 in 2017

at Exhibition and Convention Centre, Ljubjana, Slovenia

5th World Landslide Forum: September 21-25 in 2020

at TOKI MESSE in Niigata, Japan.

Call for collaboration and support to this initiatives with concrete action to well fit this initiative to Post-2015 Framework for DRR

Post-2015 Framework for DRR

ICL-IPL initiative including WLF and *Landslides journal* is sure to contribute to Post-2015 Framework for DRR.

ICL, UNISDR, UNESCO will examine how does ICL-IPL Sendai Partnership contribute to the post-2015 Framework for DRR *based on the current pre-zero draft of the post-2015 framework for DRR on 7-9 October 2014 in Kyoto, Japan.*

Please be contact with us to collaborate this initiative.

Email: secretariat@iclhq.org

WEB: <http://icl.iplhq.org/>, <http://www.iplhq.org/>

Welcome to ICL-IPL Sendai Partnership Conference
11-15 March 2015 in Sendai, Japan
from Usoy Landslide dam in Tajikistan

