



## **The 10<sup>th</sup> Anniversary Meeting**

# **The International Consortium on Landslides (ICL)**

**-ICL Strategic Planning for 2012-2021-**

**17-20 January 2012, Kyoto, Japan**



A Landslide dam caused by Typhoon 12 in September 2011 in Nara Prefecture  
(Nakanihon Air Service, Japan)

Organized by

**The International Consortium on Landslides (ICL)**

and

**ICL supporting organizations:**

The United Nations Educational, Scientific and Cultural Organization (UNESCO), the United Nations International Strategy for Disaster Reduction (UNISDR), the United Nations University (UNU), the International Council for Science (ICSU), Kyoto University, and the Japan Landslide Society

## Background and Objectives

The International Consortium on Landslides (ICL), UNESCO, WMO, FAO, UNISDR, UNU, ICSU, WFEO and other global partners successfully organized the Second World Landslide Forum on 3-7 October 2011 at the headquarters of the Food and Agriculture Organization of the United Nations (FAO) in Rome, Italy. 864 persons from 64 countries attended it.

ICL was founded on 21 January 2002 during the UNESCO-Kyoto University Joint Symposium on Landslide Risk Mitigation and Protection of Cultural and Natural Heritage as an activity of IGCP-425. ICL will meet the 10<sup>th</sup> anniversary of ICL in January 2012. In order to make a strategic plan of ICL and IPL for the second decade, ICL together with ICL supporting organizations will organize the 10<sup>th</sup> anniversary meeting at the same facility of ICL foundation meeting in Kyoto, Japan.

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**Sponsorship:** The organization of the tenth anniversary meeting of the International Consortium on Landslides is supported for the different aspects by the following organizations and funds.



The Strategic Funds for the Promotion of Science and Technology of the Ministry of Education, Culture, Sports, Science and Technology (MEXT), Japan



The Science and Technology Research Partnership for Sustainable Development Programme of MEXT, Japan



The Ministry of Foreign Affairs, Japan (MOFA for ISDR)

The United Nations Secretariat of the International Strategy for Disaster Reduction (UNISDR)



The United Nations Educational, Scientific and Culture Organization (UNESCO for Disaster Reduction)

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## Schedule of the Meeting

**Date:** 17-20 January 2012

**Venue:**

Campus Plaza in Kyoto on 17-19 January 2012

The Disaster Prevention Research Institute in the Kyoto University Uji-Campus on 20 January 2012

**Schedule:**

**17 January (Tue) 2012**

Meeting Room No.1 (2F) of the Campus Plaza

**9:00-9:20** Registration

**9:20-9:30** Opening remark on the planned schedule                      Kyoji Sassa, ICL

Greeting from JICA Yuki Tanaka on behalf of Shiro Nakasone, Director, Disaster Management Division1, Global Environment Department, Japan International Cooperation Agency

**9:30-11:15 Proposals of Regional and thematic Networks of ICL (15 minutes/each)**

**Regional Networks**

1. Adriatic-Balkan Network ----- Snjezana Mihalic, Croatia
2. South-East Asian Network ----- N.M. Arambepola, Thailand
3. North-East Asian Network (Hiroshi Fukuoka, Japan and Wang Faw4, Japan/China)

**Thematic Networks**

1. Capacity Development Network (Landslide School Network) -- Dwikorita Karnawati, Indonesia
  3. Eurasian Landslide Terminology Network -----Alexander Strom, Russia
  4. Monitoring and Warning Network ----- Matjaz Mikos
  5. Landslides in Cold Regions -----Wei Shan
  6. Landslides and Cultural & Natural Heritage Network ----- Claudio Margottini
- African Network (Yasser Elshayeb, Egypt) will be examined. Latin American Network will be presented after the arrival of Renato de Lima, Brazil. Landslide Risk Management Network is presented by Surya Parkash, India only in document.

**11:15-11:30** Short break

**11:30-12:30**

**Discussion on networks**

**12:30-14:00** Lunch

**14:00-15:30**

**Discussion of Components to be included in the ICL strategic plan 2012-2021**

A component: Climate change effect triggering deep landslides ----- Kyoji Sassa

**Please propose components to be included in the ICL strategic plan.**

The proposed components in addition to regional and thematic networks will be integrated into the strategic plan. Those who will arrive on 16 January 2012 will be invited to preliminary examination for the strategic plan (contact to K. Sassa in Japan: mobile 090-8758-1405, [sasas@iclhq.org](mailto:sasas@iclhq.org))

**16:00-18:30 Working Group Discussion for the Strategic Plan**

ICL will publish a leaflet to contain Report of discussion results of ICL-10 including the strategic plan as well as regional and thematic networks and plan of WLF3 2014.

Strategic plan can be long so that initiatives of participants may be included. The strategic plan 2012-2021 is directed to participants, ICL members and ICL supporting organizations.

**18 January (Wed) 2012**

**9:00 – 12:00 Round table discussion At Meeting Room No.1 (2F) of the Campus Plaza**

Integration of proposed components for the Strategic plan for the development of ICL for 2012-2021.

A short review of the ICL activities 2002-2011 and issues to be examined toward 2012-2021 (by Kyoji Sassa) and discussion

**12:00-13:30 Memorial Joint photo and Lunch At Hall (2F) of the Campus Plaza**

**13:30-14:30 10<sup>th</sup> Anniversary Ceremony of ICL**

**At Lecture Room No.3 (4F) of the Campus Plaza**

**Welcome Address:**

International Consortium on Landslides ---- Paolo Canuti, President of ICL

The Government of Japan ----- Rikio Minamiyama

Director, Office for Disaster Reduction Research

Earthquake and Disaster-Reduction Research Division

Research and Development Bureau, MEXT

**Supporting Addresses for ICL and IPL Activities**

Badaoui Rouhban Director, Section for Disaster Reduction of **UNESCO**

**Address and Award of UNESCO medals to:** Professor Paolo Canuti, President of ICL

Professor Kyoji Sassa, Executive Director of ICL

Thomas Hockley Head of the Regional Offices Support and Coordination Unit, **UNISDR**

Thomas Hofer Team leader, Forestry Department of **FAO**, Host of WLF2

Srikantha Herath Programme officer, United Nations University (**UNU**)

Jane Rovins Executive Director, Integrated Research for Disaster Reduction (**IRDR** -**ICSU**)

Yumio Ishii Vice President of World Federation of Engineering Organizations (**WFEO**)

Peter Bobrowsky Secretary General of International Union of Geological Sciences (**IUGS**)

Kaoru Takara Prof. of Disaster Prevention Research Institute on behalf of Hiroshi Matsumoto, President of Kyoto University,

**14:30- 15:00 Appreciation of Contribution to ICL and IPL activities**

Badaoui Rouhban for Contribution since ICL foundation 2002

Salvano Briceno for Contribution for 2002-2011 as the Director of UNISDR

**ICL Conference Award**

Claudio Margottini for the Organization of the Second World Landslide Forum

**2010 Best paper Award of Landslides**

Christopher Massey, Vernon Manville, Graham H. Hancox, Harry J. Keys, Colin Lawrence and Mauri McSaveney<sup>1</sup>

Out-burst flood (lahar) triggered by retrogressive landsliding, 18 March 2007 at Mt Ruapehu, New Zealand—a successful early warning. Landslides, 2010, Vol.7, No.3, pp.303-315

**Recognition of Contribution to ICL Supporters**

Kawasaki Geological Engineering Co., Ltd (Takeshi Kato)

Kokusai Kogyo Co., Ltd. (Yoshiko Abe)  
Marui Co., Ltd. (Taketoshi Marui)  
Ohta Geo-Research Co., Ltd. (Hidemasa Ohta)  
Okuyama Boring Co. Ltd. (Shinro Abe)  
Osashi Technos Inc. (Maki Yano)  
OYO Cooperation Co. Ltd. (Wataru Nakagawa)

(New membership certificate was designed in the same style to ICL supporters and given to new members of 2010 and 2011 at FAO. The new membership certificates are prepared to 29 participating members from 2002-2009)

**15:30-16:00** Coffee Break in Hall

**16:00-18:00** **Round table discussion** to create the ICL Strategic Plan 2012-2021

**18:00-20:00** Potluck Party in Hall

### 19 January (Thu) 2012

**9:00-12:00** Lecture Room No.3 (4F) of the Campus Plaza

**Round table discussion** to adopt the ICL Strategic Plan 2012-2021 and plan the follow-up activities and further action for implementation.

**13:30 – 17:00** Meeting Room No.1 (2F) of the Campus Plaza

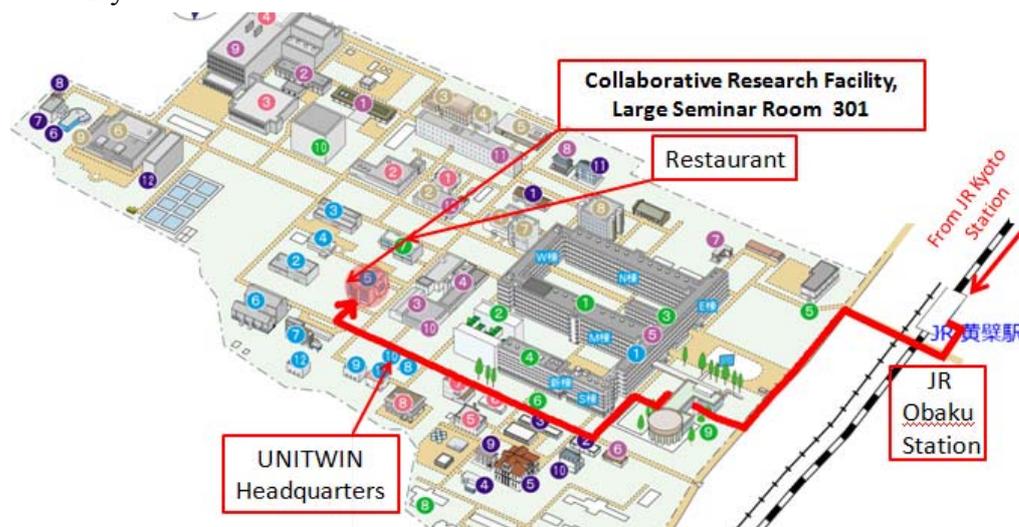
#### Steering Committee of ICL

Greeting from Dr. Johanna Schwarz, Springer. Earth Science editor.

1. Report of the Second World Landslide Forum.
2. Financial management of World Landslide Forum as the biggest IPL event.
3. Plan and Budget of 3rd World Landslide Forum 2014.
4. Examination of 4<sup>th</sup> World Landslide Forum.
5. Management of networks including conditions of its initiation and termination
6. ICL officers for 2012-2014.
7. Publication of *Landslides*.
8. Others

### 20 January (Fri) 2012

**9:00-18:00** Collaborative Research Facility, Large Seminar Room (301) of DPRI, Kyoto University, Uji, Kyoto.



## Programme of IPL Symposium 2012, Kyoto

<b>Opening Session (9:00-9:15)</b>		
Facilitator	Bin He, Center for the Promotion of Interdisciplinary Education and Research, Kyoto University	
Welcome Address	Kaoru Takara, Disaster Prevention Research Institute (DPRI), Kyoto University	
Greeting from JST	Koichi Tsukioka, Japan Science and Technology Agency (JST)	
<b>Session 1 (9:15-10:45)</b>	<b>Chairpersons:</b>	<b>Alexander Strom, Dwikorita Karnawati</b>
9:15-9:30 Brazil	Renato E. de Lima, Tiago Marino, et al.	CENACID and the impact of landslide disasters in Brazil
9:30-9:45 China	Hua Jiang, Zhaoguang Hu, et al.	Cut Layer Rocky Landslide Development Mechanism in Lesser Khingan Mountain
9:45-10:00 China	Wei Shan, Zhaoguang Hu, Hua Jiang	Mechanism of Permafrost Landslide based on GPS and Resistivity Surveying
10:00-10:15 Croatia	Snježana Mihalić, Željko Arbanas, et al.	The ICL Adriatic-Balkan Network: scientific background, opportunities and challenges for regional cooperation
10:15-10:30 Croatia	Zeljko Arbanas, Snjezana Mihalic	Progress in the Croatian-Japanese joint research project on landslides'
10:30-10:45 Croatia	Maja Ostric, Kristijan Ljutic, et al.	Undrained Ring Shear Tests Performed on Samples from Kostanjek and Grohovo Landslides
10:45-11:00	Break	
<b>Session 2 (11:00-12:30)</b>	<b>Chairpersons:</b>	<b>Zeljko Arbanas, Renato E. de Lima</b>
11:00-11:15 Czech	Adam Emmer, Vít Vilímek	Hazard assessment of GLOFs from moraine-dammed lakes and its relation to debris-flow
11:15-11:30 Egypt	Yasser Elshayeb	Zone risk Maps: Assessment of Natural and Anthropological Risk at the Saqqara Necropolis - Egypt
11:30-11:45 India	Surya Parkash	Interdisciplinary and Cross-sectoral Training on Comprehensive Landslides Risk Management – Scope, Challenges and Opportunities
11:45-12:00 Indonesia	Teuku Faisal Fathani	Study of Instability Process and Failure Mechanism of Situ Gintung Earth Dam
12:00-12:15 Indonesia	Dwikorita Karnawati, Joanne Kimbrough, et al.	Influence of ash and volcanic clay on mass movement mechanism in Indonesia
12:15-12:30 Indonesia	Dwikorita Karnawati, T. Faisal Fathani, et al.	Smart Grid for Landslide Monitoring and Early Warning System in Indonesia
12:30-14:00	Lunch	
<b>Session 3 (14:00-15:30)</b>	<b>Chairpersons:</b>	<b>Marko Komac, Teuku Faisal Fathani</b>
14:00-14:15 Iran	M. MahdaviFar, S.M. Fatemi Aghda, V. Bagheri	Seismic Landslides Hazard Zonation of Sarein, Iran using Fuzzy Logic System

14:15-14:30	Iran	Mohammad Kashanchi, Mohammadreza Mahdavifar, Reza Majidi Feijani	Landslide Risk Analysis in Reservoirs of Dams
14:30-14:45	Mexico	Gabriel Legorreta Paulín, Marcus Bursik, et al	Landslide distribution and volumes on the SW flank of Pico de Orizaba volcano, Mexico
14:45-15:00	México	José Fernando Aceves Quesada, Gabriel Legorreta Paulín, Víctor Manuel Martínez Luna	Gravitational processes in the eastern flank of the Nevado de Toluca México
15:00-15:15	Nigeria	Ogbonnaya Igwe, Ikenna Okonkwo, Okechukwu Nebedum	The Characteristics of May, 2011 Rainfall-induced Debris Flow in Southeastern Nigeria
15:15-15:30	Russia	Oleg Zerkal, Alexander Strom	Unification of Western and Russian landslide terminology and classification systems
15:30-15:45	Break		
<b>Session 4 (15:45-17:00)</b>		Chairpersons:	<b>Vlcko Jan, Gabriel Legorreta Paulín</b>
15:45-16:00	Slovakia	Vlcko Jan, Cheng Zhu, Dingwall Paul, Eder Wolfgang	Landslide and Rockfall Risk Reduction in World Heritage Sites and Geoparks
16:00-16:15	Slovenia	Matjaž Mikoš, Jošt Sodnik	PARAMOUNT - European research project on transport infrastructure safety in the Alps
16:15-16:30	Slovenia	Marko Komac, Blaž Milanič, Pooja Mahapatra, et al.	I2GPS – a new approach to 3D surface displacement monitoring
16:30-16:45	Thailand	Maksud Kamal, Arambepola Susith	Efforts for Landslide hazard risk reduction in selected urban areas of Bangladesh
16:45-17:00	Vietnam	Minh Tam Doan	Landslide situation in Vietnam and Cooperation with the International Consortium on Landslides in enhancement of research and treatment for landslides on road network
<b>Discussion</b>	<b>17:00-18:00</b>	Discussion Leaders:	<b>Matjaž Mikoš, Eder Wolfgang</b>
<b>Closure</b>	<b>18:00</b>	ICL Executive Director	<b>Kyoji Sassa</b>

(Note: 10 minutes for presentation, 5 minutes for question/answer.)

## List of Participants

No	Countries/UNs	Name	Office
1	UNESCO	Badaoui Rouhban	Director for Disaster Reduction
2	UNESCO	Giuseppe Arduino	Jakarta Office, Indonesia
3	UNISDR	Thomas Hockley	Head of the Regional Offices Support and Coordination Unit, Headquarters, Geneva
4	UNISDR	Yuki Matsuoka	Head of the UNISDR Office in Japan
5	UNU	Srikantha Herath	Headquarters, Tokyo
6	UNU	Hans van Ginkel	Former Rector of UNU
7	FAO	Thomas Hofer	Forestry Department
8	IRDR	Salvano Briceno	Chair for IRDR Scientific Committee. Former director of UNISDR
9	IRDR-IPO	Jane E Rovins	Executive Director of IRDR IPO, Beijing Office
10	WFEO	Yumio Ishii	Vice President of World Federation of Engineering Organizations, CTI Engineering
11	ICL/Italy	Paolo Canuti	President of ICL
12	ICL-Headquarters	Kyoji Sassa	Executive Director of ICL
13	ICL/Germany	Wolfgang Eder	Technical Advisor of ICL, Former Director of Earth Science of UNESCO
14	ICL-Headquarters	Osamu Nagai	Research Promotion Researcher of ICL
15	ICL-Headquarters	Mie Ueda	Secretary of ICL
16	ICL-Headquarters	Kumiko Fujita	Researcher of ICL
17	Albania	Adil Neziraj	Albania Geological Survey
18	Albania	Sadik Lumi	Albania Geological Survey
19	Brazil	Renato de Lima	CENACID-Universidade Federal do Paraná,
20	Canada	Peter Bobrowsky	Geological Survey of Canada
21	China	Wei Shan	Northeast Forestry University, China
22	China	Ying Guo	Northeast Forestry University,

23	China	Hua Jiang	Northeast Forestry University,
24	China	Yueping Yin	China Institute of Geo-environmental Monitoring(Center of Geohzds Emergency, MLR ), ICL Vice President
25	China	Qin Bai	International Cooperation, China Geological Survey
26	China	Xiaochun Li	China Geological Survey
27	China	Hongjian Liao	Xi'an Jiaotong University
28	China	Peng Cui	Institute of Mountain Hazard and Environment.
29	Croatia	Pavle Kalinic	Emergency management office of Zagreb City
30	Croatia	Kristina Martinovic	Emergency management office of Zagreb City
31	Croatia	Snjezana Mihalic	Faculty of Mining, Geology and Petroleum Engineering , University of Zagreb
32	Croatia	Martin Krkac	Faculty of Mining, Geology and Petroleum Engineering , University of Zagreb
33	Croatia	Zeljko Arbanas	Faculty of Civil Engineering, University of Rijeka
34	Croatia	Kristijan Ljusic	Faculty of Civil Engineering, University of Rijeka
35	Czech Republic	Jiri Zvelebil	Geo-tools NGO
36	Czech Republic	Vit Vilimek	Charles University
37	Egypt	Yasser Elshayeb	Cairo University, National TEMPUS Coordinator of EC
38	Germany	Johanna Schwarz	Earth Sciences Editorial Team, Springer Verlag
39	Honduras	Luis Eveline	Rector, Universidad Politecnica de Ingenieria de Honduras
40	Honduras	Jance C. Funes	Universidad Politecnica de Ingenieria de Honduras
41	Honduras	Anibal Godoy	Universidad Politecnica de Ingenieria de Honduras
42	Indonesia	Dwikorita Karnawati	Gadjah Mada University
43	Indonesia	Teuku Faisal Fathani	Gadjah Mada University
44	Iran	Mohammadreza Mahdavifar	International Institute of Earthquake Engineering and Seismology(IIEES)
45	Italy	Claudio Margottini	ISPRA-Italian Institute for Environmental Protection and Research, Vice President of ICL, Forum chair of WLF2
46	Italy	Philippo Catani	Department of Earth Sciences, University of Firenze
47	Italy	Minja Kukavicic	Department of Earth Sciences, University of Firenze

48	Japan-MEXT	Rikio Minamiyama	Ministry of Education, Culture, Sports, Science and Technology of Japan
49	Japan-MLIT	Shinji Yamaguchi	Erosion Control Division, Ministry of Land, Infrastructure, Transport and Tourism
50	Japan-JICA	Yuki Tanaka	Japan International Cooperation Agency
51	Japan-JST	Koichi Tsukioka	Japan Science and Technology Agency (SATREPS)
52	Japan-JST	Takashi Nishigaki	Programme officer of the Strategic Funds for the Promotion of Science and Technology
53	Japan-JST	Hiroshi Mikami,	Japan Science and Technology Agency (International Strategic Meeting)
54	Japan	Kaoru Takara	Kyoto University, DPRI, ICL Vice President
55	Japan	Hiroshi Fukuoka	Kyoto University, DPRI
56	Japan	Yosuke Yamashiki	Kyoto University, DPRI
57	Japan	Bin He	Kyoto University, DPRI
58	Japan	Maja Ostric	Kyoto University, Doctor student
59	Japan	Hideaki Marui	Niigata University, Research Institute for Natural Hazards and Disaster Recovery,
60	Japan	Kazuo Konagai	University of Tokyo, Inst. of Industrial Science
61	Japan	Hiromitsu Yamagishi	Ehime University, Center for Disaster Management Informatics Research
62	Japan	Hiroataka Ochiai	Forestry and Forest Product Research Institute, ICL Treasure
63	Japan	Toyohiko Miyagi	Tohoku Gakuin University
64	Japan	Fawu Wang	Shimane University
65	Japan	Deping Guo	Waseda University
66	Japan	Takeshi Kato	Kawasaki Geological Engineering Co., Ltd., ICL Supporter
67	Japan	Yoshiko Abe	Kokusai Kogyo Co., Ltd., ICL supporters
68	Japan	Taketoshi Marui	Marui Co., Ltd., ICL Supporter
69	Japan	Yuji Ikari	Marui Co., Ltd., ICL Supporter
70	Japan	Tadashi Enomoto	Marui Co., Ltd., ICL Supporter

71	Japan	Hidemasa Ohta	Ohta Geo-Research Co., Ltd., ICL Supporter
72	Japan	Shinro Abe	Okuyama-Boring Co., Ltd., ICL Supporter
73	Japan	Maki Yano	Osashi Technos Inc., ICL Supporter
74	Japan	Wataru Nakagawa	OYO Corporation, ICL Supporter
75	Japan/Mongol	Has Baator	Asia Air Survey, Co., Ltd., Japan
76	Korea	Jeongrim Oh	Ministry of Public Administration and Security (MOPAS)
77	Malaysia	Che Hassandi Abdullah	Slope Engineering Branch, Public Works Department of Malaysia
78	Mexico	Gabriel, Legorreta Paulin	Instituto de Geografia, UNAM
79	New Zealand	Mauri McSaveny	GNS Science, Avalon
80	New Zealand	Eileen McSaveney.	Earth Science Editor, Journal Proofreader for <i>Landslides</i>
81	Nigeria	Igwe Ogonnaya	University of Nigeria, Nsukka
82	Russia	Alexander Strom	Institute of Geospheres Dynamics
83	Russia	Oleg Zerkal	Moscow State University
84	Slovakia	Jan Vlcko	Comenius University,
85	Slovakia	Vladimir Greif	Comenius University
86	Slovenia	Matjaz Mikos	Dean, University of Ljubljana
87	Slovenia	Marko Komac	Director, Geological Survey of Slovenia
88	Sri Lanka	Virajh Dias	Central Engineering Consultancy Bureau (CECB)
89	Thailand	N.M.S.I. Arambepola	Asian Disaster Preparedness Center
90	Ukraine	Oleksandr. Trofymchuk	Institute of Telecommunications and Global Information Space, ICL board member
91	USA	Binod Tiwari	College of Engineering and Computer Science, California State University, Fullerton
92	Viet Nam	Doan Minh Tam	Institute of Transport Science and Technology
93	Viet Nam	Dinh Van Tien	Institute of Transport Science and Technology,
94	Viet Nam	Phan Thanh Hoa	Institute of Transport Science and Technology,

## Registration

The name cards of participants and meeting documents will be provided at the registration desk in front of Meeting Room No.1 (2F) of the Campus Plaza on 17 January 2012 and in front of Lecture Room No.3 (4F) of the Campus Plaza on 18 January 2012.

**Registration fee:** 10,000 JPY (Foreign participants will be exemplified).

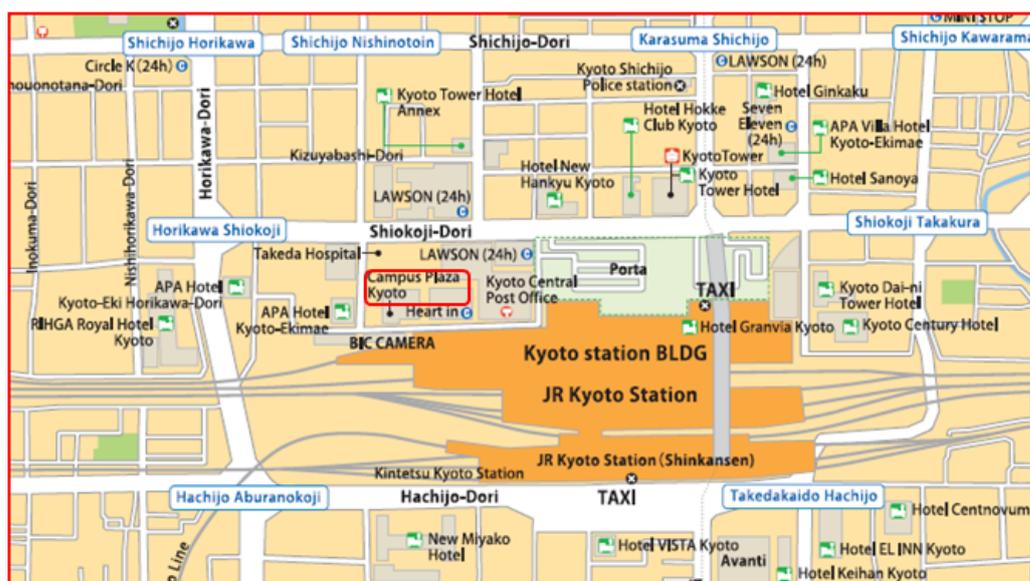
**Travel supports:** The travel supports to foreign participants will be delivered in Meeting Room No.1 (2F) of the Campus Plaza after the meeting on 17 January 2012.

## Accommodation in Kyoto

There are many hotels around the venue of meeting. Those hotels can be reserved by internet booking.com <http://bit.ly/v2SalU> by yourself. Inquiries on hotel reservation will be addressed to:

Ms Kumiko Fujita < [fujita@iclhq.org](mailto:fujita@iclhq.org) >, cc: ICL Secretariat [secretariat@iclhq.org](mailto:secretariat@iclhq.org)

Map of Venue and Hotels



### **Campus Plaza**

939 Higashi-Shiokoji-Cho, Nisino-Toin-Dori Shiokoji Sagaru,  
Shimogyo-ku, Kyoto Japan 600-8216, TEL +81-75-353-9100 (main), FAX +81-75-353-910  
<http://www.consortium.or.jp/index.php>

### **Venue of IPL Symposium**

Large Seminar Room (301) in the Collaborative Research Facility of Disaster Prevention Research Institute, Kyoto University, Uji, Kyoto.

Kyoto University Uji-Campus, Gokasho, Uji, Kyoto

Take a JR train bound for Uji and get off at the JR Obaku Station, then walk along the red line for 2-3 minutes. The venue is between the campus restaurant and the UNITWIN Headquarters building. (Map seen in page 5)

### **Secretaries of this Meeting and Contact**

Kyoji Sassa: [sassa@iclhq.org](mailto:sassa@iclhq.org) Mobile: 090-8758-1405

Bin He (Symposium): [hebin@flood.dpri.kyoto-u.ac.jp](mailto:hebin@flood.dpri.kyoto-u.ac.jp)

Osamu Nagai: [nagai@iclhq.org](mailto:nagai@iclhq.org)

Kumiko Fujita: [fujita@iclhq.org](mailto:fujita@iclhq.org)

Mie Ueda : [mie@iclhq.org](mailto:mie@iclhq.org)

Hongjian Liao: [liao@iclhq.org](mailto:liao@iclhq.org)