

**DRH Consortium International Workshop
toward Implementation Science for Disaster Risk Reduction
(1st DRH Consortium General Assembly)
Kyoto Univ. Clock Tower Hall, Kyoto, Japan
12 & 15 October 2009**

DRH and DRH Consortium

**As part of Session 2
"Objectives, Issues and Framework of the Workshop"**

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DRH Project PI
Visiting Researcher, EDM-NIED
Professor Emeritus, Kyoto University

CONTENTS

- 1. What is DRH ?**
- 2. How was DRH accomplished ? - DRH Project**
- 3. DRH Consortium - roles and functions / What will be bases for sustainable DRH in post-project period ?**
- 4. What should we do during this Workshop and IDRiM09 ?**

1. What is DRH ?

“Disaster Reduction Hyperbase-Asian Application (DRH-Asia)”

Purpose of DRH

- + A *web-based* information platform
- + To disseminate appropriate disaster risk reduction technology and knowledge (*Implementation technology*)
- + To deal with *multi hazard* disaster reduction
- + To aid disaster reduction policy development interactions among *developing & industrial countries*

“Hyperbase” because:

- * **Widened definition of technology** *“implementation technology”* (IOT, PT, TIK)
- * **Two-way** information flow: **developing & industrial countries**

DRH Database

Find technologies

DRH Forum

Propose a technology

DRH Forum

Discuss technologies

DRH Links

DRH partners

DRH Project

DRH Project activities

What is DRH?

DRH is a web-based facility to compile appropriate disaster reduction technologies and knowledge that incorporates regional characteristics of Asian countries and has solid implementation strategy. It is a part of implementation of HFA 2005-2015.

[> More](#)

Join the discussion



You can join 1) general discussion on disaster reduction technologies and 2) discussion on proposed technologies under review. Please log in if you want to join discussion.

[> Join a discussion](#)

[> DRH membership and procedure for registration \(In English\)](#)

Technologies for disaster reduction



[Process for community acceptance of earthquake technology --- UNCRD Experiences applying NSET Approach of Shaking-table Demonstration --- \(DRH 22\)](#)

Community Based Disaster Management (CBDM) activities utilizing shake-table demonstration resulted in effective to...

Proposer: Shoichi Ando

Category: Implementation Oriented Technology (IOT) , Process Technology (PT)



[Indigenous Knowledge on Flood Risk Management in Bangladesh \(DRH 17\)](#)

Due to geographical location Bangladesh is one of the most flood-prone countries in the world. Every year it is...

Proposer: Muhammad Saidur Rahman

Category: Transferable indigenous knowledge (TIK)



[Disaster management support system by utilizing satellites under the framework of "Sentinel Asia" \(DRH 26\)](#)

"Sentinel Asia" initially is an internet-based, node-allotted, information distribution backbone, eventually...

Proposer: Takayuki Nakamura

Category: Implementation Oriented Technology (IOT)



[> View all](#)

[✉ Propose a technology](#)

[✉ Get updates by email](#)

Project updates

What's new & information of DRH Project activities.

[> A small change in the DRH Template \(new version = ver.7.2\)](#)

07 September 2009

[> DRH Website new version with the multilingual display function](#)

04 September 2009

[> DRH Websystem maintenance notice](#)

03 September 2009

[> New DRH Contents in DRH Database](#)

24 June 2009

[> New DRH Contents in DRH Database](#)

09 June 2009

[> View all](#)

DRH partners

DRH Links : Guided links to relevant initiatives of disaster information platforms.

[> View DRH partners](#)

Links to the DRH website

You are free to link to this page.

[> Links to the DRH website](#)

Features of DRH (1): "3+1" major components

The screenshot shows the DRH website with a navigation bar containing five main components: DRH Database, DRH Forum, DRH Forum, DRH Links, and DRH Project. Below these are content sections for 'Technologies for disaster reduction', 'Project updates', and 'DRH partners'. Callout boxes provide detailed descriptions for each component.

DRH Database accommodating "implementation technology"

- * Implementation oriented technology (IOT)
- * Process technology (PT)
- * Transferable indigenous knowledge (TIK)
- # DR technology = Product + Process + Wisdom

DRH Forum : for contents elaboration

- * Proposal forum for facilitating collation, testing and dissemination of mitigation models for DRH contents

DRH Links : to relevant initiatives

- * Guided links to relevant initiatives of disaster information platforms

DRH Project

- * DRH Project activities traced here: Documents downloadable in PDF

DRH Top (as of 29 Sep. 2009)
<http://drh.edm.bosai.go.jp/>

Features of DRH (2): Pursuit for "Useful" technology for DRR

Implementation technology

- + **Implementation oriented technology (IOT)**: Outputs from modern R&D that are practiced under clear implementation strategies
- + **Process technology (PT)**: Know-how for implementation and practice, capacity building and social development for knowledge ownership
- + **Transferable indigenous knowledge (TIK)**: Traditional art of disaster reduction that is indigenous to specific region (s) but having potential to be applied to other regions and having time-tested reliability

Features of DRH (3): Criteria for DRH Contents

General Criteria for DRH Contents Acceptance

- **Understandable to users**
- **Implementable (Usable, Doable)**
- **Shown to be useful**

Plus

- **Criteria for each category (IOT, PT, TIK)**

* Facilitation by DRH Facilitators:

(IOT) Mosen Ghafory-Ashtiany and Hiroyuki Kameda

(PT) Amod Dixit and Norio Okada

(TIK) Anshu Sharma and Rajib Shaw

Criteria for Implementation Oriented Technology (IOT)

ver. 040425 (EqTAP rep)
070917 (Stresa)

- Technically or scientifically acceptable
- Problem identification and methodology development practiced in direct communication with stakeholders and end-users to create incentive for their participation and ownership
- Regional characteristics properly incorporated in terms of local context including available materials, cost, and workmanship
- Most advanced research methodologies mobilized to generate high-quality products and meet the actual demands of the region

Criteria for Process Technology (PT)

ver. 070703(FM1)
070917 (Stresa)

- With emphasis on “practical use” of research
- A tested methodology with social, cultural, economic, ecological, and technical feasibilities, developed through an implementation/ testing process ensuring results in disaster reduction
- Demonstrated stakeholders’ participation and enhanced ownership
 - of the process
 - of results and lessons
- Amenable/adaptable to local context, and with institutionalization potential
- In-depth knowledge and insight gained through experience with disasters and mitigation

Criteria for Transferable Indigenous Knowledge (TIK)

ver. 070702(FM1)
070917(Stresa)
071004 (Tsukuba)

- Originated within communities, based on local needs, and specific to culture and context (environment and economy)
- Provides core knowledge with flexibility for local adaptation for implementation
- Uses local knowledge and skills, and materials based on local ecology
- Has been proven to be time tested and useful in disasters
- Is applied or applicable in other communities or generations

Features of DRH (3): DRH Template

Template for DRH Database (ver.7.2)
Disaster Reduction Technology and Knowledge under Implementation Strategies

I. Heading	
1. Title	
2. Major significance (summary less than 60 words)	
3. Keywords	
II. Categories (Multiple answers allowed)	
4. Focus of this information Instruction for writers - For definitions, see the DRH website. http://drh.edm.bosai.go.jp/	
5. Anticipated users	5-1. Practitioners - Mark main and sub categories freely. - There are no hierarchical rules. - Items of "experts" may overlap with other categories. In that case, mark both categories.
	<input type="checkbox"/> Implementation Oriented Technology <input type="checkbox"/> Process Technology <input type="checkbox"/> Transferable indigenous knowledge <input type="checkbox"/> Community leaders (voluntary base) <input type="checkbox"/> Administrative officers <input type="checkbox"/> Municipalities <input type="checkbox"/> National governments and other intermediate government bodies (state, prefecture, district, etc.) <input type="checkbox"/> NGO/NPO project managers and staff <input type="checkbox"/> International organizations (UN organizations and programmes, WB, ADRC, EC, etc.) <input type="checkbox"/> Commercial entrepreneurs <input type="checkbox"/> Financing and insurance business personnel <input type="checkbox"/> Experts <input type="checkbox"/> Teachers and educators <input type="checkbox"/> Architects and engineers <input type="checkbox"/> Sociologists and political economists <input type="checkbox"/> Information technology specialists <input type="checkbox"/> Urban planners <input type="checkbox"/> Rural planners <input type="checkbox"/> Environmental/Ecological specialists <input type="checkbox"/> Others (Explain using the blank space below.)
	5-2. Other users <input type="checkbox"/> Policy makers <input type="checkbox"/> Motivated researchers <input type="checkbox"/> Local residents

**DRH Template (ver.7.2)*

Areas focused Every hazard should be included in the list of the original hazards. Hazard approach: Initiatives that focus on limited risks of all hazards likely to occur in a region.	<input type="checkbox"/> Earthquake <input type="checkbox"/> Tsunami <input type="checkbox"/> Volcanic eruption <input type="checkbox"/> Landslide <input type="checkbox"/> Mudflow <input type="checkbox"/> Dust storm <input type="checkbox"/> Cold wave <input type="checkbox"/> Heat wave <input type="checkbox"/> Zud <input type="checkbox"/> Cyclone/ Typhoon <input type="checkbox"/> Storm surge <input type="checkbox"/> Flood <input type="checkbox"/> Flash flood <input type="checkbox"/> Glacial Lake Outburst Flood (GLOF) <input type="checkbox"/> Snow avalanches <input type="checkbox"/> Epidemic <input type="checkbox"/> Wildfire <input type="checkbox"/> Drought <input type="checkbox"/> Desertification <input type="checkbox"/> Climate change impact <input type="checkbox"/> Land degradation <input type="checkbox"/> Multi-hazard (Multi-hazard approach) <input type="checkbox"/> Others (Explain using the blank space below hazards, disaster chains, etc.)
Elements at risk	<input type="checkbox"/> Human lives <input type="checkbox"/> Human networks in local communities <input type="checkbox"/> Business and livelihoods <input type="checkbox"/> Infrastructure <input type="checkbox"/> Buildings <input type="checkbox"/> Information and communication system <input type="checkbox"/> Urban areas <input type="checkbox"/> Rural areas <input type="checkbox"/> Coastal areas <input type="checkbox"/> River banks and fluvial basin <input type="checkbox"/> Mountain slopes <input type="checkbox"/> Agricultural lands <input type="checkbox"/> Cultural heritages <input type="checkbox"/> Others (Explain using the blank space below)

Hazards

- Earthquake
- Tsunami
- Volcanic eruption
- Landslide
- Mudflow
- Dust storm
- Cold wave
- Heat wave
- Zud
- Cyclone/ Typhoon
- Storm surge
- Flood
- Flash flood
- Glacial Lake Outburst
- Flood
- Snow avalanches
- Epidemic
- Wildfire
- Drought
- Desertification
- Climate change impact
- Land degradation
- Multi-hazard
- Others (specify)

2. How was DRH accomplished ?

DRH Project: Development and dissemination of
“Disaster Reduction Hyperbase-Asian Application (DRH-Asia)”
(Principal Investigator: **Hiroyuki Kameda**)

Major sponsor: MEXT, Government of Japan

* **MEXT Special Coordination Fund for Promotion of S&T**

+ **DRH Phase I: April 2005-March 2006**

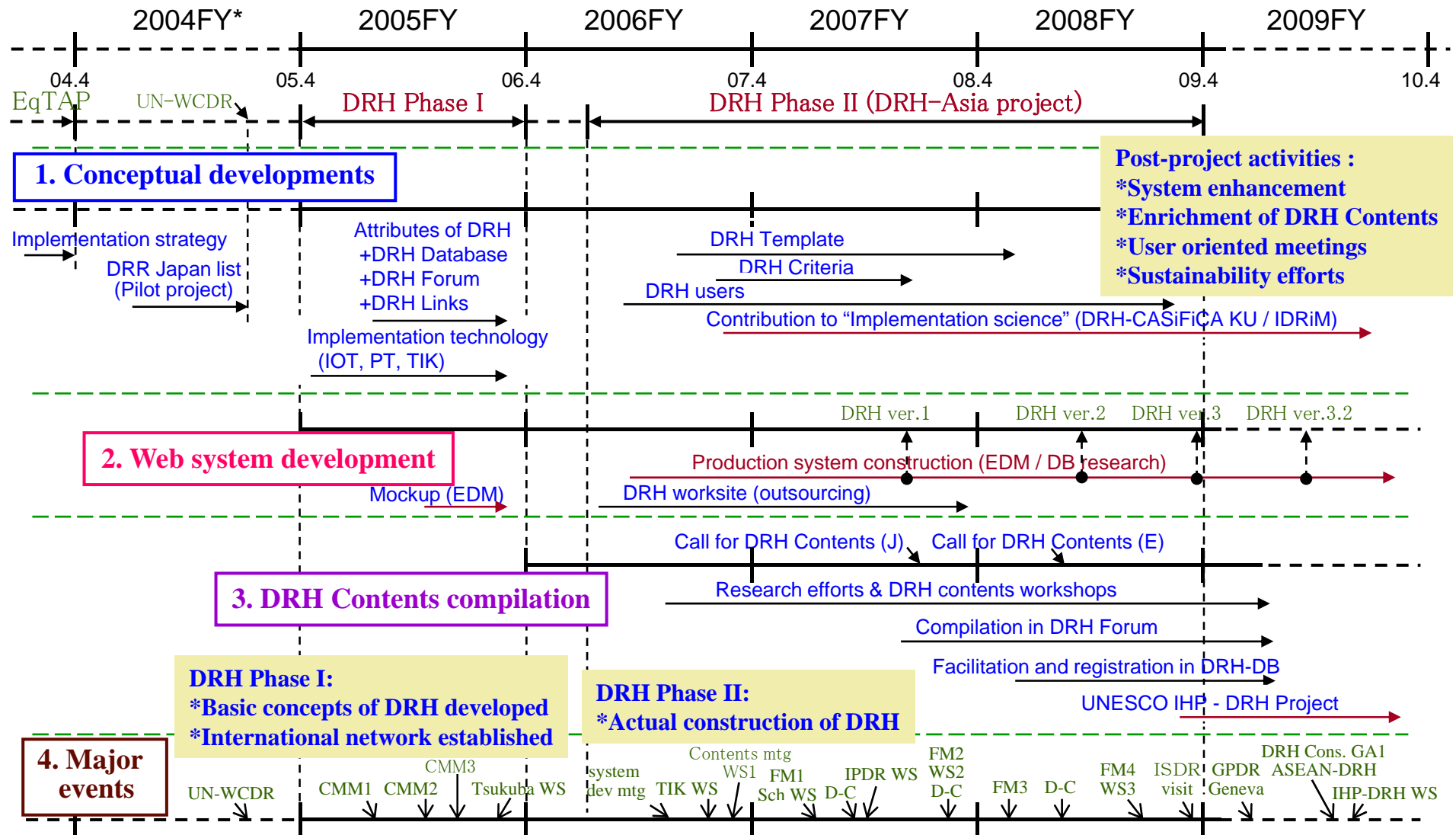
+ **DRH Phase II: July 2006-March 2009**

* **Institution in charge: NIED (National Research Institute for Earth Science and Disaster Prevention) / with Kyoto University as contractor on part of the project**

* **Policy-based mission: Implementation of HFA (Hyogo Frame for Action 2005-2015), adopted at WCDR 2005 (Realization of "Disaster Reduction Portfolio" proposed by GoJ)**

- + **International Participation by leading researchers, NGO practitioners, and international institutions (about 25 champion people)**
- * **Asian participation: BDPC (Bangladesh), BNU (China), SEEDS (India), ITB and CDRC (Indonesia), IIEES (Iran) NSET (Nepal), PHIVOLCS (Philippines), U. Peradeniya (Sri Lanka) + leading institutions of Japan**
- * **Africa: USTHB (Algeria)**
- * **South America: Peru Civil Defence (Peru)**
- * **Cross-regional coordination and collaboration in information platform development: UN-ISDR Secretariat, Geneva**
- + **Tremendous contributions by multilateral participants: in cash and/or in-kind**

DRH-Asia (Disaster Reduction Hyperbase-Asian Application) development



+ A summary of DRH values (Kameda @ WS2, Feb. 2008)

* Major accomplishments of DRH: "shared treasures"

- (1) **A web-system unique in functions and sustainability:** DRH Database, DRH Forum, and DRH Links / facilitation-registration procedure, open source enabling enhancement and cross-regional sharing, multilingual operation
- (2) **DRH contents featuring "Implementation Technology":** consisting of IOT, PT, and TIK / DRH Criteria and Template
- (3) **International human network:** participated by champions in NGO practitioners and motivated researchers / DRH Consortium
- (4) **Policy background:** implementation of HFA, collaboration with ISDR, ASEAN+3, APEC, etc.
- (5) **Contributions to a new scientific development** = "Implementation science" / CASiFiCA-DRH collaboration / participation in IDRiM Society

3. DRH Consortium - roles and functions / What will be bases for sustainable DRH in post-project period ?

The Issues

DRH has now taken its shape. The most important thing is to have it used for practical DRR purposes as well as to establish a sustainable mechanism of enhancing the DRH system and refreshing DRH Contents.

Post-project activities will require

- *System enhancement**
- *Enrichment of DRH Contents**
- *User oriented meetings and activities**
- *Sustainability efforts in international context**

DRH Consortium was endorsed in the 2nd Annual DRH Workshop, Beijing, February 2008

DRH Consortium Charter (Beijing, 22 February 2008)

The purposes of the DRH Consortium are to make collaborative efforts toward:

1. Maintaining, upgrading and promoting use of DRH for effective disaster risk reduction in vulnerable communities;
2. Promoting the application of new technologies for disaster reduction and taking other appropriate measures to strengthen implementation technologies; and
3. Promoting international cooperation in research and education on disaster reduction.

DRH Declaration and DRH Consortium with participants' signature

DRH Consortium Charter (DRH-Asia Workshop, Beijing, 22 February 2008)

Purposes and Principles

The purposes of the DRH Consortium are to make collaborative efforts toward:

1. Maintaining, upgrading and promoting use of DRH for effective disaster risk reduction in vulnerable communities;
2. Promoting the application of new technologies for disaster reduction and taking other appropriate measures to strengthen implementation technologies; and
3. Promoting international cooperation in research and education on disaster reduction.

Membership

1. The membership of the DRH Consortium is open to all individuals who work in disaster related issues and willing to carry out the DRH principles and practices. If it is needed, institutional membership is also possible
2. The membership qualification and acceptance will be decided by the Steering Body.
3. The Steering Body has the option to cancel the membership if warranted

Organs

1. The DRH Consortium will consist of a General Assembly; Steering Body and Management Group.
2. The Steering Body, as the Consortium policy body, will provide guidance and advice on the overall activities of the Consortium.
3. The Management Group, as the Consortium secretariat, will look at the daily operation of the Consortium.
4. The General Assembly, based on the advice and recommendation of the Steering Body, can make appropriate changes.

Operational details will be discussed and decided as soon as possible by the Steering Body.

in Stress, 17 September 2007

Establishment of DRH Consortium

17th of Sep 2007
Stresa, Italy

	Signature
ICEP	[Signature]
ADA	[Signature]
ary, Mahsen	[Signature]
Nicos	[Signature]
meindl	[Signature]
aten	[Signature]
shida	[Signature]
GOPALAKRISHNAN	[Signature]
rama	[Signature]
mi	[Signature]
ameri	[Signature]
Hseini	[Signature]
yaski	[Signature]
amoto	[Signature]
Tatano	[Signature]
aris	[Signature]
ABUDULKO	[Signature]
lyz	[Signature]
hiya	[Signature]
akakibara	[Signature]

Attachment 1: Signature in Beijing, 22 February 2008

Establishment of DRH Consortium



DATE: 22th of Feb. 2008
VENUE: Second Annual Workshop on DRH-Asia, Beijing Normal
Beijing, China

ME	SIGNATURE
Hamada	[Signature]
Haniy, Mahsen	[Signature]
unozaki	[Signature]
Aran' Zaki M	[Signature]
ENOUAR	[Signature]
ATANO	[Signature]
ANG	[Signature]
to PRIBADI	[Signature]
NAKAMURA	[Signature]
iwaku	[Signature]
PANDA	[Signature]
MF	SIGNATURE
SHARMA	[Signature]
ERCIK	[Signature]
Lin Wei	[Signature]
ISAHI	[Signature]
EDA	[Signature]
Ani DIXIT	[Signature]
SUNGAN	[Signature]
waku	[Signature]
chono	[Signature]
SHAW	[Signature]
ATSUMI	[Signature]

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DRH-Tokyo Resolution 2009

Towards Global Development and Use of the Disaster Reduction Hyperbase

DRH-Tokyo Resolution 2009

Towards Global Development and Use of the Disaster Reduction Hyperbase (9 January 2009)

The participants of the Third Annual Workshop on Disaster Reduction Hyperbase - Asian Application (DRH-Asia), held at JST Hall, Tokyo, Japan on 8-9 January 2009;

Having examined the DRH activities from 2006-March 2009 based on presentations, reports and discussions that addressed DRH Overview,

DRH Information and Implementation Technology, DRH Alliance, Registered DRH Contents, DRH Contents and Usability; and

Having identified the future problems, possible activities in the years ahead to be developed by the DRH contributors, users and supporters;

adopted the following resolutions.

(1) DRH Website will be upgraded to be more user-friendly and tractable with:

- > Improvement of website design and operation;

- > Enhancing instructions and information;

- > Collaboration with other similar web sites to set up "PreventionWeb";

- > Multiple languages to be added and offered.

(2) DRH Contents are recognized as basically well prepared. However,

- > The contents, if not in an appropriate form, should be assessed by some appropriate means.

- > Contents proposed should be registered on the DRH-database as soon as possible.

(3) Management of DRH process in future should include:

- > Establishment of DRH Consortium;

- > Formation of DRH-Alliance.

- > Establishment of DRH-Alliance and DRH-Alliance should be already activated; new national activities are expected such as DRH-Nepal and DRH-Bangladesh.

- > Publishing brochure, journal and books, as well as joint publication by ISDR and DRH.

- > DRH should be affiliated to the International Journal "IDRiM" and endorse its affiliation.

- > Consideration of awards for excellent contributors and users.

- > Encouraging young DRH leaders for the next generation; Capacity building.

- > Cooperation with other international organizations/initiatives such as ADRC, UNESCO-IHP and CASAC to enhance, strengthen and sustain DRH activities.

- > Mobilizing financial supports.

(4) DRH Consortium will be activated, based on the DRH Consortium Charter approved at the Second Workshop in Beijing on 22 February 2008, with the following organs:

- > Membership: List of members should be edited; Institutional Members will be proposed and approved.

- > Institutional Members: To be proposed and established.

- > Management Group: To play roles of the Secretariat for core members.

- > General Assembly: To be held at an appropriate occasion every year.

(4) DRH Consortium will be activated based on the DRH Consortium Charter approved at the Second Workshop in Beijing on 22 February 2008, with the following organs:

***Membership: List of members should be edited; Institutional Members will be proposed and approved.**

***Core members: Core members should be officially established.**

***Management Group: To play roles of the Secretariat for core members.**

***General Assembly: To be held at an appropriate occasion every year.**

We, the participants extend our gratitude to the Government of Japan and the National Research Institute for Earth Science and Disaster Prevention (NIED) for supporting the DRH activities and request continuing support in the future.



+ **Progress since Tokyo WS, Jan. 2009: focused rather on practical DRH management (system enhancement, DRH Contents compilation, dissemination efforts and new development mechanism) / not very much in institutional consolidation of DRH Consortium**

Progress between Tokyo (Jan.) \implies Kyoto (Oct.)

***DRH Contents:**

/ total # of proposals: 44 \implies 51

/ registered in DRH Database: 17 \implies 31

***DRH web system enhancement: ver.2 \implies ver.3.2 (significant change)**

***Efforts for dissemination:**

/ ACT AHED Conference, Delhi, Feb. 2009

/ Demonstration at Global Platform for DRR, Geneva, June 2009

/ DRH Session at Natural Disaster Science conference, Kyoto, Sep. 2009

/ ASEAN-DRH Session (IDRiM09), Kyoto, Oct. 2009

*** UNESCO IHP - DRH project: March 2009 - March 2010**

- + **In Tokyo Resolution, we already have "what should be".**
- + **Based on this, discussion in Kyoto is expected to make practical judgments considering existing factors that would affect post-project DRH institutional mechanism and functions of DRH Consortium:**
 - ***Evolution of NIED structures and termination of EDM in March 2011**
 - ***Arrangements among NIED and Kyoto Univ. leaders on transfer of DRH management functions to KU / DRH web system maintenance to be continued at NIED**
 - ***New mode of DRH activities emerging (e.g. IHP-DRH project)**
 - ***IDRiM Society to be launched (DRH to join as part of it ?)**
 - ***Handy DRH installation kit to be completed shortly / it will enable an easy establishment of regional DRH contributing to "decentralization" of DRH / This may motivate international sharing of DRH Consortium responsibility**

4. What should we do during this Workshop and IDRiM09 ?

DRH events during IDRiM09 Forum

1. **DRH Consortium WS: DRH Consortium International Workshop toward Implementation Science for Disaster Risk Reduction (1st DRH Consortium General Assembly)**
12 and 15 October 2009
2. **ASEAN-DRH Session: ASEAN-DRH / User-Provider Communication**
13 October 2009 (13:00-16:15)

*** All DRH participants: Please do attend both of these meetings !**

They are closely related to each other.

DRH Consortium International Workshop
toward Implementation Science for Disaster Risk Reduction
(1st DRH Consortium General Assembly)

(Day 1): 12 October 2009

Morning sessions:

**+DRH consortium members, confirm progress since Tokyo
WS and get prepared for afternoon discussion sessions.**

+ASEAN participants, get ideas of what DRH is all about.

1. 9:00-9:20 Opening

Chair: Djillali Benouar, Univ. Bab-Ezouar

*** EDM-NIED (Hiromichi Higashihara) / MEXT (Kiyohiko
Kuroda) / UNISDR (Craig Duncan) / JSPS (tbd)**

2. 9:20-10:30 Objectives, Issues and Framework of the Workshop

Chair: Peijun Shi, Beijin Normal Univ.

* DRH and DRH Consortium (**Hiroyuki Kameda**, EDM-NIED and DRH Project PI) (40)

* Incorporation in IDRiM09 Forum (**Norio Okada**, Kyoto Univ.)(15)

* Future Issues (**Kaoru Takara**, Kyoto Univ. and DRH Japan Board Chair) (15)

(10:30-10:50 Coffee break)

3. 10:50-11:40 Current status of DRH

Chair: Anshu Sharma, SEEDS India

* System development (**Hiroaki Negishi**, EDM-NIED) (30)

* Contents management (**Hiroyuki Kameda**) (20)

(11:40-13:00 Lunch)

Afternoon sessions:

+DRH consortium members, contribute to discussion sessions. Please, prepare 1-2 page power point presenting your thoughts from the morning session and your perspective.

+ASEAN participants, please join discussion from users' point of view.

4-1. 13:00-15:00 Discussion: DRH Consortium activity clarification (1)

Chair: Hiroyuki Kameda / Rapporteur: Koichi Shiwaku, EDM-NIED

Panels: Mohsen Ashtiany, Anshu Sharma, Peijun Shi, Rajib Shaw, Hirokazu Tatano

Issues: DRH Contents development and management (facilitation, ownership, etc.) / DRH dissemination (user incentive / contributor incentive / education) / Implication to IDRiM Society / (etc.)

(15:00-15:15 Coffee break)

4-2. 15:15-17:15 Discussion: DRH Consortium activity clarification (2)

Chair: Mohsen Ashtiany, IIEES / Rapporteur: Naho Ikeda, EDM-NIED

Panels: Djillali Benouar, Saidur Rahman, Amod Dixit, Craig Duncan, Hiroaki Negishi

Issues:

- * DRH system transfer for regional DRH development
- * DRH system enhancement
- * (etc.)

13-15 October 2009 (Attend the IDRiM09 International Forum)

(Day 2): 15 October 2009

5. 14:45-16:15 (IDRiM09 Integration and Closing / IDRiM society)

(16:15-16:30 Break)

6. 16:30-18:00 Discussion / Resolution

Chair: Amod Dixit, NSET / Facilitator: Rajib Shaw, Kyoto Univ.

* Session 4-1 discussion report: **Koichi Shiwaku, EDM-NIED (10)**

* Session 4-2 discussion report: **Naho Ikeda, EDM-NIED (10)**

* ASEAN-DRH Session discussion report: **Krishna Pribadi, ITB (10)**

* General discussion (30)

* Adoption of Resolution (30)

18:00 Workshop Adjorn

ASEAN-DRH / User-Provider Communication (ASEAN-DRH Session)

13 October 2009 13:00-16:15

Agenda

1. Opening Remarks & Session Overview (13:00-13:10)

Chair: Rajib Shaw (Sessions 1-3)

+ **Hiroyuki Kameda**, EDM-NIED

+ **Alexander A. Lim**, ASEAN Secretariat

2. DRH Contents for ASEAN Countries and other Asian Premise
(13:10-13:40)

+ **Renato Solidum**, PHIVOLCS (Philippines)

+ **Krishna Pribadi**, Institute of Technology, Bandung (Indonesia)

+ **Koichi Shiwaku**, EDM-NIED (Japan)

3. ASEAN Perspective of DRH Application (13:40-14:00)

+ **Tabrani**, AHA Center, Jakarta

4. Disaster Reduction Activities and Potential Links with DRH (by ASEAN participants) (8 min. each / **No more than eight slides incorporating at least one slide expressing your view on DRH**)

Chair: Alexander A. Lim (14:00-16:15 with a 15min break)

+**Mao Saohorn**, Cambodia

+**Hendri Subekti**, Indonesia

+**Singthong Pathoummady**, Lao PDR

+**Yuzaimi bin Mahat**, Malaysia

+**Toe Toe Win**, Myanmar

+**Nathaniel Servando**, Philippines (unable to make / recent flood disaster)

+**Prawit Jampanya**, Thailand

+**Tran Quang Tien**, Viet Nam

5. General Discussion (15:15-16:10)

Moderator: **Rajib Shaw**, Kyoto U.

Rapporteur: **Krishna Pribadi**, ITB

Agenda: + Understanding DRH, are they useful ?

+ What are areas of application ? disaster reduction practice, education, scientific motivation, etc.

+ What should be done for enhancement ?

+ What should be done for dissemination and promoting practical application ?

+ (any other issues proposed)

6. Closing Remarks (16:10-16:15)

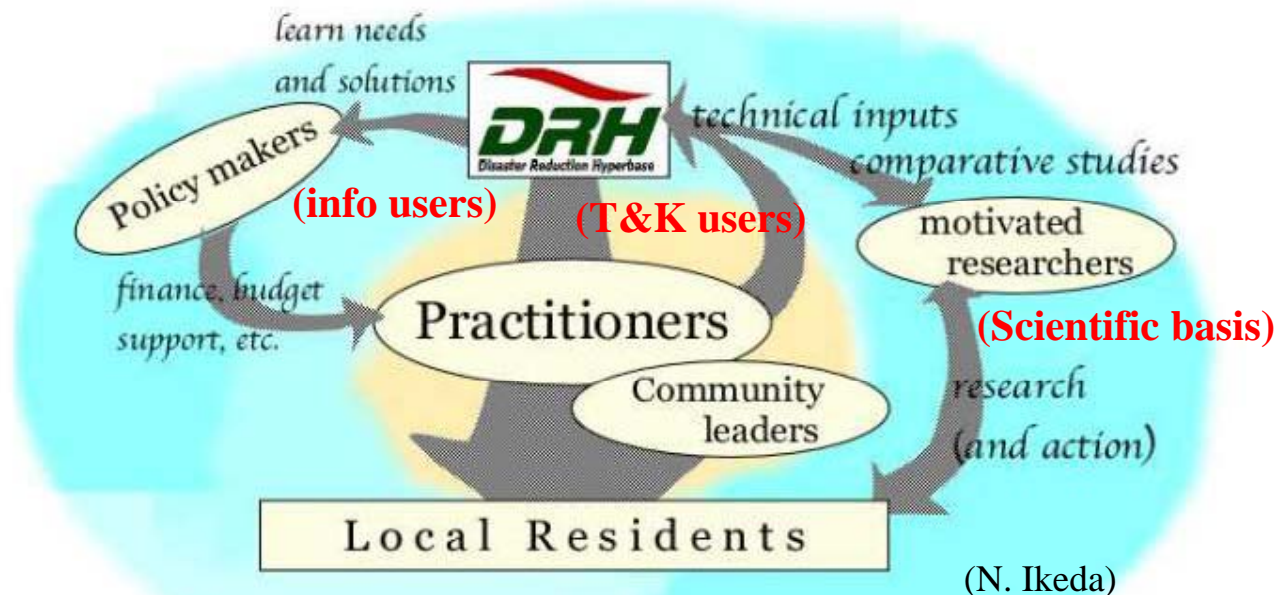
+ **Rajib Shaw**, Kyoto U.

+ **Hiroyuki Kameda**, EDM-NIED

Treatment of your presentation materials

1. We would like to post **all documents presented** at the DRH Consortium and the ASEAN-DRH Session on a **web site at DRH Project Page**. They will be posted in pdf files in downloadable but not editable form. We would like to get **your endorsement** on this. **In cases not**, please contact me and inform so.
2. Bring your presentation files to the computer prepared for presentation in the conference room, and have it installed. **Ms. Miho Tokutake**, DRH Assistant will be in charge.
3. We do not have high quality printers at the meeting venue, so that we can not distribute presentation documents in hard copy in a timely manner. But all the **documents presented on Oct. 12 and 13** will be printed at EDM office on Oct. 14, and will be **distributed to you on Oct. 15** during the Discussion / Resolution Session.

* Expected users of DRH



- * direct users of the technologies/knowledge
- * users of information in DRH

***We welcome your membership registration, and:**

- +Find technologies / DRH Database
- +Propose a technology / DRH Forum
- +Discuss technologies / DRH Forum
- +Access to DRH partners / DRH Links
- +Access to DRH development records / DRH Activities



*Welcome to Kyoto and DRH.
Let us enjoy lively discussion !*