



The 19th IHP Training Course

Water Resources and Water Related Disasters
under Climate Change

- Prediction, Impact Assessment and Adaptation -

Picture Report



The 19th IHP Training Course in Kyoto University

Lecturers

A total of 19 Professors of Kyoto University presented lectures and/or practices

- FUJITA Masaharu (Disaster Prevention Research Institute, Kyoto University)
- HAMAGUCHI Toshio (Disaster Prevention Research Institute, Kyoto University)
- HORI Tomoharu (Disaster Prevention Research Institute, Kyoto University)
- KIDO Yoshinobu (Disaster Prevention Research Institute, Kyoto University)
- KOJIRI Toshiharu (Disaster Prevention Research Institute, Kyoto University)
- KOZAN Osamu (Center for Southeast Asian Studies, Kyoto University)
- MASE Hajime (Disaster Prevention Research Institute, Kyoto University)
- MORI Nobuhito (Disaster Prevention Research Institute, Kyoto University)
- NAKAGAWA Hajime (Disaster Prevention Research Institute, Kyoto University)
- NAKAKITA Eiichi (Disaster Prevention Research Institute, Kyoto University)
- SATO Yoshinobu (Disaster Prevention Research Institute, Kyoto University)
- SUMI Tetsuya (Disaster Prevention Research Institute, Kyoto University)
- TACHIKAWA Yasuto (Graduate School of Engineering, Kyoto University)
- TAKARA Kaoru (Disaster Prevention Research Institute, Kyoto University)
- TAKEMON Yasuhiro (Disaster Prevention Research Institute, Kyoto University)
- TANAKA Kenji (Disaster Prevention Research Institute, Kyoto University)
- TODA Keiichi (Disaster Prevention Research Institute, Kyoto University)
- YAMASHIKI Yosuke (Disaster Prevention Research Institute, Kyoto University)
- YASUDA Tomohiro (Disaster Prevention Research Institute, Kyoto University)

30th Nov ~ 11th Dec 2009

The 19th IHP Training Course in Kyoto University

Participants

A total of 20 participants from 13 countries.
 IHP regular participants: 8 people
 Invited participants: 2 people
 Private participants: 2 people
 Kyoto University participants: 8 people

Countries: Indonesia, Malaysia, Mongolia, Philippines,
 Thailand, Vietnam, Egypt, Iran, Nepal, Brazil,
 India, China, Myanmar

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Registration and Guidance on 30th Nov



Welcome Party



Photo by T.Kojiri

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Lecture on 1st Dec

Assessment of climate change impact on surface energy and water balance

Prof. Kenji Tanaka



Photo by Y.Takemon

Prof. Eiichi Nakakita

Climate change projection, impact assessment and adaptation



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in the classroom



Photo by T. Kojiri and Y. Takemon

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Lecture on 2nd Dec

Numerical analysis of groundwater model under climate change

Prof. Toshio Hamaguchi



Prof. Yasuto Tachikawa



Impact of climate change on river flow regimes in Japanese catchments using GCM hydrologic projections and a distributed rainfall-runoff model

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Lecture on 3rd Dec

Frequency analysis of hydrological extreme events and how to consider climate change

Prof. Kaoru Takara



Prof. Tetsuya Sumi

Flow and sediment regime changes and adaptation by reservoir operation

Photo by T.Kojiri

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Prof. Kaoru Takara broadcasting the lecture on 3rd Dec



Photo by T. Kojiri

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Excursion to the Lake Biwa and Uji River on 5th Dec



Photo by Y. Takemon

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The 19th IHP Training Course Excursion Participant List

No.	Name	Nationality
1	Mr. Haidar Agta Ruzika	Republic of Indonesia
2	Mr. Yuhua Sun	Republic of Indonesia
3	Dr. Madinda Al-Hadi Madani	Malaysia
4	Dr. Adityawati Gungor	Malaysia
5	Ms. Leelita Uthairatana	Republic of Thailand
6	Ms. Srisana Wattanasathien	Kingdom of Thailand
7	Ms. Nigam Young Thong	Kingdom of Thailand
8	Ms. Yu Tai Young Hyun	Republic of Korea
Invited and guest participants		
9	Dr. Mohamed Reza Mahmood Mahmood	Arab Republic of Egypt
10	Dr. Mostafa Mohamed Gabry Mahmood	Arab Republic of Egypt
11	Dr. Saeed Raza Akbarali	Pakistan
12	Dr. Mohamed Raza Pervaiz	Pakistan
Participants from Kyoto University		
13	Dr. Hiromasa Kato	India
14	Mr. Sheng-Hsiang Zeng	Malaysia
15	Mr. Luo Pingping	People's Republic of China
16	Dr. Shizuka Arai	People's Republic of China
17	Mr. Sun Chonghan	People's Republic of China
18	Dr. Shiro Shimizu	People's Republic of China
Organizing staff		
19	Dr. Shiro Shimizu	Japan
20	Prof. Yasuhiko Takemon	Japan

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Lecture on 4th Dec

Basin-scale water quality analysis and water environment evaluation under climate change

Water resource management in the arid region of Central Asia under climate change

Prof. Osamu Kozan

Prof. Yoshnubu Kido

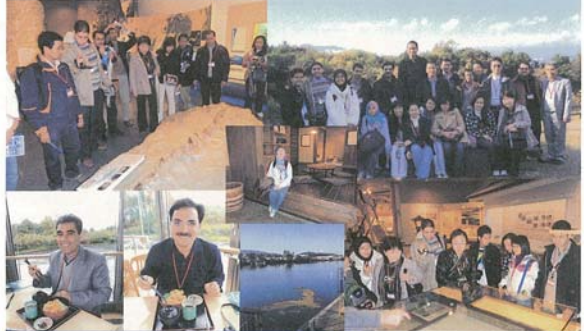


Photo by Y. Takemon

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Excursion to the Lake Biwa and Uji River



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Lecture Scene on 7th Dec

Impact assessment on lake basin environment under the SRES climate change scenarios using Biwa-3D integrated assessment model

Prof. Yasuhiro Takemon



Photo by T. Kojiri

Habitat structure assessment for stream ecosystem impacts under climate change

Prof. Yasuhide Yamashiki

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Lecture and Experiments on 8th Dec

Prof. Masaharu Fujita

"Tsunami propagation and deformation"



"Simulation of slope failures and some important aspects to predict the size, location and timing"

Prof. Tomohiro Yasuda



Photo by Y. Takemon

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Lecture and Experiments on 8th Dec

Prof. Keiichi Toda

"Experiments on natural dam failure"

Prof. Hajime Nakagawa



Photo by Y. Takemon

"Prediction and adaptation measures for water related disasters in urban areas"

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Ujigawa Open Laboratory on 8th Dec

A memorial photo after lecture and experiments

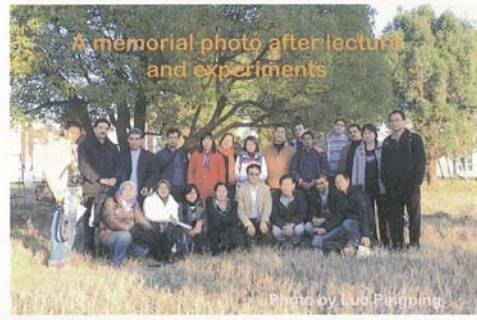


Photo by Luo Pingping

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Practices on 9th Dec

Practice on "Nearshore random wave transformation"

Prof. Hajime Mase

Prof. Nobuhito Mori



Lecture on "Climate change effects on waves, typhoon, storm surges"

Photo by Y. Takemon

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Practices on 9th Dec

Prof. Kenji Tanaka

"Bias detection and correction of GCM output for climate change impact assessment study"



Photo by Y. Takemon

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Practices on 9th Dec

"Practice for impact assessment by a distributed hydrological model using GCM data"

Prof. Yoshinobu Sato

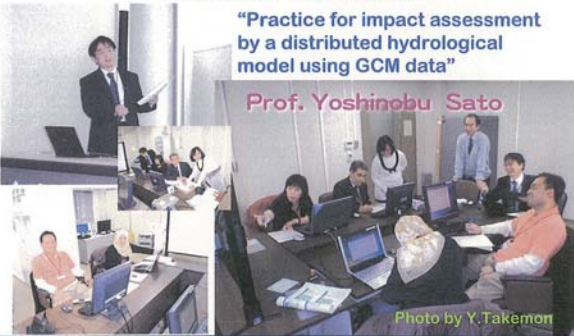


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Prof. Tomoharu Hori

Lecture on 10th Dec

"Modeling of the Interaction between Water Resources and Socio-economic Systems"



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Prof. Toshiharu Kojiri broadcasted the lecture on 10th Dec

Integrated approaches for global warming considering water environment issues



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Supporting staffs

Dr. Saimeh Farzouh



Ms. Saw Ohnmar Han

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Broadcast of the lecture was operated on 3rd and 10th Dec by Dr. Gaku Masuda



Photo by T. Kojiri and Y. Takemon

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Thank you for your attendance and we expect all of you for meeting each other again in the world!



Photo by Y. Takemon

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