



Second International Symposium on **Water Resources and Renewable Energy Development in Asia**

organized by

THE INTERNATIONAL JOURNAL ON
**HYDROPOWER
& DAMS**

with



will take place at the

**Furama Convention Centre, Danang
Central Vietnam, 10-11 March 2008**

- Asia is leading the world in terms of hydropower and water resources development, with major programmes under way in more than 20 countries and plans for new hydro capacity in more than 30 countries.
- Vietnam has been described as the 'New Tiger of Asia'. The Government aims to extend electrification to all urban areas, and to 90% of the rural areas by 2010, and attain 100% electrification by 2020. Electricity demand is forecast to increase by 15-16% by that time, with investments in the country's power industry expected to reach US\$ 20 billion. Hydropower plays a major role in current development activities, with numerous projects under way throughout the country and nearly 5000 MW of new capacity planned. Potential for small hydro in Vietnam is estimated at around 1000 MW, and this will play a major role in rural electrification. Many multipurpose schemes will provide water supply, irrigation and recreational benefits for the population.
- Nearly 700 million people in the Asia-Pacific region still have no access to safe drinking water, and the region suffers a hugely disproportionate level of water-related disasters (which caused about 62,000 deaths per year between 2001 and 2005).
- Following the success of ASIA 2006, which took place in Bangkok in 2006, we are convening the second in this series of Symposia in collaboration with Electricity of Vietnam, with support from:

Electricity of Vietnam (Co-Host of the Symposium) ~ The Ministry of Industry and Energy of Vietnam ~ The Ministry of Rural and Agricultural Development of Vietnam ~ The Mekong River Commission ~ The Vietnam Committee of the Mekong River Commission
The International Commission on Large Dams (ICOLD) ~ The Vietnamese Committee on Large Dams (VNCOLD) ~ The International Commission on Irrigation and Drainage (ICID) ~ The International Energy Agency.



World experts from all parts of the world will make presentations and join debates on all issues of particular relevance to the Asian region. Keynote Addresses will be given by high level experts representing the Government of Vietnam and some neighbouring countries, as well as officers from UNESCAP, ICOLD, ICID, the major international financing agencies.

Themes and Format of Asia 2008

KEYNOTE ADDRESSES

Eminent world experts, as leaders in their respective fields, will share their views on: the way forward in meeting water and energy needs in a sustainable way; benefiting from multipurpose water infrastructure; economics and financing mechanisms; efficiency in agriculture to enhance food security; and social and environmental issues.

SIDE EVENTS

Small Workshop events are foreseen, on specialist topics such as the implications of climate change; project finance; small hydro research; and others.

PAPER PRESENTATIONS

Based on feedback after ASIA 2006, and from members of our International Steering Committee, the following will be the main subject areas for the programme:



Towards meeting development goals

- Review of plans from national authorities in South and East Asia
- Capacity building
- Project preparation; making projects bankable
- The value of integrated regional development
- Tools for project assessment, economic studies and design
- Securing project finance for water and energy infrastructure

Development in harmony with society and the planet

- Planning approaches to avoid conflict: making projects a success locally, regionally and nationally
- Practical aspects of communications with local people
- Options assessment and weighing impacts against benefits
- Low cost mitigation measures for environmental impacts

Technology: towards safe and economic schemes

- Site planning: economy and efficiency in equipment selection; workforce training; health and safety aspects
- Innovative solutions in design and construction
- Materials for dams; experience and recommendations
- Hydro machinery for challenging conditions
- R&D in equipment for renewables
- Grid operation: national and integrated regional systems
- Maintenance and timely refurbishment

Challenging conditions

- Remote sites and extreme climates (hot and cold)
- Tackling complex geology and design for seismic areas
- Hydrology: flood mitigation and management
- Sedimentation: planning and design approaches; experience

Renewable energy

- Appropriate low cost solutions for rural electrification
- Hydro in synergy with other energy sources; Mixed grid systems
- Tidal power: global potential and prospects for large and small schemes
- Carbon trading: what can it offer?

If you would like to submit a paper on any of the above, or related themes, please refer to the form for submission of abstracts, in this Bulletin.





Exhibition and Sponsorship

Developments in South and East Asia offer numerous possibilities for international collaboration in the field of planning, research, consultancy, and the provision of state-of-the-art technology.

A major Technical Exhibition will take place alongside ASIA 2008; companies who are currently working, or plan to work, in the Asian region will have a unique opportunity to display their supplies and services to high level delegations from all Asian countries with water and energy development programmes under way.

The spacious, elegant and modern exhibition halls at the Furama Convention Centre are immediately adjacent to the main auditorium. Refreshment breaks and lunches will take place there on each day of the Symposium. The photographs below are views of some of the Exhibition areas, adjacent to the main auditorium at Furama. The other pictures are views from the ASIA 2006 exhibition in Bangkok.

Stands equipped with basic furniture, panelling and lighting, with a name sign, can be booked in units of 6 m².

Various opportunities are available for sponsorship of refreshment breaks, apéritifs, or other social events. These promotional opportunities can provide delegates with a pleasant souvenir of your company.

For further details, or to obtain a detailed plan of the exhibition halls, contact:

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Submission of Abstracts

The Symposium programme will be based on a combination of: country reports from national authorities in various Asian countries; invited lectures on specialist topics; and, papers submitted in response to this Call for Papers - some of which will be published, and others selected for presentation.

A CD of the Symposium papers will be available for all participants. Some selected papers may also be published in *The International Journal on Hydropower & Dams*

Abstracts of up to 500 words, in English, are now invited on the themes listed or related topics. Please mail, fax or email abstracts to the address below. **A short CV of each author should be included.**

Your abstract should summarize precisely the scope and content of the paper proposed. No artwork is required at this stage. In the case of any project described, please mention its current status or date of completion. If the abstract is sent by email, please incorporate the author's name in the file name.

Please note: abstracts should only be submitted if the author would be able to attend the Symposium (or send a representative). Please obtain any necessary clearance, and check availability to attend before submitting the abstract. Speakers are eligible for greatly reduced registration fees.

If the paper is accepted, you will be asked to sign a form confirming

willingness to attend; it is essential that we receive this undertaking before allocating time for an oral presentation.

The deadline for receipt of abstracts is **Monday 16 July 2007**. Authors will be notified by September 2007 whether or not their paper has been accepted for presentation at the Symposium, or for publication in the Proceedings.

Abstracts will be reviewed by two or more experts on our International Steering Committee, and authors may be asked to modify some aspects of proposed papers. As this review process takes some time, we urge you to submit abstracts promptly (if possible well before the final deadline).

Full papers will be required by **Wednesday 30 January 2008**, and format guidelines will be sent to all authors whose papers are accepted. A hard copy and an electronic file of each final paper will be required. Full papers accepted for the Symposium will be produced on CD.



Water Resources and Renewable Energy Development in Asia

Danang, Central Vietnam, 10-11 March 2008

- I am interested in attending the Symposium as a delegate. Please send further details.
- I attach an abstract for consideration. If it is accepted, I or my representative will attend the conference to present the paper.
(NB: Speakers will be eligible for greatly reduced registration fees, which will cover attendance of the whole event - technical and social programmes - and meals during the Symposium.)
- I intend to submit an abstract by 6 July 2007.
- My organization may wish to participate in the Exhibition. Please send further details.
- I am interested in sponsorship opportunities. Please send details.
- I would like to subscribe to *The International Journal on Hydropower & Dams*.
(When registering as a delegate I wish to take advantage of the reduced registration fees for subscribers)

Name: Position/Dept:

Organization:

Address:

Country: Email:

Fax: (+ int. code) Tel: (+int. code)

Proposed paper topic:

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