The International Symposium on Water Resources and Renewable Energy Development in Asia took place from 30 November to 1 December 2006 at the Montien Riverside Hotel, Bangkok, Thailand. (Side events on 29 November)

(Registration form enclosed)

“The future of the world will be shaped in Asia...”
- André Caillé, President of the World Energy Council, addressing power utility CEOs from the Asia-Pacific region in 2005.

The countries of Asia with the most rapidly developing economies - China, India, Russia, Vietnam - all have major programmes of water resources and renewable energy development underway. Many other countries in Asia have a vast hydroelectric potential waiting to be developed, and an urgent need to accelerate the development of projects.

About 93,000 MW of hydro capacity is under construction now in more than 30 Asian countries, and more than 210,000 MW more is planned to be implemented in the next 10 years or so. International collaboration between many countries in the region is leading to rapid progress, and represents the pathway to sustainable integrated regional development.

Many current issues specific to the Asian region, relating to planning, finance, technology (design, construction, operation and maintenance, safety), environment and stakeholder communications, will be debated by international experts at this Symposium in Bangkok.

Co-host EGAT has a wealth of experience in developing, maintaining and upgrading its own multipurpose dams, hydro stations and pumped-storage plants, as well as helping its neighbouring countries to develop their hydropower resources through power purchase agreements.

The important role of multipurpose dams and renewable energy schemes, particularly hydropower, in social and economic development will be well reflected at the Symposium.

Practical ways to develop potential and accelerate socio-economic development will be discussed in Bangkok.

Supporting Organizations:

[List of supporting organizations]
The development of water infrastructure (such as dams, water-transfer and hydropower projects) has traditionally been a public sector responsibility. Until recently, the financing of such works has been almost exclusively from public sources. However, in many parts of the world the situation is changing, and as public funds come under pressure, the emphasis is shifting towards greater involvement of the private sector in the financing and development of infrastructure projects. The public and private sectors are increasingly being called upon to work together in ways that they have not done in the past.

In the water sector these changes have not been easy, because of the size and complexity of the projects. As a result, private financing has been relatively difficult to access. Part of the problem has been a lack of understanding of the issues arising in what are now often referred to as ‘Public-Private Partnerships’. Many governments have been forced to modify their protocols for private sector involvement in order to attract more interest. But gradually the number of privately financed projects has increased, and there is now a growing pool of experience from which lessons can be drawn.

In 2005 the World Bank commissioned a review of the financing arrangements for a number of water infrastructure projects in developing or transitional economies. The workshop will be conducted by the World Bank staff and consultants who were closely involved with this study.

Who should attend?
The workshop is primarily intended to provide an introduction to the subject for government officials and senior utility company professionals who might be considering alternative means of financing major water infrastructure projects, but who have little prior knowledge of the subject. It will also be of interest to those from the private sector who might become involved in such developments.

Workshop topics
The workshop will cover issues such as:
- Review of recent experience using case studies
- Different perspectives (of the public and private sectors)
- Key issues in the financing of water infrastructure
- Financing instruments
- Risk and risk mitigation
- Where do we go from here?

Who should attend?
The workshop is primarily intended to provide an introduction to the subject for government officials and senior utility company professionals who might be considering alternative means of financing major water infrastructure projects, but who have little prior knowledge of the subject. It will also be of interest to those from the private sector who might become involved in such developments.

To apply to join the Workshop, please complete the form below.

Places are limited

Application to participate at:
WORLD BANK WORKSHOP ON FINANCING WATER INFRASTRUCTURE
29 November 2006, Montien Riverside Hotel, Bangkok

Name: ........................................................................ Organization: ........................................ Country ..................................................

Current position: ........................................................ Summary of current responsibilities: ...................................................

Company Address: ..................................................................................................................................................

Tel (inc. codes): ............................................................. Fax (inc. codes): ........................................................ Email: ....................................................

Reason for wishing to join the Workshop: ................................................................................................................

Please attach a brief CV to your application. A copy of the form and CV can be faxed to: Margaret Bourke, (Aqua Media International): + 44 20 8643 8200; or, a scanned copy, with CV in Word, can be emailed to mb@hydropower-dams.com

Alternatively, send a hard copy by express mail or courier to: Margaret Bourke, Aqua-Media International, Westmead House, 123 Westmead Road, Sutton, Surrey, SM1 4JH, UK. Applications should be submitted by 20 October.
Symposium Overview

All Symposium sessions, side events and evening social activities during the Symposium will take place in the Montien Riverside hotel. Further details of the social activities, accompanying persons’ programme, and technical visits are given on pp 8 and 9.

Wednesday 29 November
Workshop, Seminar, Symposium set-up and registration
08.00 - 18.30 hrs: Symposium Registration  
Grand Ballroom Foyer
From 12.00 hrs: Exhibition set-up  
Chao Praya Room
10.00-17.00 hrs: World Bank Workshop:  
Financing Water Infrastructure (see p2)  
Vimarnthip Room
15.00 - 17.00 hrs: British Hydropower Association Seminar:  
UK Renewable Energy Policy: a model for SE Asia?  
Tarnthong Room (see p4)
14.00 to 17.00 hrs: Optional river trip  
(Visit, by river, to Bangkok Temples)
19.00 hrs: Chairmen’s Meeting  
Mae Klong II Room
19.30 hrs: Speakers’ Briefing and Welcome Cocktail  
Sala Rimnam (Riverside Terrace)
(remainder of evening free to dine in Bangkok or visit the Night Market)

Thursday 30 November
Symposium and Exhibition
08.30 hrs Opening Addresses  
(EGAT, MRC, ICOLD, ICID, IWRA)  
(09.30 hrs: Coffee Break)
10.00 hrs: Session 1 (Plenary)  
Keynote Addresses from UNESCAP and FAO  
Overview presentations and Country reports  
Grand Ballroom
12.30 hrs: Lunch  
Chao Praya Room (Exhibition)
14.30 hrs: Session 2 (Parallel)  
Social and Environmental Sustainability  
Grand Ballroom
14.30 hrs: Session 3 (Parallel)  
Large Construction sites - Safety and efficiency  
Tarnthong Room
14.30 hrs: Session 4 (Parallel)  
Power systems: technology, innovation, operation  
Vimarnthip Room
17.30 hrs: End of Sessions
18.45 hrs: Welcome Aperitif and Concert  
19.45 hrs Buffet Supper

Friday 1 December
Symposium and Exhibition
09.00 hrs: Sessions 5 (parallel)  
Electro-mechanical equipment  
Vimarnthip Room
09.00 hrs Sessions 6 (parallel)  
Dam engineering: Materials and construction  
Tarnthong Room
09.00 hrs Sessions 7 (parallel)  
Project finance; Economics; Carbon finance  
Grand Ballroom
12.30 hrs: Lunch  
Chao Praya Room (Exhibition)
14.30 hrs Sessions 8 (parallel)  
Regional collaboration  
Tarnthong Room
14.30 hrs Sessions 9 (parallel)  
Dam safety and flood management  
Grand Ballroom
14.30 hrs Sessions 10 (parallel)  
Small hydro and rural electrification  
Vimarnthip Room
17.00 hrs Conclusions and Recommendations
20.00 hrs Symposium Dinner  
hosted by EGAT

Saturday 2 December: Technical Study Tours depart to visit water resources development schemes in Thailand (one-day or two-day options), and Myanmar (see p7).

International Steering Committee

S. Alam, Consultant, France  
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Dr E. Bellendir, Director, VNIIG, Russian Federation  
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Dr Do Duc Quan, Deputy Director, Ministry of Industry, Vietnam  
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Dr Malcolm Dunstan, Director, MD&A, UK  
Dr Peter Lee, President, ICID  
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B. Leyland, Consultant, New Zealand  
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Dr Peter Lee, President, ICID  
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J. Plummer, South Asia Infrastructure Unit, World Bank  
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Kwan Sitatani, Vice President, Civil Maintenance Division, EGAT  
Dr S. Sparkes, Multiconsult, Norway/Laos  
Dr Sompop Sucharit, Managing Director, Hydropower Development, Thailand  
B. Tardieu, CEO, Coyne et Bellier, France  
Watana Thongsiri, Executive Vice President Hydro Power Plant, EGAT  
B. Tribollet, CEO, Nam Theun 2 Power Co., Laos  
M. S. D. Tsou, Chairman, RAO UES, Russian Federation  
C. J. Varma, President, AESIEAP, India  
Prof D. A. Williams, CEO, British Hydropower Association UK
Who Should Attend

Planners, owners and operators of dams and hydro plants in all parts of Asia; Renewable energy specialists (hydro, tidal, pumped-storage; wind and solar power); Design and consulting engineers, including specialist consultants; Contractors and experts in special construction techniques; Financiers, economists, development agencies; Scientists and researchers in fields such as hydrology, geology, sediment management; Environmental and social scientists; Equipment suppliers for dams and powerplants.

Symposium Objectives

To encourage a constructive exchange of experience between international experts on issues relating to: economic and efficient water resources development schemes; innovative and low-cost construction techniques; integrated regional development; economic and efficient exploitation of renewable energy potential; conflict avoidance through effective public awareness strategies.

To reach practical conclusions and enhance international collaboration, foster partnerships, and improve prospects for the timely implementation of new projects to further social and economic development in the Asian region, and to contribute to poverty alleviation in the less developed Asian countries.

The Venue

Bangkok, with easy direct access from all parts of the world, and particularly from the Asian countries, is an ideal venue for discussions on the Symposium topics. The luxurious Montien Riverside hotel is on the banks of the Chao Praya river, not far from the business district of Bangkok. It is equipped with modern and spacious conference and exhibition facilities.

Side Event: British Seminar

The British Hydropower Association, in conjunction with UK Trade & Investment and the Department of Trade & Industry, are bringing British companies from the UK renewable energy sector to hold a seminar on Wednesday 29 November 2006 (15.00-17.00 hrs).

Key speakers from all renewable energy technological fields are being invited to present their expertise, and the benefits the UK can provide to the global marketplace.

For more information on how to be involved, please contact:
Ms Ellan Parry, British Hydropower Association
Unit 12, Riverside Park, Station Road, Wimborne, Dorset BH21 1QU, UK
Email: info@british-hydro.org   Tel: +44 1202 886622  Fax: +44 1202 886609
Thursday 30 November - Morning
(Plenary Session)

Welcome Addresses
Mr Kraisi Karnasuta, Governor of EGAT, Thailand
Ms Alison Bartle, Aquar-Media International, UK

Opening Addresses
Dr Olivier Cogels, CEO, Mekong River Commission
Prof Luis Berga, President, International Commission on Large Dams
Dr Peter Lee, President, International Commission on Irrigation and Drainage
Dr Aly Shady, President, International Water Resources Association

Session One (Plenary)
Water and energy schemes: Role, potential and development needs
Chairman: Dr G. Cogels, CEO, Mekong River Commission, Laos

Keynote Address: Regional perspectives of water resources and hydropower development in Asia - Rae Kasmung, Director of Environment and Sustainable Development Division, UNESCAP

Keynote Address: The role of water resources development in relation to food security - Thierry Facon, Food and Agriculture Organization of the United Nations, Italy

The critical role of storage for the productive use of water - Dr Peter Lee, President, ICID

The role of dams in the XXI Century - E Lembéréière, ICOLD Committee on Governance of Dams

Hydro Potential of the Lower Mekong river basin - Dr Dao Trong Tu, Mekong River Commission, Laos

Overview of world hydro development and its role in social and economic development – A. Bartle, Aqua-Media International, UK

Achievements and challenges for the electricity supply industry in Southeast Asia – C. I. J. Varma, President, AESLP, India

Country reports, including:

- National hydropower plan study for Vietnam - G. Lifsomborg, SWECO International
- Overview of water resources development in Myanmar - U Win Khaung, Ministry of Electric Power, Myanmar
- Hydropower in the energy basket of Iran - Dr R. Ardashanian

Thursday 30 November - Afternoon

Session Two (Parallel)
Social and environmental sustainability
Chair: Lori Nielsen, Joint-Secretary, International Energy Agency

Keynote Address: Renewable energy: an effective source of socioeconomic and environmental transformation – Dr Junak L. Karmacharya, Ministry of Water Resources, HM Government of Nepal

Keynote Address: Managing sedimentation to ensure hydro sustainability – S. Alam, Independent Consultant, France

Environmental aspects and case studies

- Assessment of environmental flows: A case study of Nathpa Jhakri hydropoject, India – P. Kumar, Dr U.C. Chauke, Dr S.K. Mishra, IIT Roorkee, India
- Environmental effects of the Sefid Rud multipurpose scheme in Iran – Prof A. Taher-Shamsi, Amirkabir University of Technology, Iran
- Environmental and economic advantages of using the energy potential of water treatment waste – N.I. Pluzhnik, Siberian Branch of Russian Academy of Sciences, Russian Federation

The human face of development: social issues

- Approach to rehabilitation, resettlement and compensation: The case of Harsud in India – D.C. Tripathi, Chief-Geology and Environment, NHPC Ltd, India
- Positive impact on socio-economic and environmental impacts of the Kalinadi project, India – M. Rao, Executive Director, Karnataka Power Corporation Ltd, India
- The value of talking with NGOs: A case study – Dr R. Zosahlen, Pöyry Energy Ltd, Switzerland
- Planning with people: Nam Theun 2 consultations and resettlement – Dr S. Sparhæs, Norconsult, Norway/Laos

Session Three (Parallel)
Large construction sites: managing efficiency and safety
Chairman: Dr M.R.H. Dunstan, Malcolm Dunstan & Associates, UK

Planning for an efficient site

- Construction equipment for water resources projects: getting it right first time – T.W. Read, TMI & Associates, UK
- Remote sensing techniques to review project layout alternatives at the feasibility stage: Case study of Gabral-Kalam, Pakistan – S.M. Palt, Fichtner GmbH & Co Kg, Germany; T. Werner, Greenlab Geoinformatics, Germany; A. Hussain, Poertoorgt 19, Pakistan; N. Feerasta, Seat Hydropower Ltd, Pakistan
- Construction aspects of Nam Theun 2 in Laos – J-M. Descyven, Electricité de France, France

Materials handling

- Trial mix and full-scale trials at Yeywa, and overview of concrete production and cooling plant – E Ortega S, FOSCE, Germany; U Aung Zaw Naing, U Khin Htay and U Maung Oo, Ministry of Electric Power, Myanmar; K. Knoll, Liebherr, Germany
- Handling and transporting construction materials on site – Dr D.G. Kedkado, Jaiaprakash Hydro Power Ltd
- Pre-cooled mass concrete on dam projects in hot climates – P. Kuczynec, KTI-Persch Kältetechnik, Germany

Session Four (Parallel)
Power systems: technology, innovation and synergy
Chairman: Niels Nielsen, Joint-Secretary, International Energy Agency

Tidal, in-stream and low head hydropower

- Large offshore tidal power plants in 1000 TWh/year for the future? – E Lembérieire, Hydro Co-op, France
- 40 years’ experience of tidal power development in Russia – I.N. Usachev, Scientific Research Institute of Energy Structures, Russian Federation
- Kalpassar – a unique project for water and renewable energy – B.M. Rao and Dr M.B. Joshi, Government of Gujarat, India
- Hydraulic model studies for the low head Ta Sang plant – Swarrn Champa and Bantoung Sahdan, GMS Public Power Company, Thailand
- Kinetic energy for pico/micro hydro turbines: development and demonstration project for rural electrification – Dr S.M. Bhutta, Technical Advisor, Alternative Energy Development Board, Prime Minister’s Secretariat, Pakistan
- The potential of tidal current energy and in-stream flow technology for South East Asia’s energy future – N. Nielsen, Joint Secretary, International Energy Agency - Implementing Agreement for Hydropower Technologies and Programmes

Synergy between energy sources: Operational planning and experience

- Application of the HTCOM model in a mixed hydro/thermal system – Dr R. Ardashanian, Iran
- The role of pumped-storage and current operating experience in the Philippines – M. Yasuda, Chief Officer for O&M, and R. Suzuki, VP for O&M, CBK Power Company Ltd, The Philippines

Friday 1 December - Morning

Session Five (parallel)
Electro-mechanical equipment for hydro schemes
Chairman: Philippe Richer, Nam Theun Power Company Ltd, Laos

Hydraulic machinery

Keynote Address: Challenges and key developments in the field of hydraulic machinery - J. Gummer, Hydro Consult Pty Ltd, Australia

- Requirements for large Francis machines and the latest experiences of Alstom – J.M. Henry, P. Eberle and P. Caillau, Alstom Power Hydro, France
- Safety and life cycle aspects in modernization and upgrading projects – T. Weiss, Andritz-VA TECH Hydro, Switzerland
- Cost-effective and favourable technology solutions for high-head Francis Turbines, recent examples in Asia – A. Wedmark and B.L. Brateng, GE Energy, Norway
Friday 1 December – Afternoon
Session 8 (Parallel)
Regional Collaboration: Achievements and Challenges
Chairman: Nipon Piensuptra, Director, Hydro Power Engineering Division, Electricity Generating Authority of Thailand
- Role and overview of the Nam Theun 2 scheme in Laos – B. Tribollet, CEO, et al, NTPC, Laos
- Renewable energy potential and development: Shared waterways and binational collaboration – Dr T. Menniken, University of Priedburg, Germany
- Plans for power trading and regional development in the South Asian region – H. Saran and S.K. Dubey, PTC India Ltd
- Problems of transborder river management in the Aral Sea area – Prof. S.R. Batullin, Scientific Research Institute of Water Economy, Rep. of Kazakhistan
- Multisectoral collaboration on water use in Central Asia – Prof. V.A. Dukhovny, A.G. Sorokin and D.R. Zignashina, Interstate Commission for Water Coordination in Central Asia, Uzbekistan

Session 9 (Parallel)
Dam safety and Flood management
Chairman: Dr Harald Kreuzer, Colenco Power Engineering Ltd, Switzerland

Safety criteria and guidelines
Keynote Address: Criteria governing the establishment of dam safety guidelines – Dr Harald Kreuzer, Colenco Power Engineering, Switzerland

Flood prediction, management and mitigation
Keynote Address: Dams and sustainable flood management – Prof Luis Berga, Polytechnic University of Catalonia, Spain; and President of ICOLD
- New approaches to flood management – F. Lempérière, Hydro Co-op, France
- AWARE-FMS: A flood forecasting system applied to northeastern Thailand – C. Guillam, SNC-Lavalin, Canada; S. Mamuy, SNC-Lavalin, Thailand; Chatchai Boonlue, RID, Thailand
- Flood forecasting system for the Mekong river basin – Dr Chusit Asirunananukul, MRC Regional Flood Management and Mitigation Centre, Cambodia

Hydrology and Flood discharge works
Rainfall analysis for the catchment of Ubol Ratana dam – A. Meethom, EGAT, Thailand
- Improving safety and increasing storage capacity at existing irrigation dams in Thailand – S. Lacroix, Hydroplus International, France

Session 10 (Parallel)
Small hydro: Experience, opportunities and challenges
Chairman: Prof David Williams, CEO, British Hydropower Association, UK

Keynote Address: Rural electrification: how to do it better and cheaper - B. Leyland, Consultant, New Zealand
- Key issues related to small-scale hydropower promotion in the ASEAN region – A. Arvis, Managing Director, Enerc AG, Switzerland; R. Ritten, Principal Advisor of the ASEAN-German Mini Hydro Programme, GTZ, Germany
- The Small Hydro Master Plan in northern Laos: contribution to rural electrification – I. Arvis, Chief Hydropower Engineer, Nippon Keizai Co Ltd, Japan; Chansangchoung Poungnong, Head of Hydro Planning Division, Ministry of Industry and Handicrafts, Laos
- Status and prospects for small hydro development in Korea – Gwang-yong Han, Kwater, Rep of Korea
- Managing risks of small hydro development: Experience in Sri Lanka – Prof. N. Nanayakkara, University of Moratuwa, Sri Lanka
- Sustainability enhancement of micro hydro plants by integrating them with irrigation facilities in Nepal – Prof. R.P. Singh, Dept of Electrical Engineering, Tribhuvan University, Nepal
- Small hydro development at Khlong Tha Dan dam, Thailand – Nisut Ratanasenakul and Wikoon Pontegpuepathan, EGAT, Thailand
- Monthly flow duration curve for planning small hydro in the Salawin river basin, Thailand – Panmathat Rojanamorn, Thaweep Chaisomboon and Winyong Rattanapanichit, Sirindhorn Institute of Technology, Thailand
- The Very Low Head turbo-generator for ultra low head waterfalls – M. Leclerc, MJ2 Technologies S.a.r.l., France

Closing Plenary Session: Conclusions and Recommendations
**THAILAND**

Co-hosted by the Royal Irrigation Department and EGAT, this two-day tour will visit one of the world’s largest RCC dams, due for inauguration by HM King Bhumibol of Thailand later this year, as well as a major pumped storage installation. (Alternatively participants may join the first part of the trip only, as a one-day excursion.)

2 **December**: Early departure from the Montien Riverside hotel for journey by coach to Nakorn Nayok. Arrival around **10.00 hrs** at the Khun Dan Prakarnjol (formerly Tha Dan) RCC dam, owned and operated by the Royal Irrigation Department. With a volume of $5 \times 10^6$ m$^3$ this recently completed 93 m-high dam is one of the world’s largest RCC structures. The principal purpose is irrigation, but EGAT now plans to install a small hydro scheme at the dam. There will be a technical briefing and tour of the facility, followed by a picnic lunch in the area of the dam site. In the afternoon, travel back to Bangkok; those continuing for the second day will take an early evening flight to Chiang Mai (**17.15 hrs**). Evening: Participants will be welcomed at a local restaurant for ‘Kantoke’, which is a typical northern Thai dinner. This will be accompanied by dance performances. Overnight stay at the Empress Chiang Mai hotel.

3 **December**: After breakfast at the hotel, depart for the Elephant Conservation Centre in Hang Chat, Lampang. Visit to the Centre, to see a demonstration of the elephants at work. Depart for Tak, to visit Bhumibol dam and pumped-storage plant. Lunch and guide tour around the Bhumibol facility. The 535 MW hydro plant was upgraded in the 1990s, with the addition of a 175 MW reversible pump-turbine (Unit No. 8). Departure in the afternoon for Sukhothai. Visit to the Sukhothai National Park, the site of the first capital of Thailand (1238-1350 AD). This is classified as a UNESCO World Heritage Site. Ancient stupas (Buddhist shrines) and a spectacular waterfall can be viewed in the park. Transfer in the late afternoon (with fruit and snacks en route) for Phitsanulok airport, for a **19.35 hrs** departure to Bangkok. Arrival in Bangkok at **20.20 hrs**.

**MYANMAR**

Co-hosted by Myanmar’s Ministry of Electric Power, this three-day trip will take participants to the country’s largest RCC dam under construction, which will have a 790 MW hydro plant. All tours include cultural and touristic elements.

2 **December**: Early morning flight from Bangkok to Yangon. Visit to the city’s largest temple, lunch, and a short time for shopping. Onward flight in the afternoon to Mandalay. Walk to watch the sun set over Mandalay Hill. Dinner with a cultural show, and overnight stay at the Mandalay Hill Resort.

3 **December**: Drive to the Yeywa dam. Technical briefing and tour of the site of the dam and hydro plant. The 132 m-high dam will have an RCC volume of $2.6 \times 10^6$ m$^3$, and the powerplant will have an installed capacity of 790 MW. Evening flight to the ancient city of Bagan, for dinner and an overnight stay at the Thiripyitsaya Sakura hotel.

4 **December**: Visit to the site of the natural pozzolan quarry, a valuable resource for Myanmar and neighbouring countries (especially for future RCC dams in the region). Material from this site is currently being used for Yeywa dam. Visit to nearby Mount Popa, with a spectacular view of the temple perched on top of an extinct volcano. Return to Bagan for lunch, and a rare opportunity to visit some of the many thousands of unique temples in the ancient city. Evening flight from Bagan to Yangon, connecting with an onward flight to Bangkok; arrival at **21.25 hrs**.

(Both Tours are subject to minimum numbers of participants. To express interest, please tick the relevant box on the back page of this brochure.)
Accompanying Persons’ Tours

For accompanying persons, a full programme is being arranged, including: a full-day course in Thai cookery (starting with the purchase of ingredients in the market with an expert advisor, tuition at the famous Blue Elephant Cooking School located in a century-old Sino-Portuguese style mansion house, and lunch - including the dishes created during the class); visits to temples, a floating market and a rose garden; and, a trip to the traditional Thai house (now a museum) of Jim Thompson (known as the ‘Father of Thai Silk’). There will naturally also be wonderful opportunities for shopping.

Social and Cultural Programme

A social programme is being organized, including a Concert by the Thai Youth Orchestra and a Reception by the Chao Phraya river, to welcome the Symposium participants; the Conference Dinner will be hosted by EGAT. An optional excursion by boat to visit three of the most important temples in Bangkok will be available for all participants on the afternoon of 29 November. The social events will enable delegates to continue technical discussions in a relaxing environment, while experiencing Thai hospitality, culture and fine cuisine. Refreshments and buffet lunches will be available for all participants during the Symposium, in the Exhibition area.

Official Carrier

Favourable air fares have been arranged for Symposium participants using our Official Carrier: Thai Airways (which operates direct connections to Bangkok from capital cities throughout the world). Please contact your local office of Thai Airways for details. Local office contact details can be found on the website: www.thaiair.com

When contacting the airline, please quote the following code: TG0611070 and mention ‘Symposium on Water Resources and Renewable Energy’ to obtain the best fare available to travel to Bangkok.

Contact Details

Mrs Margaret Bourke / Mrs Maria Flintan, Hydropower & Dams, Aqua Media International Ltd,
Suite 34, Westmead House, 123 Westmead Road, Sutton, Surrey, SM1 4JH, UK
Fax: + 44 (0)20 8643 8200 • Tel: + 44 (0)20 8643 5133 • Email: bkk2006@hydropower-dams.com
For more information visit: www.hydropower-dams.com
A Technical Exhibition will take place alongside the Symposium, in the elegant Chao Praya Room of the Montien Riverside Hotel. This will give hydro experts (international consultants, owners and operators, researchers and manufacturers) the opportunity to demonstrate their expertise to the international participants.

This will provide a unique opportunity to meet key decision-makers from countries of the world with the greatest plans for water resources development schemes, including hydropower.

All lunches and refreshment breaks throughout the event will be served in the Exhibition area, to ensure that participants have plenty of time to view Exhibits during the two days.

The exhibition plan below shows the booked/reserved stands. Exhibition space is sold in units of 6 m², and includes paneling, a table, two chairs, spotlights, flooring and a company name sign. The price for one stand (6 m²) is US$2400.

Various opportunities will be available to sponsor social activities, such as apéritifs, lunches, and coffee breaks. This can be a pleasant and memorable way of bringing your organization to the attention of the international participants.

To receive further details of the exhibition and/or sponsorship opportunities, please contact:
Mr Gaël Bozec or Mr Paul Tinton at: Tel: +44 20 8288 9009 • Email: sales@hydropower-dams.com
Or return the form to: ASIA 2006, Aqua-Media International Ltd, Westmead House, 123 Westmead Road, Sutton, Surrey SM1 4JH, UK or Fax: +44 20 8643 8200 • Website: www.hydropower-dams.com

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<td>Colenco Power Engineering Ltd, Switzerland</td>
<td><a href="http://www.colenco.ch">www.colenco.ch</a></td>
</tr>
<tr>
<td>Durham Geo Slope Indicator, USA</td>
<td><a href="http://www.dgsi.info">www.dgsi.info</a></td>
</tr>
<tr>
<td>Geokon Inc, USA</td>
<td><a href="http://www.geokon.com">www.geokon.com</a></td>
</tr>
<tr>
<td>GTG Sediment AS, Norway</td>
<td><a href="http://www.gtgediment.no">www.gtgediment.no</a></td>
</tr>
<tr>
<td>Hydroplus, France</td>
<td><a href="http://www.hydroplus.fr">www.hydroplus.fr</a></td>
</tr>
<tr>
<td>Hydrolink, Czech Republic</td>
<td><a href="http://www.hydrolink.cz">www.hydrolink.cz</a></td>
</tr>
<tr>
<td>Hydroplus, France</td>
<td><a href="http://www.hydroplus.com">www.hydroplus.com</a></td>
</tr>
<tr>
<td>KINEMETRICS, Inc., USA</td>
<td><a href="http://www.kinemetitics.com">www.kinemetitics.com</a></td>
</tr>
<tr>
<td>KTI-PLERSCH Kältetechnik GmbH, Germany</td>
<td><a href="http://www.kti-plersch.com">www.kti-plersch.com</a></td>
</tr>
<tr>
<td>Liebherr-Mischtechnik GmbH, Germany</td>
<td><a href="http://www.liebherr.com">www.liebherr.com</a></td>
</tr>
<tr>
<td>Mekong River Commission, Lao PDR</td>
<td><a href="http://www.mrcmekong.org">www.mrcmekong.org</a></td>
</tr>
<tr>
<td>Minova Carbotech GmbH, Thailand</td>
<td><a href="http://www.minova-ct.com">www.minova-ct.com</a></td>
</tr>
<tr>
<td>OM Metals Infraprojects Ltd, India</td>
<td><a href="http://www.ommetals.com">www.ommetals.com</a></td>
</tr>
<tr>
<td>Power Testing Products Co, Ltd, Thailand</td>
<td><a href="http://www.poyry.com">www.poyry.com</a></td>
</tr>
<tr>
<td>Power Testing Products Co, Ltd, Thailand</td>
<td><a href="http://www.poyry.com">www.poyry.com</a></td>
</tr>
<tr>
<td>Pöyry Energy Ltd, Switzerland</td>
<td><a href="http://www.poyry.com">www.poyry.com</a></td>
</tr>
<tr>
<td>Rascor International AG, Switzerland</td>
<td><a href="http://www.rascor.com">www.rascor.com</a></td>
</tr>
<tr>
<td>Rittmeyer Ltd, Switzerland</td>
<td><a href="http://www.rittmeyer.com">www.rittmeyer.com</a></td>
</tr>
<tr>
<td>Soil Instruments Ltd, Australia</td>
<td><a href="http://www.soil.co.uk">www.soil.co.uk</a></td>
</tr>
<tr>
<td>Sika Ltd, Thailand</td>
<td><a href="http://www.sika.co.th">www.sika.co.th</a></td>
</tr>
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<td>TMI Associates, UK</td>
<td></td>
</tr>
</tbody>
</table>

### Exhibition stands sold (early October 2006)

**Stand Layout**

- Stands available: US$ 2400
- Reserved stands

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### Lunch and refreshments area

- **Main Entrance**
- **Reserved stands**
- **Lunch and refreshments area**
- **Stands available: US$ 2400**
**International Symposium**

**Water Resources + Renewable Energy Development in Asia**

**BOOKING CONDITIONS**

The Symposium *Water Resources and Renewable Energy Development in Asia* is organized jointly by *The International Journal on Hydropower & Dams* and *NetWork Events Ltd.*

**Registration and Payment**
The total fees for Symposium registration, accompanying persons’ programme, accommodation, technical excursion and study tour (if applicable) should be calculated and totalled in the “Total US$” column on the second page of the registration form.

Payment can be by credit card or bank transfer. Once your booking form is received, you are liable for full payment or cancellation fees.

- If you are paying by bank transfer, the form can be faxed to NetWork Events Ltd (please attach a copy of the bank transfer instruction). All bank charges must be paid by you.
- If you are paying by credit card, we can accept Visa or Mastercard (we regret that we do not accept payment by American Express, Maestro or Diners Card).

You can also register on-line at www.networkevents.ltd.uk/events/BKK2006. A letter and invoice showing confirmed reservations and the total cost will be mailed to you with your hotel details.

**Accommodation**
The conference organizers have reserved accommodation in the hotel where the Symposium will be held (superior 4*) and also in other hotels including 3* categories. Please indicate on the registration form the type of hotel and room you require: single occupancy (one person), double-occupancy (two persons), and your check-in and check-out dates. Rooms will be allocated on the basis of category requested. All payments for accommodation booked by the Symposium Secretariat must be paid in advance to NetWork Events Ltd. The Symposium Secretariat must be paid in advance to NetWork Events Ltd.

For enquiries concerning registration and accommodation, contact:

For further details of the programme, please contact:

**CONTACT DETAILS**

For enquiries concerning registration and accommodation, contact:

**Mr Miles Halton**, NetWork Events Ltd, The Old Manor House, Compton, West Sussex PO18 9EX, UK

Tel: +44 (0)23 9263 1331 Fax: + 44 (0)23 9263 1797

Email: bkk2006@networkevents.ltd.uk

NB: Registration forms and payment should be sent to NetWork Events Ltd.

**On-line registration at: [www.networkevents.ltd.uk/events/bkk2006](http://www.networkevents.ltd.uk/events/bkk2006)**

For further details of the programme, please contact:

**Mrs Margaret Bourke or Mrs Maria Flitnan at:**

*Hydropower & Dams*, Westmead House, 123 Westmead Road, Sutton, Surrey SM1 4JH, UK.

Tel: + 44 (0)20 8643 5133 Fax: + 44 (0)20 8643 8200

Email: BKK2006@hydropower-dams.com

**Website: [www.hydropower-dams.com](http://www.hydropower-dams.com)**

**A reduced registration fee is available for current subscribers to *Hydropower & Dams.***
**REGISTRATION FORM**

**Water Resources + Renewable Energy Development in Asia**

**Montien Riverside Hotel, Bangkok; 30 November + 1 December 2006 (Tours 2-4 December)**

*(Deadline for early booking discount: 23 October 2006)*

This registration form is a self-billing order form, which should be sent to NetWork Events Ltd with payment for all items booked on the form. By completing this form you are agreeing to the Booking Conditions within this brochure. Fees are payable in US Dollars (US$). Each Symposium/Exhibition participant should complete a separate form.

**PLEASE COMPLETE THE FORM IN CAPITAL LETTERS, AND EMAIL A PORTRAIT PHOTO (JPEG FORMAT) TO BE USED ON A PHOTOBOARD AT THE CONFERENCE**

**Title (Mr/Ms/Mrs/Dr/Prof/etc):**

**Given name:**  
**Family name:**  

**Name as it should appear on your badge/in correspondence:**

*ie, Mr John BROWN or Mr LI Jishang*

**Job title within Organization:**

**Organization:**

**Organization's postal address (inc. post code and country):**

**Tel (inc. country code):**  
**Fax (inc. country code):**

**Email address:**  
**Web site:**

**Data Protection:**

- [ ] I do not wish my email address to be passed to any third party
- [ ] I do not wish any contact details to be passed to a third party

**FEES**

**FULL PARTICIPANT FEE:** Includes attendance of Symposium and Exhibition; documentation and CD of papers; morning and afternoon refreshments; lunches during the Symposium; social programme.

<table>
<thead>
<tr>
<th>Until 23 Oct 06</th>
<th>From 24 Oct 06</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>US$ 750</td>
<td>US$ 850</td>
<td></td>
</tr>
</tbody>
</table>

**REDUCED PARTICIPANT FEE:** For subscribers to *Hydropower & Dams*

- *H&D Subscription No: ____________________________
  - I would like to order a new subscription to *H&D* now and take advantage of the discount  

**SPEAKER FEE:** Includes all facilities described above for Full Participants, plus additional reception on 29 November. NB: This fee applies to one person per paper (main author or presenter)

<table>
<thead>
<tr>
<th>US$ 495</th>
<th>US$ 495</th>
</tr>
</thead>
</table>

**FIRST EXHIBITOR FEE:** (One full participant fee is included with exhibition booking)

- Stand No: _______________  
  - Free of charge

**SECOND EXHIBITOR FEE:** (Covers attendance of Symposium sessions, CD of Symposium papers, evening social programme and lunches)

- Stand No: _______________

**EXHIBITOR ASSISTANT FEE:** (Includes exhibition attendance, lunches, refreshments and evening social programme, but not attendance of the conference sessions)

- Stand No: _______________

**ACCOMPANYING PERSON FEE:** (For family members or friends not attending the Symposium)

- Name to appear on badge (inc. title Mr/Mrs/Miss/Dr/etc): ________________________________
  - US$ 330

**PRE-SYMPOSIUM RIVER TRIP TO TEMPLES** (Wednesday 29 November)

- Depart 14.00 hrs from Montien Riverside Hotel by private boat; travel upstream to visit Grand Palace and Emerald Buddha Temple. Return to hotel at 17.00 hrs. Includes entrance fees.
  - I wish to book _______ seats at US$ 35 per person

**DIETARY REQUIREMENTS**

- Participant: Vegetarian meals required  
  - Other dietary requirements / special needs ________________________________

- Accompanying Person: Vegetarian meals required  
  - Other dietary requirements / special needs ________________________________

**PLEASE TOTAL THE COSTS ON THIS PAGE AND CARRY THEM OVER TO THE SECOND PAGE**
**SUB-TOTAL OF FEES CARRIED OVER FROM PREVIOUS PAGE**  

**ACCOMMODATION**  
(Please refer to Booking Conditions on next page)  
The Symposium sessions, Exhibition, World Bank Workshop and evening functions will be held at the Montien Riverside Hotel (4* superior). Bedrooms have been reserved for participants at this hotel. Some rooms are also reserved at nearby hotels. Please indicate the category of room you require (rates are per room per night, and include breakfast, service, tax).

<table>
<thead>
<tr>
<th>SOLE USE BEDROOM WITH PRIVATE BATHROOM</th>
<th>TWIN OR DOUBLE ROOM WITH PRIVATE BATHROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>(for one person)</td>
<td>(for two persons)</td>
</tr>
<tr>
<td>☐ 4* Superior hotel, standard room</td>
<td>☐ 4* Superior hotel, standard room*</td>
</tr>
<tr>
<td>☐ 3* Superior hotel, standard room</td>
<td>☐ 3* Superior hotel, standard room</td>
</tr>
<tr>
<td>☐ 3* Standard hotel, standard room</td>
<td>☐ 3* Standard hotel, standard room</td>
</tr>
</tbody>
</table>

| Check-in date: .......... November 06 | Check-out date: .......... December 06 | Total number of nights: .......... |

**Special requests (eg, non-smoking room):** 

Twin occupancy: Name of partner: ..........................................................................................................................

(If you wish to share a room with another delegate, then you must both request the arrangement, and both send registration forms to NetWork Events Ltd at the same time. Only one person should make the payment for the hotel.)

**WORLD BANK WORKSHOP on 29 November - see back of this leaflet for details**  
I would like to apply for a place at the World Bank Workshop, and will attend if my application is accepted  
☐ (Please tick box)

(No additional fees are payable for accepted applicants)

**TECHNICAL TOURS**  
See brochure for details of itineraries. Prices include all transportation (inc. air fares where applicable), meals, guides, entrance fees during sightseeing trips, and accommodation in 3* or 4* hotels.

<table>
<thead>
<tr>
<th>Country</th>
<th>Itinerary</th>
<th>Departure Dates</th>
<th>Accommodation Options</th>
<th>Price Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thailand</td>
<td>One Day</td>
<td>Saturday 2 December</td>
<td>3* Standard hotel, standard room</td>
<td>Single room US$ 485 per person (total tour cost)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Sharing twin room US$ 460 per person (total tour cost)</td>
</tr>
<tr>
<td></td>
<td>Two Days</td>
<td>Saturday 2 December</td>
<td>3* Superior hotel, standard room</td>
<td>Single room US$ 500 per person (total tour cost)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Sharing twin room US$ 470 per person (total tour cost)</td>
</tr>
<tr>
<td>Myanmar</td>
<td>Three Days</td>
<td>Saturday 2 December</td>
<td>4* Superior hotel, standard room</td>
<td>Single room US$ 950 per person (total tour cost)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Sharing twin room US$ 900 per person (total tour cost)</td>
</tr>
</tbody>
</table>

**TOTAL PAYMENT FOR REGISTRATION, ACCOMMODATION AND EXCURSIONS**  
(include total from first page)  
(please ensure that this box is completed, so that your registration can be confirmed)  

**SOCIAL EVENTS**  
(Included in the registration fee and only available for registered participants)

<table>
<thead>
<tr>
<th>Event</th>
<th>Participant</th>
<th>Yes</th>
<th>No</th>
<th>Accompanying Person</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thursday 30 November - Welcome Reception and Concert, Montien Riverside Terrace</td>
<td>Yes</td>
<td>☐ No</td>
<td>Yes</td>
<td>☐ No</td>
<td>☐ No</td>
<td></td>
</tr>
<tr>
<td>Friday 1 December - Symposium Dinner hosted by EGAT</td>
<td>Yes</td>
<td>☐ No</td>
<td>Yes</td>
<td>☐ No</td>
<td>☐ No</td>
<td></td>
</tr>
</tbody>
</table>

**PAYMENT**  
Payment can only be accepted in US dollars (US$) in the following ways:

- Credit Card: I hereby authorise you to debit my card with the total value of the events and services booked by me on this form.  
  Please note: Your card statement will read ‘Debited by NetWork Events Ltd’, and not by WR & RE Symposium or Hydropower & Dams.

- I wish to pay by: ☐ Visa ☐ Mastercard  
  (We regret that AMEX, Maestro and Diners are not accepted)  
  Security No: (last 3 or 4 digits on back of card)  
  Cardholder’s signature:

- I confirm that payment will follow by bank transfer in US$. (Please quote name of attendee, and ensure that all bank charges are paid.)
  Barclays Bank plc, Guildhall Walk, Portsmouth, Hants, PO6 3DH, UK. Account name: NetWork Events Ltd  
  Account No.: 73869000  
  Sort Code: 20-09-34  
  SWIFT/BIC Code: BARCGB22  
  IBAN GB67 BARC 2065 3473 8690 00  
  NetWork Events Ltd, The Old Manor House, Compton, West Sussex, PO18 9EX, United Kingdom  
  Tel: +44 (0)23 9263 1331  
  Fax: +44 (0)23 9263 1797  
  E-mail: bkk2006@networkevents.ltd.uk  
  Online registration: www.networkevents.ltd.uk/events/bkk2006

Payment must be received by NetWork Events by Monday 23 October to qualify for reduced registration fees.