

5TH IAEE ASIAN CONFERENCE MEETING ASIA'S ENERGY CHALLENGES

14 FEB - 17 FEB 2016
PERTH, WESTERN AUSTRALIA

The 5th International Association for Energy Economics Asian Conference will discuss solutions to meeting continuing enormous growth in Asian energy demand over the next few decades.

This growth in energy demand will involve importing substantial amounts of energy from locations outside the region, with impacts on suppliers and other customers of those suppliers, and international and national security. It also will require substantial investments in infrastructure within the region, and policies to cope with the pollution and other externalities associated with ballooning energy consumption.

Exporting countries within the region, such as Australia, will need to develop more robust institutions for handling trade-offs between domestic consumption and export of energy commodities. Improving the efficiency of their energy supply systems will not only contribute to their own economic growth, but also enable them play a more constructive role in helping the importing countries of Asia meet their aspirations.

Key topics and issues to be discussed include:

Forecasting Asian energy trends

- Demand and supply
- By primary energy source; geography and economic sector
- Inter- and intra-regional trade
- Infrastructure requirements
- Improved access

Financial implications

- Financing investments
- Energy pricing issues
- Use of spot and derivatives markets
- Taxing energy production and consumption
- Controlling escalating investment costs

Environmental implications

- Policies to control air and water emissions
- Responsible upstream development, land access, community acceptance
- Increasing energy efficiency
- Potential role of new energy technologies

Electricity market development

- Wholesale market structures
- Paying for ancillary services and adequate capacity
- Balancing competition and regulation
- New pricing paradigms and smart grids
- Nuclear power in Asia including possible new technologies
- Engineering and economic challenges of accommodating renewables

Political implications

- Geopolitical consequences of increased Asian energy imports
- Implications of increased foreign investment in energy infrastructure
- Coping with sovereign risk
- International lending agencies as financiers of energy infrastructure
- Promoting free trade and efficiency in national and international energy markets
- Eliminating energy subsidies

Learn more at
business.uwa.edu.au/iaee-2016

Perth, Western Australia

Perth is the world's ninth most liveable city, located in a booming economy and the same time zone as large parts of Asia.

Perth is the capital of Western Australia, connecting Australia to Asia and the Indian Ocean rim. Home to around two million people, Perth enjoys a sunny Mediterranean climate and is only a short distance from the renowned vineyards of the Swan Valley, the white sands of the Indian Ocean, and stunning landscapes of the Goldfields. During February, Perth will be experiencing its iconic Summer weather.

Western Australia produces over forty per cent of Australia's export income and is regarded as one of the world's major centres of the energy and resources industries.

Australian LNG has grown to the point where there are now four (soon to be ten) LNG projects in operation. Australia is increasingly important as an LNG supplier, particularly in the Asia Pacific region. Projects under construction will boost national capacity to 86 million tonnes before the end of the decade, and are likely to make Australia the world's largest LNG producer.

Conference host



CALL FOR ABSTRACTS

Concurrent sessions

There are two categories of concurrent sessions: 1) **Academic research** on energy economics, and 2) **practical case studies** involving applied energy economics or commentary on current energy-related issues. This latter category aims to encourage participation not only from industry but also from the financial, analyst and media/commentator communities. In either instance, papers should be based on completed or near-completed work that has not been previously presented at or published by IAEE or elsewhere.

Those interested in organising a concurrent session should propose a topic and possible speakers to Liam Wagner, Concurrent Session Chair (l.wagner@griffith.edu.au). Please note that all speakers in organised concurrent sessions must pay speaker registration fees and submit abstracts.

Note: Presentations are intended to facilitate the sharing of both academic and professional experiences and lessons learned. It is unacceptable for a presentation to overtly advertise or promote proprietary products and/or services.

Those who wish to distribute promotional literature and/or have exhibit space at the Conference are cordially invited to take advantage of sponsorship opportunities (see business.uwa.edu.au/iaee-2016).

Concurrent session abstract format

Authors wishing to make concurrent session presentations must submit an abstract that briefly describes the research or case study to be presented.

The abstract must be no more than two pages in length and must include the following sections:

a. Overview of the topic including its background and potential significance

b. Methodology: how the matter was addressed, what techniques were used
c. Results: Key and ancillary findings
d. Conclusions: Lessons learned, implications, next steps
e. References (if any)

Please visit business.uwa.edu.au/iaee-2016 to download an abstract template. All abstracts must conform to the format structure outlined in the template. Abstracts must be submitted online by visiting business.uwa.edu.au/iaee-2016. Abstracts submitted by email or in hard copy will not be processed.

Presenter attendance at the Conference

At least one author of an accepted paper or poster must pay the registration fees and attend the conference to present the paper or poster. The corresponding author submitting the abstract must provide complete contact details—mailing address, phone, fax, e-mail, etc.

Authors will be notified by 28 October 2015 of the status of their presentation or poster. Authors whose abstracts are accepted will have until 11 December 2015 to submit their final papers or posters for publication in the online conference proceedings.

While multiple submissions by individuals or groups of authors are welcome, the abstract selection process will seek to ensure as broad participation as possible: each author may present only one paper or one poster in the conference. No author should submit more than one abstract as its single author. If multiple submissions are accepted, then a different author will be required to pay the registration fee and present each paper or poster. Otherwise, authors will be contacted and asked to drop one or more paper(s) or poster(s) for presentation.

Key dates

- Abstract submission deadline: 9 September 2015
- Student Best Paper Competition deadline: 16 October 2015
- Submission deadline for full paper for inclusion on Conference website: 11 December 2015
- Early registration deadline: 11 December 2015

Best Student Paper

IAEE is pleased to announce its 2016 Perth Conference Best Student Paper Award Program. A top prize of US\$1000 will be given for the best paper in energy economics. Three runner-up prizes of US\$500 each will also be given. All four winners will receive a waiver of registration fees to the Conference and will be notified by 16 November 2015.

Student Poster Session

A poster session, featuring up to 20 poster presentations relevant to the conference theme, will be presented during the lunch period on Monday 15 February. The posters will be located in the foyer of the Business School where conference participants will be able to freely move around and talk with the authors of the various posters. Authors who wish to submit a poster must clearly mark their submitted abstract as an abstract for the poster session and not a concurrent session paper. A US\$750 award will be given for the best student poster. The deadline for submissions is 16 October 2015.

Student scholarships

Registration fee scholarships are also available to students attending the Conference. The scholarship application deadline is 13 November 2015.

For more information on awards and scholarships, visit business.uwa.edu.au/iaee-2016.

Conference presented by:



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WESTERN
AUSTRALIA

