



UNDER THE AUSPICES OF THE  
HELLENIC CHAIRMANSHIP

# 3<sup>rd</sup> International Scientific Conference

## Energy and Climate Change

4<sup>th</sup> open call



Photo from ManagEnergy and [Intelligent Energy - Europe Programme](#) of the [European Commission](#)

### 7 – 8 October 2010 Athens, Greece

Organized by  
Energy Policy and Development Centre (KEPA)

Coordinator of

**P R O M I T H E A S** The Energy and Climate Change Policy Network



General Secretariat  
for Research and Technology

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## The History

The PROMITHEAS Conference started as an activity of the FP6 funded project titled “PROMITHEAS-2” and has become an annual meeting for scientists and researchers working in energy and climate change policy issues. The 1<sup>st</sup> PROMITHEAS Conference titled “**Energy Investments and Trade Opportunities**”, in 2008, was a two-day event with political and scientific sessions. The 2<sup>nd</sup> PROMITHEAS Conference, in 2009, titled “**Energy and Climate Change**” included only scientific sessions.

Both events were organized by the Energy Policy and Development Centre (KEPA) of the NKUA, coordinator of the PROMITHEAS Network, and were set under the auspices of the Black Sea Economic Cooperation (BSEC) Organization. All events were hosted by the oldest university of Greece, the National and Kapodistrian University of Athens (NKUA).

## The Conference

This year the 3<sup>rd</sup> International Scientific Conference titled “**Energy and Climate Change**” of the PROMITHEAS Net will take place at the premises of NKUA (photo) on **October 7- 8, 2010** in Athens, Greece. The event is set under the auspices of BSEC.

The Scientific Committee invites scientists, researchers, PhD candidates and policy makers from all over the world to participate.

### **A. Opening – Welcome Addresses**

High level officials from BSEC countries, BSEC PERMIS, EU, International organizations and distinguished scientists, known for their research work in energy and climate change will be invited to chair the sessions and address the event.

### **B. Sessions**

The sessions are oriented to energy and environment - climate change. An International Scientific Committee consisted of members from Greece, EU, BSEC and Central Asia countries will ensure the quality of the sessions. All sessions will be hosted at the “*New Amfithatro*” of the Central Building of the National and Kapodistrian University of Athens.



## Organization

The Energy Policy and Development Centre (NKUA-KEPA), coordinator of the PROMITHEAS Net is an academic institute (within the National and Kapodistrian University of Athens). The PROMITHEAS network includes so far twenty five (25) members from sixteen countries of S.E. Europe, Black Sea, Caspian Sea and Central Asia.

The activities of the Centre are mainly related to the power sector, energy transportation and interconnections, energy geopolitics, regional energy markets, promotion of energy investments and trade, environmental implications of energy use and design and evaluation of climate change policy instruments.

The contact details of KEPA are the following:

### **Energy Policy and Development Centre (KEPA) National and Kapodistrian University of Athens**

Panepistimiopolis, KEPA Building

157-84 Athens, Greece

Tel.: (+30) 210-7275732, (+30) 210-7275809

Fax: (+30) 210-7275828

E-mail: [epgsec@kepa.uoa.gr](mailto:epgsec@kepa.uoa.gr)

Website: [www.kepa.uoa.gr](http://www.kepa.uoa.gr)

The Conference Language is **English**. Intending contributors should submit initially only **abstracts**. Electronic submission (in MS Word format) through e-mail is strongly recommended. Abstracts will be reviewed by the Scientific Committee before their acceptance for presentation.

**Abstracts** should be approximately 200 words in length and should clearly demonstrate the scientific contribution of the proposed presentation. Authors should include at the end of the abstract bibliographic references. The authors are kindly requested **to indicate their affiliation, contact details and at which of the following themes and topics their work refers to**. Intending contributors may download from the Conference web-site the *Style Guide for Abstracts/Papers* and the *Sample page* for preparing their documents according to the required format.

The book of all accepted abstracts will be published and distributed with the Conference Program. The Conference Proceedings will include the full papers that were presented during the Conference. Authors should submit the full paper once they are informed that their abstract is accepted. All presentations will be uploaded at the web-site of the Conference. Submitted papers will be reviewed for publication in the “*Euro-Asian Journal of Sustainable Energy Development Policy*”, published by the PROMITHEAS network.

**Abstracts will be submitted electronically at:** [promitheas@kepa.uoa.gr](mailto:promitheas@kepa.uoa.gr)

(Contact person Dr. Popi Konidari)



PROMITHEAS network invites scientists, researchers, PhD candidates and engineers from the academic, scientific, engineering and industrial sectors to participate and contribute in promoting and disseminating scientific knowledge. Participants are welcomed to submit abstracts relevant to the following themes/ topics or to combinations of them:

### A. Energy Policy

#### General topics

- Energy supply and geopolitics
- Strategic energy planning
- Energy interconnections
- Transcontinental energy corridors
- Environmental, social and economic impacts of energy policies and usage
- Analysis and optimization of energy processes
- Energy scenarios, modeling and forecasting
- Energy security and risk assessment
- Energy management systems
- Energy system analysis and modeling
- Decision support systems for energy sector management
- Energy Economics

These general topics concern also the following themes and topics.

#### A1: Conventional fuels (oil, gas, coal, lignite)

- Reserves estimation technologies and methodologies Exploration – Geological, geochemical and geophysical methods and technologies
- Production and transportation
- Improved recovery
- Socio-economics of reserves exploitation and fossil fuel transportation
- Design, construction and operations of pipelines
- Hydrocarbons maritime and rail transportation

#### A2: Electricity

- Generation, transmission & distribution planning and protection
- Power systems reliability and security
- Corporate planning and management
- Market policies, structures and rules
- Market deregulation
- Markets modeling and simulation
- Pricing and transactions

- Optimization Techniques
- Demand and/or Load Management/Forecast
- Plant and equipment operation, maintenance, control and condition monitoring
- Modern technology and computation techniques and applications
- Online Monitoring and Diagnosis
- Distributed Generation, Co-generation

*A3. Renewable Energy Sources (solar, wind, hydro, geothermal, biomass, tidal wave, hydrogen)*

- Obstacles for the promotion of renewable energy
- Competitiveness and cost efficiency
- Renewable energies in rural areas
- Emissions cuts and the promotion of RES

*A4. Biofuels*

- New BioTechnologies
- Policies for promoting the use of biofuels
- Global trading and pricing

## **B. Environmental – Climate Change Policy**

*General topics*

- Environmental protection policies (water, noise, health, pollution, ecosystems, biodiversity)

- Environmental – climate change economics
- Decision support systems
- Comparative analysis of policies

These general topics concern also the following themes and topics.

*B1: Climate change*

- Climate change forecasting models and simulations
- Measuring and evaluating climate change impacts (water cycle, ecosystems, biodiversity, land regions, agriculture, health and cultural heritage)
- Mitigation policies (Kyoto protocol mechanisms – ETS, CDM and JI – green markets, post-Kyoto regimes).
- Carbon dioxide capture and storage
- Climate change and ozone layer depletion

*B2: Energy efficiency and conservation*

- Energy conservation measures and their implementation
- Optimal use of energy resources
- Mathematical models
- Techniques and technologies for energy consumption measuring and monitoring
- Optimization of day lighting and artificial lighting (green lighting)
- Energy networks and decentralized production (heat and electricity)

An International Scientific Committee with members from Greece, EU, BSEC and Central Asia countries will ensure the quality of the Scientific Sessions.

### **Chairman**

Prof. Ioannis KARAKOSTAS, Vice Rector, National and Kapodistrian University of Athens, Greece

### **Members**

Prof. Dimosthenis ASIMAKOPOULOS, National and Kapodistrian University of Athens, Greece

Prof. Perikles BOURKAS, National Technical University of Athens, Greece

Prof. Mihail CHIORSAC, Academy of Sciences of Moldova, Moldova

Prof. Evangelos DIALYNAS, National Technical University of Athens, Greece

Prof. Nenad DJAJIC, University of Belgrade, Serbia

Prof. Dias HARALAMPOPOULOS, University of the Aegean, Greece

Prof. Alexander ILYINSKY, Finance Academy, Russia

Prof. Anatoly IMETKHENOV, Eastern Siberia State University of Technology, Russia

Prof. Evgenij INSHEKOV, National Technical University of Kiev, Ukraine

Prof. Sergey INYUTIN, University Turan-Astana, Kazakhstan

## Scientific Committee

Prof. Dejan IVEZIC, University of Belgrade, Serbia  
Prof. Nikola KALOYANOV, Technical University of Sofia, Bulgaria  
Prof. Konstantinos KARAGIANNPOULOS, National Technical University of Athens, Greece  
Prof. Jorgaq KACANI, Polytechnic University of Tirana, Albania  
Prof. Georgios KALLOS, National and Kapodistrian University of Athens, Greece  
Prof. Andonaq LAMANI, Polytechnic University of Tirana, Albania  
Prof. Dimitrios MAVRAKIS, National and Kapodistrian University of Athens, Greece  
Prof. Ioannis MAZIS, National and Kapodistrian University of Athens, Greece  
Prof. Haji MELIKOV, National Academy of Sciences, Azerbaijan  
Prof. Nikitas NIKITAKOS, University of the Aegean, Greece  
Prof. Agis PAPADOPOULOS, Aristotle University of Thessaloniki, Greece  
Prof. Anca POPESCU, Institute for Studies and Power Engineering, Romania  
Prof. Arthur PRAKHOVNIK, National Technical University of Kiev, Ukraine  
Prof. Elmira RAMAZANOVA, National Academy of Sciences, Azerbaijan  
Prof. Alvina REIHAN, Tallin University, Estonia  
Prof. Matthaios SANTAMOURIS, National and Kapodistrian University of Athens, Greece  
Prof. Mustafa TIRIS, Energy Institute TUBITAK MRC, Turkey  
Prof. Milton A. TYPAS, National and Kapodistrian University of Athens, Greece

## Important dates

Deadlines for the 4<sup>th</sup> open call  
Deadline for the submission of abstracts: 10 September 2010  
Notification of acceptance: 12 September 2010  
Deadline for submission of full paper: 30 September 2010

## Registration

For registration, a Registration Form should be completed and sent to NKUA-KEPA, by 30 September, 2010.

- ❖ the registration fee amounts to **250 €**.

Special registration fees will apply for the following cases:

- ❖ **200 €** for PhD students.
- ❖ **200 €** for scientists of the PROMITHEAS Net members.

Registration fee includes printed material, coffee breaks, two lunches and two dinners.

### ***Payments and Cancellations***

Payment can be made either by direct payment of the whole amount to the NKUA – Special Account for Research Grants' account at EMPORIKI Bank or by 50% of the amount to the aforementioned account and the remaining amount by cash upon registration during the Conference. The payment should be sent to the following account:

EMPORIKI BANK  
IBAN: GR050 120 554 00000 000 81706 531  
Swift/BIC: EMPOGRAA  
Beneficiary: NKUA/SARG

*Payment through credit cards is not acceptable.* Upon registration, the organizers will issue an official receipt to the participant. Cancellations are accepted up to, and no later than 6 September 2010, with a full refund of the payment made. In the case of cancellation after this date, a 50% refund of registration fees will be made, while for cancellations after 15 September 2010 there will be no refund.

**Participants should send the registration form along with the copy of the bank receipt for the payment otherwise their registration will not be considered as complete.** The Conference material will be available only for those registered. The registration form can be downloaded from the web-site. Participants are kindly requested to write on the bank receipt as payment explanation “PROMITHEAS- 3<sup>rd</sup> International Conference”.

For payment through the participant’s institution, company or organization and the issuance of the relevant invoice, the participant should contact the organizers and settle this issue before the event. Participants will provide the necessary data so as the organizers issue the invoice during the Conference. In such a case they will have to pay an additional amount for taxes that is about 19% of the registration fee that they will pay.

### **Visa**

Participants that need the issuance of a visa to travel to Greece, are kindly requested to contact the organizers in time (at least one month before the event) and settle this issue. The organizers will facilitate them by sending the relevant invitation to the pertinent Greek consulate after the completion of the registration procedure.

## Accommodation

Each participant will have to handle his/her booking and pay directly to the hotel, indicating he/she will select. The following list includes recommended hotels. More details about hotels will be released in the next announcements.

METROPOLITAN (Tel: +30 – 210 - 9471000, [www.chandris.gr](http://www.chandris.gr))

BEST WESTERN ESPERIA (Tel: +30-210-3238001, [www.esperiahotel.com.gr](http://www.esperiahotel.com.gr))

STRATOS VASILIKOS (Tel: +30-210-6400720, [www.airotel.gr](http://www.airotel.gr))

TITANIA hotel room rates (Tel: +30-210-3326349, [www.titania.gr](http://www.titania.gr))

ALEXANDROS (Tel: +30-210-6400720, [www.airotel.gr](http://www.airotel.gr))

ATHINAIS (Tel: +30-210-6431133, [www.athinaishotel.gr](http://www.athinaishotel.gr))

ARETHOUSA (Tel: +30-210-3229431, [www.arethusahotel.gr](http://www.arethusahotel.gr))

OMIROS (Tel: +30-210-3235486-7, [www.omiroshotel.gr](http://www.omiroshotel.gr))

For students there is also the option of a youth hostel

Athens Backpackers (Tel: +30-210-922 4044, [www.backpackers.gr/bweb/](http://www.backpackers.gr/bweb/))

## Further information

3<sup>rd</sup> International Scientific Conference “Energy and Climate Change” -  
[http://www.promitheasnet.kepa.uoa.gr/index.php?option=com\\_content&view=article&id=22%3Ascientific-conference-2010-october-7-8-2010&catid=14%3Aconferences&Itemid=5&lang=en](http://www.promitheasnet.kepa.uoa.gr/index.php?option=com_content&view=article&id=22%3Ascientific-conference-2010-october-7-8-2010&catid=14%3Aconferences&Itemid=5&lang=en)