

2nd International Scientific Conference **“Energy and Climate Change”**



UNDER THE AUSPICES OF THE
AZERBAIJANI CHAIRMANSHIP OF
THE BLACK SEA ECONOMIC
COOPERATION

8 – 9 October 2009
Athens, Greece



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Organized by
Energy Policy and Development Centre (KEPA)

Coordinator of

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

The Conference

The 2nd International Scientific Conference titled “**Energy and Climate Change**” of the PROMITHEAS Network will take place on October 8 - 9, 2009 in Athens, Greece. Its sessions are oriented to energy, environment and climate change and will be hosted at the “*Kostis Palamas*” Cultural Centre of NKUA.



The Energy Policy and Development Centre (KEPA) of the National and Kapodistrian University of Athens (NKUA), coordinator of PROMITHEAS – The Energy and Climate Policy Network invites scientists, researchers, PhD candidates, but also policy makers, and energy stakeholders from EU, Black Sea, Caspian Sea and Central Asia countries to participate. The whole event will be hosted by the oldest university of Greece, the National and Kapodistrian University of Athens.

A. Opening – Welcome Addresses

Distinguished personalities, coming from EU and BSEC countries and known for their research work in energy and climate change will be invited to address the event.

B. Sessions

The Scientific Sessions are oriented to energy and environment - climate change. An International Scientific Committee with members from Greece, EU and BSEC countries will ensure the quality of the sessions.

Organization

The 2nd International Scientific Conference for Energy and Climate Change is being organized by the Energy Policy and Development Centre (NKUA-KEPA), coordinator of the PROMITHEAS Energy and Climate Policy Network. The Centre is an academic institute (within the National and Kapodistrian University of Athens), non profit organization, whose aim is to promote relations of scientific and development cooperation at both national and international level.

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 policy instruments. NKUA-KEPA has developed a regional profile covering the areas of S.E. Europe, Mediterranean, Black and Caspian Seas regions and Central Asia.

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

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Fax: (+30) 210-7275828

E-mail: epgsec@kepa.uoa.gr

Website: www.kepa.uoa.gr

Abstracts and papers

The Conference Language will be in **English**. Intending contributors should submit **abstracts and papers**. Electronic submission (in MS Word format) through e-mail is strongly preferred. Abstracts will be reviewed by the members of the Scientific Committee of the Conference to determine whether acceptance for presentation is appropriate.

Conference Proceedings of abstracts will be published and distributed with the Conference Program. Submitted papers will be reviewed for publication in a special issue of the “*Euro-Asian Journal of Sustainable Energy Development Policy*”, published by the PROMITHEAS network.

Abstracts of papers proposed for oral presentation at the Conference should be approximately 200 words in length. Quotation of bibliographic references is also preferable. The authors are kindly requested **to indicate their affiliation, contact details and at which of the following themes and topics their work refers to**. As well as abstracts, contributors are encouraged to submit a paper in the specified format. Intending contributors may download from the Conference’s web site the Style Guide for Abstracts/Papers.

Abstracts and papers will be submitted electronically at: promitheas@kepa.uoa.gr

Themes and Topics

PROMITHEAS network invites all scientists, researchers, PhD candidates and engineers from the academic, scientific, engineering and industrial sectors to participate in the Conference and to contribute both in the promotion and the dissemination of the scientific knowledge. Participants are particularly welcome to submit work relevant to the following themes and 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
- 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

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

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

- Obstacles for the promotion of renewable energy
- Competitiveness and cost efficiency

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, 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 and cultural heritage)
- Mitigation policies (Kyoto protocol mechanisms – ETS, CDM and JI – green markets, post-Kyoto regimes).

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)

Important dates for the 3rd call

Deadline for the submission of abstracts: 17 August, 2009

Notification of acceptance: 31 August, 2009

Deadline for submission of full paper: 14 September, 2009

Scientific Committee

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

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

Members: 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. Dias HARALAMPOPOULOS, University of the Aegean, Greece

Prof. Alexander ILYINSKY, Finance Academy, Russia

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

Prof. Nikola KALOYANOV, Technical University of Sofia, Bulgaria

Prof. Konstantinos KARAGIANNOPOULOS, National Technical University of Athens, Greece

Prof. Jorgaq KACANI, Polytechnic University of Tirana, Albania

Prof. Dimitrios MAVRAKIS, National and Kapodistrian University of Athens, Greece

Prof. Ioannis MAZIS, Ionian University, 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, University Polytechnica of Bucarest, Romania

Prof. Arthur PRAKHOVNIK, National Technical University of Kiev, Ukraine

Prof. Elmira RAMAZANOVA, National Academy of Sciences, Azerbaijan

Prof. Mustafa TIRIS, Energy Institute TUBITAK MRC, Turkey

Prof. Milton A. TYPAS, National and Kapodistrian University of Athens, Greece

Registration

For registration to the conference it is necessary to complete the Registration Form and send it to NKUA-KEPA, by 30 September, 2009.

- ❖ **The opening of the Conference (session A.1) will be open (free of charge) to interested scientists and stakeholders.**
- ❖ the registration fee amounts to **120 €** for scientists coming from Azerbaijan, Bulgaria, Moldova, Romania and Ukraine. Registration fee includes all printed material related to the respective sessions, coffee breaks, two lunches and two dinners.
- ❖ the registration fee amounts to **200 €** for scientists coming from other countries (Greece included). Registration fee includes all printed material related to the respective sessions, coffee breaks, two lunches and two dinners.

Payments and Cancellations

Payment can be made either by direct payment to the NKUA – Special Account for Research Grants' account at EMPORIKI Bank in Athens or by cash upon registration. For the first option, payment should be sent to the following account:

EMPORIKI BANK

IBAN: GR79 0120 0350 0000 0008 1706 531

Swift/BIC: EMPOGRAA

Beneficiary: NKUA/SARG

Upon cash payment, the organizers will issue an official receipt to the participant. 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.

Cancellations are accepted up to, and no later than 8 September 2009, 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 30 September 2009 there will be no refund.

Participants should send the registration form along with the copy of the bank receipt for the payment. The registration form can be downloaded from the web-site. Participants are kindly asked to write on the bank receipt as payment explanation "PROMITHEAS-International Conference".

Accommodation

Each delegate will have to handle his/her booking and pay directly to the hotel, indicating the participation in the 2nd *International Scientific Conference "Energy and Climate Change"* event.

METROPOLITAN hotel room type rates

(Tel: +30 – 210 - 9471000, www.chandris.gr)

Single / Double € 130

BEST WESTERN ESPERIA hotel room type rates

(Tel: +30-210-3238001, www.esperiahotel.com.gr)

Single (standard) € 105 / Double (standard) € 120

Single (superior) € 120 / Double (standard) € 135

Single (executive) € 150 / Double (executive) € 165

STRATOS VASILIKOS hotel room type rates

(Tel: +30-210-6400720, www.airotel.gr)

Single / Double € 105

TITANIA hotel room rates

(Tel: +30-210-3326349, www.titania.gr)

Single € 90 / Double € 100

ALEXANDROS hotel room type rates

(Tel: +30-210-6400720, www.airotel.gr)

Single / Double € 95

ATHINAIS hotel room type rates

(Tel: +30-210-6431133, www.athinaishotel.gr)

Single € 65 / Double € 80

ARETHOUSA hotel room rates

(Tel: +30-210-3229431, www.arethusahotel.gr)

Single € 60 / Double € 80

OMIROS hotel room rates

(Tel: +30-210-3235486-7, www.omiroshotel.gr)

Single € 50 / Double € 70 / Triple € 85

For students there is also the option of a youth hostel

Athens Backpackers

(Tel: +30-210-922 4044, www.backpackers.gr/bweb/)

Prices depend on the season

(Low season: € 17 – 20, Mid-Season: € 20- 25, High-season: € 24 - 28)

If you decide to stay at one of the proposed hotels, please indicate this in your registration form.

Further information

2nd International Scientific Conference “Energy and Climate Change” - http://www.kepa.uoa.gr/PROMITHEAS_Conference.htm

For accepted so far abstracts - http://www.kepa.uoa.gr/PROMITHEAS_Conference_accepted_abstracts.htm