

# 6<sup>th</sup> International Scientific Conference

## Energy and Climate Change

### Policy portfolios for emerging economies

#### 1<sup>st</sup> open call



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

**9 – 10 – 11 October 2013**  
**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



The PROMITHEAS Conference started as an activity of a FP6 funded project and has developed as an annual Conference 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 focused on political and scientific topics. The PROMITHEAS Conferences titled “**Energy and Climate Change**” that followed were also two-day events, but were dedicated exclusively on research issues.

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

This year the 6<sup>th</sup> International Scientific Conference titled “**Energy and Climate Change**” of the PROMITHEASnet will take place at the premises of NKUA on **October 9-10-11, 2013** in Athens, Greece.

This year the Conference is oriented to “**Policy Portfolios for emerging economies**”. In the frame of this topic the outcomes of the FP7 funded project “*PROMITHEAS-4: Knowledge transfer and research needs for preparing Mitigation/Adaptation policy portfolios*” will be presented in a special session along with proposals for the optimization of these portfolios for the countries that participate in the project. The outcomes concern the Mitigation/Adaptation policy portfolios for twelve (12) countries (Albania, Armenia, Azerbaijan, Bulgaria, Estonia, Kazakhstan, Moldova, Romania, Russia, Serbia, Turkey and Ukraine).

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 international organizations, the BSEC headquarters, the embassies of beneficiary countries 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 ensures the quality of the sessions.

The Energy Policy and Development Centre (NKUA-KEPA), coordinator of the PROMITHEAS Net is an academic research institute (within the National and Kapodistrian University of Athens). The PROMITHEAS network includes so far twenty five (25) members from sixteen (16) countries of S.E. Europe, Black Sea, Caspian Sea and Central Asia.

The activities of the Centre are related to energy geopolitics, regional energy markets, energy investments and trade, design and evaluation of climate change policy instruments and their interactions, development and assessment of Mitigation/Adaptation policy portfolios.

The contact details of KEPA are the following:

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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 250 words in length and should clearly quote the scientific contribution of the proposed presentation, the used methodology/approach and the expected outcomes. Authors should include at the end of the abstract recent scientific bibliographic references. Abstracts that do not fulfill those requirements will not be forwarded for review.

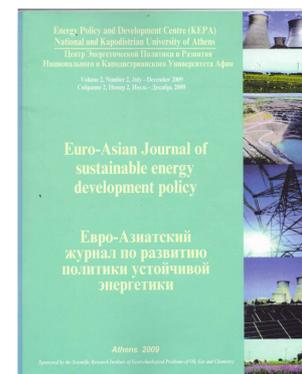
The authors are kindly requested **to indicate their affiliation, contact details and at which of the themes and topics of the conference their work refers to**. A template for the abstracts is at the last page. Intending participants may download from the Conference web-site the *Guide for Abstracts/Papers* and the *Sample page* for preparing their documents according to the required format. An author whose abstract is accepted is kindly requested to **register** before **September 12<sup>th</sup>, 2013**.

The book of all presented 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. The size of the presentation or of the full paper should not be more than 5MB.

Research papers presented at the Conference can be reviewed for publication at the PROMITHEASnet Journal titled "Euro-Asian Journal of sustainable energy development policy".

**Abstracts should be submitted electronically only 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. 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.

*A1: Climate change*

- Climate change forecasting models and simulations
- Measuring and evaluating climate change impacts (water cycle, forests, ecosystems, biodiversity, land regions, agriculture, health and cultural heritage)
- Carbon dioxide capture and storage
- Climate change and ozone layer depletion

*A2: Mitigation/Adaptation policy portfolios*

- Mitigation policies (Kyoto protocol mechanisms – ETS, CDM and JI – green markets, post-Kyoto regimes).
- Adaptation policies
- Development of Mitigation and adaptation policy mixtures
- Assessing climate change policies through models and methods
- Mitigation/Adaptation policy portfolios for emerging economies
- Policy interactions (synergies, conflicts) for energy and climate change policy instruments

*A3: 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)

**B. 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.

*B1: 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

*B2: Electricity*

- Generation, transmission & distribution planning and protection
- Power systems reliability and security
- Corporate system 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
- Power Generation – Conventional and Renewable
- Smart Grid Technologies

*B3. 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
- Vulnerability of RES

*B4. Biofuels*

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

Important  
dates

**Deadlines for the 1<sup>st</sup> open call**

Deadline for the submission of abstracts: 29 March 2013

Notification of acceptance: 12 April 2013

Deadline for submission of full paper: 31 May 2013

Further  
information

For previous events and for the 6<sup>th</sup> International Scientific Conference “Energy and Climate Change” – <http://www.promitheasnet.kepa.uoa.gr>



## Title of abstract/paper



### Dr. Name SURNAME <sup>1</sup>

Title (e.g. Head of Laboratory of the Institute)

### Mr. Name SURNAME

Title (e.g. Researcher of Institute)

<sup>1</sup> *Contact details of corresponding author*

Tel: +.....

Fax: +.....

e-mail: .....

Address: .....Street.....  
City, Country

### Abstract

This is a sample page for the format of the Euro – Asial Journal of Sustainable Energy Policy, published by the PROMITHEAS Network. An abstract of up to 250 words outlining the aims, scope and conclusions of the paper must be supplied. The abstract must be typed in Times New Roman Font size 10pt.

More specifically the authors need to include in the abstract the scientific contribution of the proposed presentation, the used methodology/approach and the outcomes. Authors should include at the end of the abstract recent scientific bibliographic references, those that they consider as most important for writing the full paper in case that the abstract is accepted. Authors need to be cautious in including recent references and in English language. If the reference in another language the authors need to translate it and quote the phrase “Available only in “*name of language*””.

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. An author whose abstract is accepted and intends to present that work is kindly requested to register before September 12<sup>th</sup>, 2013.

### References

Reference to a journal publication: *Author 1, Author 2, year. “Title of publication”. Name of Journal, Issue. number, page numbers.*

Reference to a book: *Name of author, year. “Title”, Name of Publisher, City.*

Reference to a study: *Name of Institute, year. “Title of study”.*

Reference to a scientific or official web page: PROMITHEAS, 2013. *General Information. PROMITHEAS Website*, available at: <http://www.promitheasnet.kepa.uoa.gr>