



**Prof. Haji MALIKOV**, GPOGC of the Azerbaijan State Oil Academy – Azerbaijan

**Dr. Vahan SARGSYAN**, Energy Strategy Center (ESC) of Scientific Research Institute of Energy (SRIE) – Armenia

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

### **Country Reports**

“Albania” by **Prof. Andonaq LAMANI** (Polytechnic University of Tirana)

“Armenia” by **Dr. Vahan SARGSYAN** (Energy Strategy Center SRIE)

“Azerbaijan” by **Prof. Haji MALIKOV** (Geotechnological problems of Oil, Gas and Chemistry)

“Bulgaria” by **Dr. Lulin RADULOV** (Black Sea Regional Energy Centre)

“Estonia” by **Prof. Alvina REIHAN** (Technical University of Tallinn)

“Kazakhstan” by **Prof. Sergey INYUTIN** (SRC Kazhiminvest)

13:30 – 15:00 Lunch break

### **CHAIR**

**Prof. Alexander ILYINSKY**, Financial University under the Government of the Russian Federation - Russia

**Prof. Jorgaq KACANI**, President of BSUN, Rector of Polytechnic University of Tirana – Albania

**Prof. George HALKOS**, University of Thessaly – Hellas

15:00 – 17:00 “Moldova” by **Dr. Ion COMENDANT** (Institute of Power Engineering ASM)

“Romania” by **Ms. Camelia VASILE** (Institute for Studies and Power Engineering)

“Russian Federation” by **Prof. Alexander ILYINSKY** (Financial University under the Government of the Russian Federation)

“Serbia” by **Mr. Aleksandar MADZAREVIC** (University of Belgrade – Faculty of Mining and Geology)

“Turkey” by **Prof. Bilgin HILMIOGLU** (TUBITAK Marmara Research Center)

“Ukraine” by **Prof. Evgenij INSHEKOV** (Institute for Energy Saving and Energy Management)

17:00 – 18:00 Needs and Gaps ,discussion

### **CHAIR**

**Dr. Lulin RADULOV**, Black Sea Regional Energy Centre - Bulgaria

**Prof. Chien-Te FAN**, The Institute of Law for Science and Technology, National Tsing Hua University – Taiwan

**Prof. Dimitrios MAVRAKIS**, National and Kapodistrian University of Athens - Hellas

**Dinner**

# Day 2 10 October 2013

Venue  
9:30 – 13:30

Kostis Palamas building

ENVIRONMENT - CLIMATE CHANGE

CHAIR

*Prof. Bilgin HILMIOGLOU*, TUBITAK Marmara Research Center - Turkey

*Prof. Evgenij INSHEKOV*, National Technical University of Ukraine - Institute for Energy Saving and Energy Management - Ukraine

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

## Speakers<sup>1</sup>

*"Conceptualizing Equitable Access to Sustainable Development - Developing Countries and Technology Transfer in Climate Change Negotiations"* by **Dr. Ariel Macaspac PENETRANTE**, University of Leipzig - Germany

*"Large eddy simulation of a turbulent flow in a differentially heated cavity with Rayleigh numbers up to 10<sup>11</sup>"* by **Dr. Djedid TALOUB**, Laboratoire des énergies renouvelables et développement durable (LERDD) Université de Constantine – Algérie (TBC)

*"The capture of CO<sub>2</sub> from flue gas using adsorption combined with membrane separation"* by **Prof. Krzysztof WARMUZINSKI**, Institute of Chemical Engineering – Poland

*"The effect of government expenditure on the environment"* by Professor **George E. HALKOS**, University of Thessaly – Hellas

CHAIR

*Prof. Alvina REIHAN*, Technical University of Tallinn - Estonia

*Prof. Anca POPESCU*, ISPE - Romania

*Prof. Sergey INYUTIN*, Turan-Astana University-Kazakhstan

*"Sustainable Energy Action Plans for cities: the potential of the building sector"* by **Dr. Theodora SLINI**, Aristotle University of Thessaloniki – Greece

*"Effects of Climate Change on Groundwater Resources (Gaza Strip Case Study)"* by **Dr. Yunes MOGHEIR**, Islamic University of Gaza – Palestine (TBC)

*"Transition to green economy - a new vector of Kazakhstan's innovative development"* by **As. Prof. Sergey INYUTIN**, Turan-Astana University-Kazakhstan

*"Azerbaijan: transition to clean energy in the condition of climate changes"* by **Dr. Rovshan KARIMOV**, Institute of Geography of Azerbaijan National Academy of Sciences – Azerbaijan (TBC)

*"The assessment of Romania's progress towards 2020 greenhouse gas targets taking into account climate change mitigation and energy policy objectives"* by **Prof. Anca POPESCU**, ISPE - Romania

<sup>1</sup> Only the name of the speaker is mentioned in the agenda, while the names of the co-authors are quoted in the web-site and the book of abstracts.

13:30 – 15:00 Lunch break  
15:00 – 19:00 ENERGY POLICY

#### CHAIR

**Prof. Nikola KALOIANOV**, Technical University of Sofia - Bulgaria

**Dr. Ion COMENDANT**, Institute of Power Engineering ASM - Moldova

**Prof. Con. KARAGIANNOPOULOS**, National Technical University of Athens, Greece

#### Speakers

**Keynote Speaker:** *“Nearly zero energy buildings”* by **Prof. Nikola KALOIANOV**, Technical University of Sofia - Bulgaria

*“Emissions and their Drivers in uncertain Business-as-usual and Climate Protection Worlds: implications of economic Growth and Fossil Fuel Availability Assumptions across World Regions”*, by **Dr. Ioanna MOURATIADOU**, Potsdam Institute for Climate Impact Research - Germany (TBC)

*“A Negawatt Market for Sustainable Energy Services Security”* by **Mrs. Reem YUSUF**, World Bank – UK

*“Significance of Dependability Concept for Electricity Security of Supply”* by **Prof. Milos TANASIJEVIC**, University of Belgrade – Serbia

*“A Study on the Application of Energy Storage Devices for Electricity Expense Reduction”* by **Dr. WU**, National Taiwan University of Science and Technology - Taiwan

*“Formulating Energy Efficiency Revolving Fund Scheme in Indonesia: a Policy Analysis”* by **Setyawan DHANI**, Ministry of Finance – Indonesia (TBC)

#### RENEWABLE ENERGY SOURCES

#### CHAIR

**Dr. Alexander SPACHIS**, Head of EU Delegation in Nepal

**Prof. Andonag LAMANI**, Polytechnic University of Tirana - Albania

*“Establishing a Framework to Promote Offshore Wind Energy in Taiwan: Lessons from the European Experience”* by **Dr. Anton Ming-Zhi GAO**, The Institute of Law for Science and Technology, National Tsing Hua University – Taiwan

*“LCOE as a policy tool for RES-E support schemes”* by **Dr. Christos TOURKOLIAS**, CRES - Greece

*“Potential and opportunities of renewable energy in Kyrgyz Republic and Central Asia”* by **Dr. Alaibek OBOZOV**, Centre for Renewable Energy Use Problems of the Kyrgyz Republic – Kyrgyzstan (TBC)

*“The Impact of Renewable Energy Project in Nepal”* by **Dr. Alexander SPACHIS**, Delegation of the European Union to Nepal - Nepal

*“Obstacles for the promotion of small hydro in Kazakhstan : analysis of the barriers to technology transfer”* by **As. Prof. Sergey INYUTIN**, Turan-Astana University-Kazakhstan

*“The effect of electricity consumption from renewable sources on countries’ economic growth levels: Evidence from advanced, emerging and developing*

*economies*” by Professor **George E. HALKOS**, University of Thessaly – Hellas

*“Combination of Hybrid Wave and Wind Energy Conversion applied to an offshore platform”* by **Mrs. Afrokomi Afroula STEFANAKOU**, University of Aegean - Hellas

## Day 3 11 October 2013

Venue  
9:30 – 13:30

Kostis Palamas building

### PROGRAMS AND PROJECTS

#### CHAIR

**Prof. Edoardo CROCI**, University Bocconi - Italy

**Prof. Olga EFIMOVA**, Finance University under the Government of Russian Federation- Russia

**Prof. Terina PAPPAS**, National and Kapodistrian University of Athens - Greece

#### Speakers

Representative of European Investment Bank (EIB) (TBC)

Representative of National Bank of Greece - Hellas (TBC)

Representative of Piraeus Bank – Hellas (TBC)

**Mr. Roman MATKIWSKY**, Director for Energy and Infrastructure of BSTDB

*“New market-based mechanisms under UNFCCC”* by **Prof. Edoardo CROCI**, University of Bocconi - Italy

*“Armenian Energy System Development Study using the MARKAL-Armenia Integrated Energy System Model”* by **Dr. Vahan SARGSYAN**, Energy Strategy Center (ESC) of Scientific Research Institute of Energy (SRIE) – Armenia

*“Promoting Low Emission Urban Development Strategies in Emerging Economy Countries (URBAN-LEDS)”*, by **Mr. Lucas de MONCUIT**, ICLEI-Local Governments for Sustainability – Germany (TBC)

*“Brief Review of implementation of RES in European Countries”* by **Mrs. Karine SARGSYAN**, SRIE ESC - Armenia

*“Impact of RES Implementation on Technical and Economic Characteristics of Regionally Integrated Armenian Energy System”* by **Dr. Vahan SARGSYAN**, SRIE ESC – Armenia

*“Climate change mitigation and adaptation: policies, plans and actions in South East Europe countries”*, by **Mrs. Vasso TSIAUSSI**, The Goulandris Natural History Museum (Greece)

*“Resources consumption forecasting and efficiency in South East Europe: the RE-SEETies experience”* by **Mr. Christos NAKOS**, CRES – Greece (TBC)

*“Sustainable Development Reporting: International and Russian Experience”* by **Dr. Olga EFIMOVA**, Finance University under the Government of Russian Federation- Russia

*“Energy audit methodology testing of the pilote energy efficient residential building in Armenia”* by **Mr. Artur TSUGHUNYAN**, UNDP Armenia - Armenia

*“How the C-Energy+ network can help you”* by **Mr. Henry SCOTT**, National Documentation Centre - Greece

**Conference  
Venue**

Day 1: University of Athens, Ioannis DRACOPOULOS Hall  
Venizelou avenue ( Panepistimiou Av.), Athens  
<http://goo.gl/maps/HrMuB>  
Day 2 – Day 3: Kostis Palamas building, 48 Academias str.  
<http://goo.gl/maps/XZWSh>

Metro station for both venues: PANEPISTIMIO

**Organizer**

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National and Kapodistrian University of Athens  
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