

# EPPAM NEWSLETTER

Istanbul Aydın University

EPPAM

Year 2, Issue 1, January 2017

## AMERICA IN TRUMP ERA:

## CONFERENCE ON REFLECTIONS OF CHANGING BALANCES ON TURKEY AND THE WORLD

EPPAM organized a conference on “Trump Era in America: Reflections of Changing Balances on Turkey and the World” with Turkey Research Center (TAM) on 21 December 2016.

Prof. Dr. Celal Nazim Irem, Prof. Dr. Nadir Devlet, Prof. Dr. Sedat Aybar, Prof. Dr. Kamil Veli Nerimanoglu, Asst. Prof. Dr. Behlul Ozkan, Selin Nasi and Selim Atalay evaluated the issue.

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**TRUMP DÖNEMİ AMERİKASI**  
DEĞİŞEN DENGELERİN TÜRKİYE'YE VE DÜNYAYA YANSIMALARI | KONFERANS

**21 ARALIK 2016 | 09:00 -17:00**  
İstanbul Aydın Üniversitesi | D Blok Turuncu Salon

**PROGRAM**

**09.00 – 09.30 / AÇILIŞ KONUŞMALARİ**  
Dr. Mustafa AYDIN, İAU Mütevelli Heyet Başkanı  
Prof. Dr. Yedigöller İZMİRİ, İAU Rektörü  
Prof. Dr. Celal Nazim İREM, İAU İBİB Başkanı

**10.00 – 12.00 / I. OTURUM**  
Prof. Dr. Hatice Deniz YÜKSEKER | Moderator  
İAU Siyaset Bilimi ve Uluslararası İlişkiler Bölüm Başkanı

“Rusya ve Orta Asya’da Değişen Dengeler”  
Prof. Dr. Nadir DEVLET, İAU Siyaset Bilimi ve Uluslararası İlişkiler Bölümü Öğretim Üyesi

“Trump ve Yeni Dünya Düzeni”  
Selin ATALAY, Gazeteci, 24 TV

“ABD Seçimlerinin Türk Dünyasında Etkileri ve Şanghay Beşlisi”  
Prof. Dr. Kamil Veli NERİMANOĞLU  
İAU Ortadoğu ve Kalkınma Uygulama ve Araştırma Merkezi Müdürü

**14.00 – 17.00 / II. OTURUM**  
Yrd. Doç. Dr. Filiz KATMANI | Moderator  
İAU Siyaset Bilimi ve Uluslararası İlişkiler Bölümü Öğretim Üyesi,  
Enerji Politikaları ve Piyasaları Uygulama ve Araştırma Merkezi (EPPAM) Müdürü

“Değişen Güçlerin Ekonomiyeye Küresel Yansımaları”  
Prof. Dr. Ahmet Sedat AYBAR, İAU Ekonomi ve Finans Bölüm Başkanı

“Aşırı Sağın ABD Sürümü: Trump”  
Yrd. Doç. Dr. Behlül ÖZKAN, Marmara Üniversitesi,  
Siyaset Bilimleri Fakültesi Uluslararası İlişkiler Bölümü Öğretim Üyesi

“Türkiye – Amerika İlişkileri İçerisinde Ortadoğu Denklemi”  
Dr. Bora BAYRAKTAR, Gazeteci, Esenova – İstanbul Kültür Üniversitesi  
Öğretim Üyesi

“Süreklilik ve Değişim Açısından Trump Dönemi  
Amerikan Dış Politikası”  
Selin NASI, Gazeteci, Hürriyet Daily News, Salom Gazetesi

Program Genel Koordinatörleri:

Yrd. Doç. Dr. Filiz KATMANI  
İAU Enerji Politikaları ve Piyasaları Uygulama ve Araştırma Merkezi (EPPAM) Müdürü  
Selin DEMİREL  
İAU Türkiye Araştırmaları Uygulama ve Araştırma Merkezi (TAUAM)  
İletişim: 444 1 428 | 2502 | selindemirel@aydin.edu.tr

TAM  
EPPAM  
www.aydin.edu.tr | 444 1 428

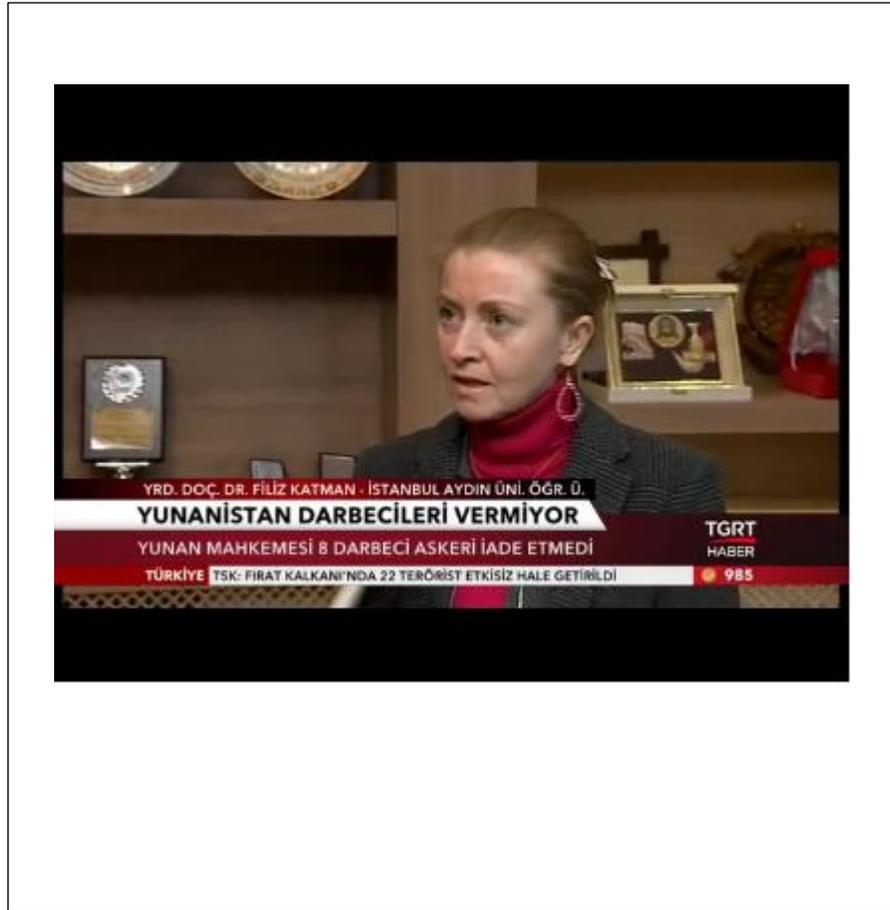
## EPPAM AT PRESS

EPPAM DIRECTOR ASSIST. PROF. DR. FILİZ KATMAN

TGRT NEWS

15:00 NEWS BULLETIN

27 JANUARY 2017



**PANEL**

7 Nisan 2010

**TÜRKİYE PETROL PİYASALARI: 'Dünü, Bugünü'**

Moderatör:  
Prof. Dr. Hasan SAYGIN / İstanbul Aydın Üniversitesi Rektör Yardımcısı

Panellistler:  
Mehmet İMİ / Enerji Piyasası Düzenleme Kurulu - EPDK Denetim Dairesi Başkanı  
Dr. Erol METİN / Petrol Sanayi Derneği - PETDER Genel Sekreteri  
Prof. Dr. Yılmaz I. ASLAN / İstanbul Aydın Üniversitesi Hukuk Fakültesi Öğretim Üyesi  
Serhan KAYA / ODTÜ Mecidiyeköy Enerji Komisyonu Üyesi, Hukukçu

İSTANBUL AYDIN ÜNİVERSİTESİ  
HUKUK FAKÜLTESİ

EPPAM  
ENERJİ PİYASASI DÜZENLEME KURULU  
STRATEJİK ARAŞTIRMA MERKEZİ

7 Nisan 2010, Çarşamba 14.00 İstanbul Aydın Üniversitesi Florya Yerleşkesi A Blok Konferans Salonu

İSTANBUL AYDIN ÜNİVERSİTESİ

**KÜRESEL İKLİM DEĞİŞİKLİĞİ, ÇEVRE VE ENERJİ  
I. ULUSLARARASI SEMPOZYUMU**

KÜRESEL İSTİKRARA YÖNELİK KÜRESEL TEHDİTLER VE FIRSATLAR  
GLOBAL CLIMATE CHANGE, ENVIRONMENT AND ENERGY  
I. INTERNATIONAL SYMPOSIUM  
GLOBAL CHALLENGES & OPPORTUNITIES TO GLOBAL STABILITY

**İklim Değişiyor  
Yerküre akıp gidiyor...**

25 Nisan 2011  
25 April 2011  
Florya Yerleşkesi,  
A Blok Konferans Salonu

EPPAM

İSTANBUL AYDIN ÜNİVERSİTESİ

İklim Değişiyor yerküre akıp gidiyor...  
"aydınlık bir yarın için bugün harekete geçiyoruz"

**KÜRESEL İKLİM DEĞİŞİKLİĞİ, ÇEVRE ve ENERJİ  
I. ULUSLARARASI SEMPOZYUMU**

KÜRESEL İSTİKRARA YÖNELİK KÜRESEL TEHDİTLER & FIRSATLAR  
GLOBAL CLIMATE CHANGE, ENVIRONMENT AND ENERGY  
I. INTERNATIONAL SYMPOSIUM  
GLOBAL CHALLENGES & OPPORTUNITIES TO GLOBAL STABILITY

25 Nisan 2011

İSTANBUL AYDIN ÜNİVERSİTESİ 09.00-18.00  
Florya Yerleşkesi A Blok Konferans Salonu  
Organizatör: Hasan Çelik Akar  
Koordinatör: Mustafa İNANCI  
0212 482 61 61 - 1076

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## GEOPOLITICS OF ENERGY SEMINARS

EPPAM organized the 7<sup>th</sup> Seminars on Geopolitics of Energy targeting students at Faculty of Economics and Administrative Sciences at Istanbul Aydın University. Basic concepts, approaches and regional energy issues were discussed in 14-weeks seminars.

Within the seminars, with active participation of the students, presentations are made with info on energy from different parts of the world. In this context, climate change is also documented and discussed within the seminars.



**OP-ED: WHAT WILL THE WORLD LOOK LIKE IN 2040?**

*Lana Alemam, PSIR 3<sup>rd</sup> Year Student*

From the shores of the Caspian Sea to the crowded streets of Tokyo and Beijing, starting with world wars and going through conflicts in the Middle East, energy had been always reshaping the geo-political landscape of today's world. With the drama of energy monopoly and the struggle for its access, massive battles were and is being fought for controlling fields of energy, the insecurity of supply, the consequences of use, its impact on the global economy, and the geopolitics that dominate it continues to profoundly affect our world.

In other words, energy is an engine of global economic and political change, and "the world's appetite for energy in the upcoming years will grow enormously"; International Energy Agency (IEA) argues in its own scenario that the global demand for energy is projected to increase by 30% to 2040; the global quest for energy with the rising demand for oil, gas, coal etc. especially by the "energy-hungry"

developing countries such as India is truly reshaping our world.

There are many complex issues in the energy sector. However my major concern here is whether the world of tomorrow is going to be able to meet the increasing energy demands of 2 billion people soon expected to enter the consumer class and the availability of energy in the not-too-distant future. And to figure that out more statistical data regarding the sources and amounts of energy already exists and will be revealing in the coming decades are used.

1- Oil, the largest energy source and the veritable lifeblood of the major powers and developing ones of today's world; basically oil is expected to remain the world's largest energy resource. According to United States Energy Information Agency (EIA) International Energy Outlook 2016, the global supply of oil is expected to be enough to meet the world's demand which is expected to rise 20% and most likely Asia will remain the major source of oil demand growth through 2040.

Moreover oil prices are projected to rise in the long term, the price of crude oil, now around \$45 per barrel, is expected to be back to \$80 by 2020, and just keep going up from there.

2- Coal, currently the world's second-largest fuel behind oil and other liquids playing a vital role in electricity generating worldwide, expected to maintain its position behind oil until 2030; however from 2030 through 2040, it is going to lose its position for natural gas to be the third-largest energy source due to the encouragements for cleaner energy, as well as being the slowest-growing energy source, rising by only 0.6% per year through 2040 coal consumption will result in reducing to 165 quadrillion Btu in 2020 and to 176 quadrillion Btu in 2040; coal is expected to form 38% of global carbon emissions in 2040, down from 43 percent in 2012. Throughout the projection period, China is by far the leading coal producing country, accounting for over 47% of the world's total coal

output, followed by the United States and India and together forming 70% of coal consumption. Note that EIA expects the China's coal use to peak by 2025 thanks to the economic slowdown and pledge to cut emissions.

3- Natural gas, now coal was responsible for 38% of global carbon dioxide emissions. Natural gas, by comparison, will account for 26% of global carbon emissions in 2040, up from 20% in 2012. Gas which has lower carbon intensity than coal and petroleum is the fastest-growing fossil fuel in the outlook. The remaining resources of natural gas are abundant and can comfortably meet the projections of global demand growth included in IEA World Energy Outlook scenario to 2040 and well beyond. Proven reserves stood at 216 trillion cubic meters (tcm) at the end of 2014, equal to more than 60 years of production at current rates. Most natural gas production growth is expected to come from shale gas and tight oil through 2040.

Aside from coal and natural gas, wind, solar, hydropower

and other renewable sources of energy will be the world's fastest-growing electricity source through 2040, growing 2.9% per year. This means that by 2040, renewable resources generation of electricity will equal that of coal in 23 years.

EIA argues that renewable energy will be the fastest-growing energy source in the upcoming years with solar power being the most growing among all the renewables, growing by 2.6% annually and nuclear energy will increase from 4% to 6%. So zero-emission energies will dominate the world's energy supply system because we simply cannot continue to base our activities on the consumption of finite energy resources. Solar will account for 15% of newly-built renewables through 2040, with hydro and wind each accounting for 33%.

Despite the fact that no fossil fuels or renewable sources are expected to grow faster than fossil fuels, but the usage of fossil fuels is not likely to change much in the coming decades and it will still account for more than three-quarters of world energy

consumption through 2040 moreover gasoline and diesel will still move most of the world's vehicles and machines, and coal will still be the largest single source of carbon emissions.

Energy choices have never been as much diverse as it is now, and it is likely to continue to be as plentiful in the future thanks to the advanced energy technology in today's world, today we have access to shale gas and tight oil from North America, we have liquid natural gas from the Middle East, and oil from deep-water fields off the African coast, besides arrays of wind and solar facilities. Apparently all viable energy sources, both renewable and nonrenewable, will be needed to continue meeting global energy demands and needs because the scale of this demand is increasing.

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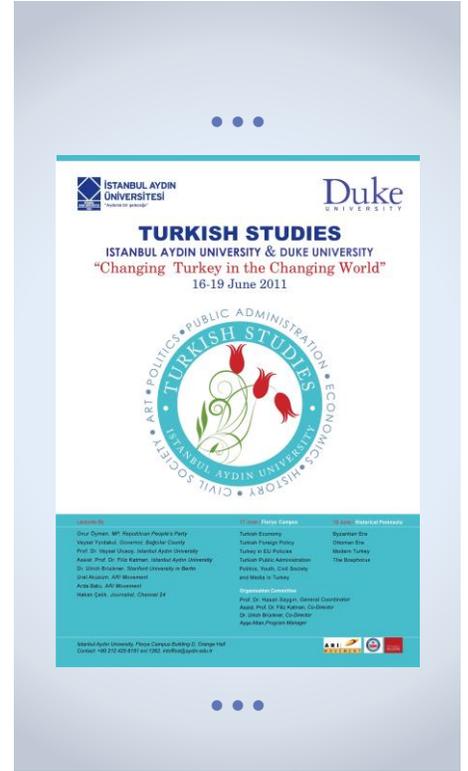
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## Istanbul Aydin University Energy Politics and Markets Research Center

Istanbul Aydin University

Inonu Caddesi, No: 38

34295 Sefakoy-Kucukcekmece, Istanbul, TURKEY

Office: A1302

Tel: +90 444 1 428 (24504)

Direct Tel: +90 212 411 61 70

Web: <http://www.aydin.edu.tr/tr-tr/arastirma/arastirmamerkezleri/eppam/Pages/default.aspx>

<http://www.aydin.edu.tr/en-us/arastirma/arastirmamerkezleri/eppam/Pages/default.aspx>

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*“Save Energy for Tomorrow, NOW!”*