

YEAR: 3 NO: 146 20 SEPTEMBER 2019, FRIDAY

### **EMU RECTOR PROF. DR. OSAM VISITS COUNCIL OF HIGHER EDUCATION PRESIDENT**

Mediterranean Eastern University (EMU) Rector Prof. Dr. Necdet Osam visited the Republic of Turkey Council of Higher Education President Prof. Dr. M. A. Yekta Saraç in his office in İstanbul on Wednesday, the 18th of September 2019. EMU Rector Prof. Dr. Necdet Osam had the following to say about the visit: "I visited the Republic of Turkey Council of Higher

Eastern

University

Education President Prof. Dr. M. A. Yekta Saraç in his office providing information about our university and higher education in the TRNC. I invited Prof. Dr. Saraç to the international meeting that will be hosted by our university in October. I would like to announce the good news that our university will be hosting Prof. Dr. Saraç in the Fall Semester."



## **MAGICAL** "EMU **40TH ANNIVERSARY** SYMPHONIC CONCERT"

### **BIG ACHIEVEMENT OF TEAM "ADA" COMPRISED OF EMU ENGINEERING STUDENTS**



The Eastern Mediterranean University (EMU) celebrated the honour of reaching its 40th year with a "40th Anniversary Symphonic Concert" which took place at the Ancient Theatre of Salamis on Friday, the 13th of September 2019 in front of an audience of over 2000 music lovers. The event which commenced at 21:00 featured the performance of the TRNC Presidential Symphony Orchestra (with Chef Orçun Orçunsel) and the Turkish band Mor ve Ötesi. Members of the general public travelled from all corners of the island to attend the magnificent event and celebrate EMU's 40th year. Cont. p. 2



vehicle "Mediterranean The Storm" designed and produced by the Electric Vehicle Development Center (EVDC) operating under Eastern Mediterranean (EMU) Rector's University Office represented the university and came fifth at the Scientific and Technological Research Council of Turkey (TUBİTAK) Efficiency Challenge competition which took place within the scope of TEKNOFEST. This year's competition took place at İstanbul Atatürk Airport between the 16th and 22nd of September, 2019. Team ADA represented EMU for the third time in

the 15th Annual Efficiency Challenge Competition. In 2017, the Z-ZERO electric vehicle developed by the Faculty Engineering, Department of of Engineering attended the competition finishing in 20th place out of 74 teams. This project was also seen fit to receive the Mechatronic Design Award as a result of its superiority in mechanic and electronic design, engineering work and being locality. Meanwhile the vehicle "Mediterranean Shark" finished the Electromobile 2018 Competition organized by TÜBİTAK in ninth place.



### MAGICAL "EMU 40TH ANNIVERSARY SYMPHONIC CONCERT"





#### The Audience was Mesmerized

The concert was attended by TRNC President Mustafa Akıncı, Prime Minister Ersin Tatar, ministers, members of parliament, bureaucrats, EMU Board of Trustees President Dr. Erdal Özcenk, EMU Rector Prof. Dr. Necdet Osam, Vice Rectors, Deans, EMU personnel and members of the general public. The Mor ve Ötesi and TRNC Presidential Symphony Orchestra performance merged rock and classical music receiving a thunderous applause from the audience. Mor ve Ötesi frontman Harun Tekin also made jokes in between his songs leading to the audience howling with laughter. At the end of the concert the TRNC Presidential Symphony Orchestra and Mor ve Ötesi were presented plaques by President Akıncı, Prime Minister Tatar, Deputy Prime Minister and Minister of Foreign Affairs Prof. Dr. Kudret Özersay, EMU Board of Trustees President Dr. Erdal Özcenk, EMU Rector Prof. Dr. Necdet Osam and Vice Rector for Student Affairs Prof. Dr. Sonuç Zorlu Oğurlu.

#### **Congratulations from President Akıncı**

In his speech during the concert President Akıncı, celebrated EMU's 40th year and congratulated Rector Prof. Dr. Necdet Osam, members of the Board of Trustees, academic staff, university personnel and EMU students. President Akıncı stated: "EMU is in its 40th year and the TRNC Presidential Symphony Orchestra is in its 4th. I wish them many more fruitful years".





### BIG ACHIEVEMENT OF TEAM "ADA" COMPRISED OF EMU ENGINEERING STUDENTS



#### EMU was the TRNC's Sole Representative

As the only participating institution from the Turkish Republic of Northern Cyprus (TRNC) this year EMU took part in the electro mobile category of the said competition with the "Storm" vehicle of team "ADA". Team ADA's project "Storm" was led by EVDC President Asst. Prof. Dr. Davut Solyalı. The team comprised of local and international undergraduate and postgraduate students. The design, development and production of project "Storm" took place fully under the scope of EMU with students using the university's facilities and laboratories.

The Efficiency Challenge is an annual competition for university students organized by TÜBİTAK since 2005. The Challenge aims to lead to the research of alternative and clean energy sources, to increase their use in the automotive sector and to raise awareness. The vehicles designed according to the city concept are examined in terms of high energy efficiency. The organization that greatly values local production requires 4 parts of the vehicle to be produced domestically since 2018.

#### "This is the Success of my Students"

After the recent success, EVDC President

Asst. Prof. Dr. Davut Solyalı stated the following: "Finally the competition is finished. Our students worked very hard for EMU and the TRNC. This success belongs to my students. I wholeheartedly congratulate them and wish the continuation of their success. The Efficiency Challenge Electrical Vehicle Competition organized by TÜBİTAK came to a magnificent end and awards were presented to their owners. More than 80 universities participated in intense competition. We attended this event for the third time this year with a team comprising of almost completely new members. More than 40 universities were eliminated in the control stage of the competition. All universities go through approximately three inspections. We are the only university to pass technical controls and dynamic test runs on our first try three years in a row."

#### "We Were Deemed Worthy of an Award"

Asst. Prof. Dr. Solyalı continued as follows: "Throughout the year, Team Ada organized many activities in our schools with the goal of implanting the love of science in our youth and creating awareness. Our efforts didn't go unnoticed by TÜBİTAK and we were deemed worthy of the "Promotion and Dissemination Incentive Award". In 2017, we attended the competition for the first time with our Z-ZERO electric vehicle. We finished the competition in 20th place and received the Mechatronic Design Award. In 2018, we competed with our vehicle 'Mediterranean SHARK' and finished in 9th position. Since 2017, we are the only university to be representing the TRNC. Each year, we have halved the weight of our vehicle. We have also improved aero-dynamics and friction. This year we competed with our 120kg weighing vehicle "Mediterranean STORM" and completed the The Efficiency Challenge Electrical Vehicle Competition in 5th position.

### "We Dedicate This Achievement to Our Country"

Asst. Prof. Dr. Solyalı concluded his words in the following manner: "I would like to thank our Rector Prof. Dr. Necdet Osam for his vision, belief and passion. The Rector's Office and many units operating under its roof have contributed greatly to our project. Their belief and support has made us stronger and I would like to extend my gratitude to them on behalf of the team. We dedicate this achievement to our country".



### A FEDERAL SOLUTION IN CYPRUS DISCUSSED AT EMU





A workshop titled "Evaluation of a Possible Federal Solution in Cyprus" organized by Eastern Mediterranean University Faculty of Law was held at EMU Business and Economics Faculty Meeting Hall BEA5 on Thursday, September 12, 2019. The keynote speaker of the workshop which took place under the moderation of EMU Law Faculty Constitutional Law Academic Staff Member Assist. Prof. Dr. Demet Celik Ulusoy was world-renowned political scientist Prof. Dr. Jan Erk. Among the participants of the workshop were EMU Faculty of Business and Economics, Department of Political Science and International Relations Chair Prof. Dr. Ahmet Sözen, EMU Faculty of Law academic staff members Assist. Prof. Dr. Arzu Alibaba, Assist. Prof. Dr. Emine Koçano Rhodes, and Assist. Prof. Dr. Seda Orbay, Near East University Faculty of Law academic staff member Asst. Prof. Dr. Aydın Atılan and Beykent University Faculty of Law academic staff member Dr. Mustafa Ercakica.

Youth organizations also joined the workshop because of their interest in the subject. Representatives of the Youth Initiative in Education, Independent Youth Platform and UK Turkish Cypriot Student Federation attended the workshop which focused on the framework of a possible Federal System in Cyprus, successful and unsuccessful federal systems in the world, identity, ethnicity, and authority sharing and the institutional, political and sociological dimensions of federal systems.

### Structure of the Federal System was Discussed

The issue of Cyprus dispute and solution is considered one of the longest-running issues of the international law. It is also known that a possible solution in Cyprus has been explained by international foci as a federal system being considered as part of a possible solution in Cyprus, many different ideas on different solution parameters have been put forward. In addition to discussing these ideas in the workshop, the resolutions of the UN Security Council and the federal system as a form of state emphasized by the Negotiation Desk were addressed.

As public debates, which may sometimes lead to information pollution, are not often very informative about the structure of the federal system and the design of an equal bi-communal federal system, views were exchanged on the institutional design, structure, sociological and political dimensions of a possible federal system. The workshop also hosted information exchange with reference to specific topics on the Cyprus issue, including the explanation of federalism in general, the institutional design of the federal system and the requirements for a sustainable federal system, the catalogues of the federal system's authority sharing and constitutional power sharing, disputes and dispute resolution in federal systems. It was also stated that in order to discuss the aforesaid issues more comprehensively, the organisation of new workshops in the future is essential.



### EMU REPRESENTED AT BAKU'S MOST PRESTIGIOUS MATHEMATICS CONFERENCE

A team comprising of Eastern Mediterranean University (EMU) Arts and Sciences Faculty, Department of Mathematics Chair Prof. Dr. Nazım İ. Mahmudov and academic staff members Prof. Dr. Agamirza Bashirov, Assoc. Prof. Dr. Suzan Cival Buranay and Dr. Övgü Çıdar İyikal represented EMU at the 8th International Eurasian Conference on Mathematical Sciences and Applications - 2019 (IECMSA - 2019).

Leading academicians in the field of mathematics delivered presentations at IECMSA 2019 which was dedicated to the 100th anniversary of Baku State University. The conference took place in Azerbaijan's capital of Baku. Baku State University is the oldest University in Azerbaijan that was established in 1919. Nobel Prize winning L.D. Landau studied at Baku State University between 1922 and 1924. With its history, education and academicians trained Baku State University is the leading university in Azerbaijan. At the conference whose General Coordinator was Prof. Dr. Murat Tosun from Sakarya University, Prof. Dr. Nazım İ. Mahmudov delivered a presentation titled "Representation of a Solution and Stability for a Sequential Fractional Impulsive Time-Delay Linear Systems". Prof. Dr. Agamirza Bashirov delivered a presentation titled "On Exact Controllability of Semilinear



Systems". Assoc. Prof. Dr. Suzan Cival Buranay delivered a presentation titled "Effective Error Estimate for the Hexagonal Grid Solution of Laplace's Equation on a Rectangle" and Dr. Övgü Çıdar İyikal delivered a presentation titled "Incomplete Block-Matrix Factorization of M-Matrices Using Two Step Iterative Method for Matrix Inversion and Preconditioning".

The International Eurasian Conference on Mathematical Sciences and Applications has been held annually in different locations since 2012. It is known for bringing together leading scientists that carry out mathematics research. Prof. Dr. Arif Salimov (Baku State University), Prof. Dr. Mourad E. H. Ismail (University of Central Florida), Prof. Dr. Ayman Rateb Badavi (American University of Sharjah), Prof. Dr. Toma Albu (Simion Stoilow Institute of Mathematics of the Romanian Academy), Prof. Dr. Varga Kalantarov (Koç University), Prof. Dr. Sidney A. Morris (Federation University Australia) and editors in chief of the world's most prestigious mathematics journals Prof. Dr. Wolfgang Sprössing (Freiberg University of Mining and Technology) and Prof. Dr. Francesco Altomare of Bari Aldo (University Moro) were amongst those mathematicians who received special invitations to IECMSA 2019.

### yeni program BIRAK BEN YAPAYIM

EKİM'DE



Mediterranean Uni-Eastern versity (EMU) Architecture Faculty, Department of Interior Architecture graduate Hakan Kütahya's brand new television program is starting on Turkey's popular television channel TLC. On the upcoming program, Hakan Kütahya will be working with couples who just can't seem to get into action regarding renovating their homes. With the education he received at EMU, his fantastic designs and



ideas, Kütahya will be renewing houses on the program titled "Bırak Ben Yapayım" (Let Me Do It) which is going to air on TLC very soon. The program that is expected to receive a great deal of viewer attention will feature the renovation of a different house on each episode. Viewers can access TLC from Channel 30 on Digiturk, Channel 36 on D-Smart, Channel 60 on Tivibu, Channel 34 on Cable TV, Channel 30 on TV+ and Channel

### EMU ARCHITECTURE FACULTY GRADUATE HAKAN KÜTAHYA'S MAGNIFICENT NEW PROGRAM WILL BE AIRING SOON ON TLC

30 on Vodafone TV.

#### Who Is Hakan Kütahya?

Hakan Kütahya was born in İstanbul in 1981. After studying in İstanbul until high school, he followed in his older brother's footsteps and studied at the EMU Architecture Faculty. After graduating from the Department of Interior Architecture he worked with a hotel architect for four years. During the next four years, he worked as a construction supervisor and developed an interest in photography. He merged the eye of an architect with photography and his Instagram account started to grow. Kütahya also managed to reach a large audience with his interior decoration choices and brand collaboration posts. Today the brands he works with include furniture Turkey's leading companies. As his followers grow, his program is about to air on TLC and his interior architecture guidebook is soon to be released. Hakan Kütahya seems set to make a name for himself in the near future.

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The Eastern Mediterranean University (EMU) Computer Center Directorate has been providing CISCO Systems Networking Academy Training for the last 15 years. EMU Network Manager and Networking Academy Representative Instructor Yusuf Küçük had previously obtained the "Academy Curriculum Excellence", "Instructor Excellence Expert" and "15 Years Academy Service" awards. Küçük recently obtained an Instructor Trainer Qualification (ITQ) certificate after sitting an exam under the supervision of Istanbul CISCO Systems' Middle East Technical Manager.

#### **An Important First**

With this certificate EMU earned the right to deliver CCNA Instructor Training for the Turkish Republic of Northern Cyprus (TRNC) and other countries in the region. Therefore, in addition to CISCO Networking Academy CISCO Education, EMU can now provide Academy Support Center (ASC) and Instructor Training Center (ITC) service to countries other than the TRNC. In a statement released concerning the latest developments, EMU Computer Center Director Aytaç Çerkez stated that they will be starting their CCNA Instructor Training courses in the new academic semester and highlighted that this is a first in the TRNC. Çerkez underlined that they will continue to deliver the newest content to EMU and the whole of the TRNC.

**EMU'S CISCO TRAINING SUCCESS** 

### The World's Biggest Training Portal

Networking Academy was established by Information Technologies and Communications world leader CISCO Systems in 1997. CISCO Networking Academy provides training on Networking, Internet of Things (IoT), Programming, Security, Operating Systems, Information Technologies and Packet Tracer. CISCO Networking Academy's primary industrial courses on CCNA R&S, Network Programming and CCNP R&S are applied courses. IoT, IoT Security, Big Data and Analytic, Python, C, C++, REST API, CCNA Cybersecurity and CCNA Security are CISCO Networking Academy's other important courses. CISCO Networking Academy holds the world's biggest training portal and trains 1 million experts in the field of Information Technologies each vear.

### EMU ATTENDS THE 13<sup>TH</sup> PAN-EUROPEAN CONFERENCE ON INTERNATIONAL RELATIONS



Eastern Mediterranean University Cyprus Policy Centre (EMU-CPC) Research Assistant Devrim Sahin participated in the 13th Pan-European Conference on International Relations. The theme of this year's conference was "A Century of Show and Tell: The Seen and the Unseen of International Relations." At the conference, Sahin delivered presentations on the work he carried out with EMU Department of Political Science and International Relations Chair / EMU-CPC President Prof. Dr. Ahmet Sözen. The conference which took place between the 10th and 14th of September 2019 at Sofia University was organized by the European International

Studies Association (EISA). The conference lasted for a period of four days and featured numerous panels, round-table meetings and workshops attended by academicians and students from all over the world.

### Comparing the Past and Present

Relations between the East and West were discussed at during the presentation of Şahin and Prof. Dr. Sözen's article titled "Time for a Nahost-Politik: EU's Need for a Strategic Vision Based Policy towards Turkey". This article was presented at the panel titled "Between the East and the West: The Image of Europe from Outside". Şahin argued that with tactical approaches similar to those which led to the downfall of the Athenian Democracy and the Roman Empire politics such as a readmission agreement between the EU and Turkey and the proposition of a special statute won't have useful longterm outcomes. Instead of these approaches, Şahin emphasized the need for strategies with a vision of transforming Turkey's dynamics in a peaceful and democratic manner.

### "Chaos and Order in World Politics"

During another panel. Şahin presented the article "Revolutionary chaotic peace: Reinforcing the peaceful global metamorphosis" which was written with Prof. Dr. Sözen also. Sahin argued that there has been a revolutionary structural metamorphosis in the system of international relations since World War 2. Sahin stated that the international system isn't anarchical and lacking a central authority as often perceived

by the traditional perspective but more of a chaotic structure with complex interconnected dynamics. Şahin provided weather as an example of a chaotic system. Stating that many dynamics such as humidity, air pressure and temperature operate without being dependant on a central system, Sahin underlined that the slightest change in one of these conditions can lead to large hurricanes somewhere else in the world.

Şahin stated that the main currents such as realism and liberalism or critical approaches such as Marxism, feminism and structuralism overlook this structural metamorphosis in the international system and concluded by indicating that a consciousness must be formed for states to show constructive behaviour, good will and courage in order for a more healthy international relations system to be created.



## 22<sup>ND</sup> EMU ORIENTATION DAYS CONTINUE

The 22nd Eastern Mediterranean University (EMU) Orientation and Welcoming Days are continuing. Around 1000 students have participated in the 22nd Orientation Days which commenced on the 9th of September 2019. The Orientation Days which will continue until the 28th of September 2019 are taking place under the sponsorship of North Cyprus Turkcell. The program offers new students a series of seminars and trips as well as an array of social and cultural activities to ease the adaptation process both to the university and the environment.

New students are being met at Ercan Airport as well as at the Famagusta and Kyrenia ports before being taken to their dormitories. As part of the Orientation Days, information desks have been set up for new students and their families outside the EMU-2 Dormitory, the Social and Cultural Activities Directorate, Registrar's Office, Foreign Languages and English Preparatory School and the International Office. Within the framework of the 22nd Orientation Days, film screenings will be taking place at the open-air cinema set up in front of EMU-2 dormitory every night at 8:00 p.m from the 16th to the 26th of September 2019 in addition to other social and cultural activities such as games and live music. Such events will provide new students with the opportunity to meet other new students in a social context

New students will also be offered various tours within the TRNC, including a Famagusta tour on the 20th of September 2019, a Nicosia and Kyrenia tour on the 21st of September 2019 and a Karpaz tour on the 22nd of September 2019. Assistants will also be taking part in the tours and will be available to answer any questions the students may have.

### Welcoming Night on the 27<sup>th</sup> of September

On the 27th of September 2019, a "Welcoming Night" celebrating the arrival of newly registered students will be taking place. At 19:30 Ahmet Evan and The Healers will be performing concerts at









the EMU Atatürk Square. The Welcoming Night will also feature the promotion of different Faculties and Schools as well as various sports competitions, stage performances and recreational activities organized by Student Clubs. New students and their families will have the opportunity to try traditional Cypriot dishes in addition to meeting and socializing with other new students.



### **EMU'S FREE BUS SERVICE IS AVAILABLE FROM** THE 23<sup>RD</sup> OF SEPTEMBER



### Girne-DAÜ, Karpaz-DAÜ, Lefkoşa-DAÜ,

Ücretsiz Otobüs Servislerimiz 2019-2020 Akademik Yılında devam edecektir.





#### This Week's Academic Publications

#### Faculty of Business & Economics

1- Andrew Adewale Alola, Uju Violet Alola, and Seyi Saint Akadiri. "Renewable energy consumption in Coastline Mediterranean Countries: impact of environmental degradation and housing policy." Environmental Science and Pollution Research 26, no. 25 (2019): 25789-25801.

2- Seyi Saint Akadari, Andrew Adewale Chigozie Alola, Ada and Uju Violet Alola. Akadiri, "Renewable energy consumption in EU-28 countries: policy toward sustainability." Energy Policy 132 (2019): 803-810. **3-** Mat-

3- Mehmet Balcilar, Ojonugwa Usman, and Esther Abdul Agbede. "Revisiting the Exchange Rate Pass-Through to Inflation in Africa's Two Largest Economies: Nigeria and South Africa." African Development Review 31, no. 2 (2019): 245-257.

#### Faculty of Engineering

1- Gergely Kovacs, Benedek Nagy, and Béla Vizvári. "Chamfer distances

on the isometric grid: a structural description of minimal distances based linear programming approach. on Journal of Combinatorial Optimization 38, no.3 (2019): 86-886.

**2- Arian Bahrami**, Amir Teimourian, Chiemeka Onyeka Okoye, and Nima Khosravi. "Assessing the feasibility of wind energy as a power source in Turkmenistan; A major opportunity for Central Asia's energy market." Energy 183 (2019):415-427

3- G. Prakash, Mehdi Darbandi, N. Gafar, Noor H. Jabarullah, and Mohammad Reza Jalali. "A New Design of 2-Bit Universal Shift Register Using Rotated Majority Gate Based on Quantum-Dot Cellular Automata Technology." International Journal of Theoretical Physics 58, no.9 (2019): 3006-3024.

4- Arian Bahrami, Ali Zargaripoor, Hamidreza Shiri, and Nima "Size-dependent Khosravi. free vibration of axially functionally graded tapered nanorods having nonlinear spring constraint with a tip nanoparticle." Journal of Vibration and Control (2019): (Early Access) 5- Ufuk Parali, Metin Zontul, and Last year the Eastern Mediterranean University (EMU) announced to the public that as a result of the fluctuation in the foreign exchange market one of the precautions taken by the university was to provide all students with free transportation. The free bus service is also going to be available in the new academic year.

By expanding the free bus service that has been provided within Famagusta for years, EMU aims for more students to make use of its transportation services. This year Karpaz has been added to the destinations covered by the EMU bus service. During the 2019-2020 Academic Year, EMU will be providing students free buses to Nicosia, Kyrenia, İskele and Karpaz from the 23rd of September 2019.

#### **Applications Commence on** the 19th of September

Students who want to make use of the bus service need to apply from their student portals from the 19th of September 2019. Applications will continue until the 30th of September 2019. Students can collect their bus passes from the Registrar's Office 3 days after submitting applications. their Further information can be obtained from the student portal.

#### Source: Web of Science

Duygu Celik Ertugrul. "Information Retrieval Using the Reduced Row Echelon Form of a Term-Document Matrix." Journal of Internet Technology 20, no. 4 (2019): 1037-1046.

6- Sertac Bayhan, S. Sajjad Seyedalipour, Hasan Komurcugil, and Haitham Abu-Rub. "Lyapunov Function Based Energy Control Method for Three-Phase UPS Inverters With Output Voltage Feedback Loops IEEE Access 7 (2019): 113699-113711.

#### Faculty of Health Sciences

1- Belgin Siriken. Gökhan Al. and Irfan Erol. "Prevalence and Antibiotic Resistance of Salmonella Enteritidis and Salmonella Typhimurium in Ground Beef and Meatball Samples in Samsun, Turkey." Microbial Drug Resistance (2019): (Early Access)

#### Faculty of Arts & Sciences

1- Gergely Kovacs, Benedek Nagy, and Béla Vizvári. "Chamfer distances on the isometric grid: a structural description of minimal distances based on linear programming approach." Journal of Combinatorial Optimization 38, no.3 (2019): 86-886.

2-S. Habib Mazharimousavi, and M. Halilsoy. "Note on regular magnetic black hole." Physics Letters B 796 (2019): 123-125.

3- Nazım I. Mahmudov, Sedef Emin, and Sameer Bawanah. "On the Parametrization of Caputo-Type Differential Equations Fractional with Two-Point Nonlinear Boundary Conditions." Mathematics 7, no. 8 (2019): 707.

#### Faculty of Pharmacy

1- Hayrettin Ozan Ğulcan, Açelva Mavideniz, Mustafa Fethi Sahin, and Ilkay Erdogan Orhan. "Benzimidazolederived Compounds Designed for Different Targets of Alzheimer's Disease." Current medicinal chemistry 26, no.18 (2019):3260-3278.

Faculty of Tourism 1- Gabil Guliyev, Turgay Avci, Ali Öztüren, and Farzad Safaeimanesh. "Effects of professionalism employee satisfaction on and organizational commitment at five star hotels in Baku." JEEMS Journal of East European Management Studies 24, no. 3 (2019): 423-446.

