PROF. DR. VOLKAN Ş. EDIGER

PERSONAL

Date and Place of Birth: September 25, 1953; Ereğli-Konya, Turkey

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EDUCATION

1982–1986 Pennsylvania State University (PSU), Department of Geosciences, Pennsylvania, USA PhD, Overall Cumulative: 4.00/4.00. Summa cum laude
Supported by US National Science Foundation (NSF) Research Assistantship (1982–1984), Teaching Assistantship (1984–1985), Laboratory Coordinator and Instructor (1985–1986)

1976–1980 Middle East Technical University (METU), Geological Engineering Department, Ankara MSc, Overall Cumulative: 3.90/4.00. *Magna cum laude*Supported by METU Research and Teaching Assistantship (1976–1977)

1970–1976 Middle East Technical University (METU), Geological Engineering Department, Ankara BSc, Overall Cumulative: 2.76/4.00. *Second in his class*Supported by Etibank General Directorate Scholarship (1971–1976)

CAREER

2011-present Kadir Has University (KHAS), Istanbul

- Professor of Energy Systems Engineering, 2011–present
- University Executive Board, Member, 2017-present
- Strategy Development and Research (STRAR), Founding Coordinator, 2011–2018
- Energy Systems Engineering Department, Founding Head, 2011–present
- CESD-Center for Energy and Sustainable Development, Founding Director, 2015 present
- Faculty of Engineering and Natural Sciences, Faculty Committee, 2011–present
- Faculty of Engineering and Natural Sciences, Administrative Board, 2012–2015
- Scientific Research Projects Committee (BAP), Committee Member, 2011–2017
- University Human Resources Committee, Committee Member, 2012–2015
- Academic Evaluation and Quality Improvement Committee-ADEK, Committee Member, 2012–2015
- Silivri Industrialist and Businessman Association-SİAD Cooperation Committee, *Chairman*, 2011–2015
- Interuniversity Entrepreneurship and Innovation Index Committee, *Chairman*, 2011–2018
- Higher Education Credit and Hostels Institution, Representing KHAS, 2011–2018
- Inter-University Council, Representing KHAS, 2011–2017
- Graduate Scholarship Committee, Chairman, 2011–2014
- Quality Commission, Coordinator, 2015-2018
- INEO-Innovation and Entrepreneurship Office, Executive Committee, 2016–2018

2010–2011 İzmir University of Economics (IUE), Izmir

• Professor of Energy Economics

- Research and Graduate Policies (ALP), Founding Director
- Sustainable Energy Master Program, Founding Chairman
- Faculty of Economics and Administrative Sciences, Faculty Committee
- Faculty of Economics and Administrative Sciences, Administrative Board
- Faculty of Engineering and Computer Sciences, Faculty Committee
- Faculty of Engineering and Computer Sciences, Administrative Board
- University Administrative Planning Committee, Committee Member
- IEU 2010–2014 Strategic Plan Committee, Committee Member
- IEU Scientific Research Projects Committee, Committee Member
- İzmir Technology Development Zone, Executive Committee
- İzmir Technology Development Zone, Board of Supervisor Representing IEU

1998–2010 Presidency of the Republic of Turkey (CB), Ankara

- Energy Advisor to the President
- Working Group on Economy and International Relations, Coordinator (2003–2007)

1977–1998 Turkish Petroleum Corporation (TPAO) Research Center, Ankara

- Technical Project Adviser (1996–1998)
- Deputy Head (1992–1996)
- Manager of Exploration Laboratories (1989–1992)
- Senior Geologist (1986–1989)
- Chief Geologist (1981–1982)
- General Staff of Turkey, Compulsory Military Service, Second Lieutenant, English Translator and Interpreter (1980–1981)
- Gulf Research & Development Company, Houston, Texas *UNDP Fellow-Visiting Scientist* (1978–1979)
- Pennsylvania State University, State College, Pennsylvania UNDP Fellow-Visiting Scientist (1979)
- Palynologist and Organic Petrographer (1977–1980)

1977-2010 Middle East Technical University, Geological Engineering Department, Ankara

- Part-time Instructor (1987–2010)
- Associated Professor (1992), Teaching and Research Assistant (1976-1977)

RESEARCH AREAS

Energy sources' reserve, exploration and production, consumption; Forecasting and modeling of energy production and consumption; Energy economy and development; Sustainable energy development; Energy indexes; Energy policies; International energy relations; Energy security and geopolitics; Fossil fuel history; Renewable Energy; Energy transition

PROFESSIONAL SERVICE

Scientific Journals

- Applied Energy-SCI, Referee, 2021–present
- International Energy Journal (IEJ)-ESCI, Referee, 2021—present
- Teknik Dergi-SCI, Referee, 2021-present
- Earth Sciences Review-SCI, Referee, 2018-present
- Gaziosmanpaşa University, Social Sciences Research Journal, Referee, 2018–present
- Nature Energy-SCI EXP, Referee, 2017-present
- Energy Exploration and Exploitation-SCI, Referee, 2017-present
- Geopolitics-SCI, Referee, 2015-present
- IJOGCT-International Journal of Oil, Gas and Coal Technology, Referee, 2015-present

- Research Journal of Environmental Sciences, Editorial Board, 2015-present
- Arabian Journal of Geoscience-SCI, Referee, 2014-present
- Abstract and Applied Analysis–SCI, Referee, 2014–present
- Energy and Diplomacy, Referees and Advisory Board, 2014–present
- Uluslararası İlişkiler–SSCI, Referee, 2013–present
- The Arabian Journal for Science & Engineering—SCI, Referee, 2013—present
- The Energy Journal–SCI, Referee, 2013–present
- Abstract and Applied Analysis, Referee, 2013 present
- Bilge Strateji Dergisi, Referee, 2012– present
- Karadeniz Araştırmaları, Referee, 2012 present
- Energy Conversion and Management-SCI EXP, Referee, 2011- present
- Energy Market and Regulation Journal, Academic Advisory Board, 2010– present
- Energy Economics-SSCI, Referee, 2009- present
- ORSAM Middle Eastern Analysis, Advisory Board, 2009-2014
- SAREM Journal of Strategic Research, Advisory Board, 2009–2012
- Comptes Rendus Geoscience–SCI EXP, Referee, 2008– present
- JSSM Journal of Service Science and Management, Referee, 2008– present
- Bilig Journal of Social Sciences of the Turkish World

 —SSCI, Referee, 2008

 present
- Marine and Petroleum Geology, Referee, 2008– present
- The Journal of International Trade and Diplomacy, Referee, 2007– present
- TÜBİTAK Turkish Journal of Earth Sciences, Referee, 2006– present
- Perception, Referee, 2005- present
- Energy Policy-SCI EXP-SSCI, Referee, 2003- present
- NU Bulletin of Engineering Sciences, Scientific Committee, 1998– present
- Bulletin of Earth Sciences Application and Research Center of HU Scientific Committee, 1997

 present
- TÜBİTAK Doğa Turkish Scientific Journal, Referee, 1988–1998
- Turkish Association of Petroleum Geologists Bulletin, Scientific Committee and Editorial Board, 1988— present

Scientific Committees and Commissions

- Energy and Climate Talks, 3 November 2020-2 March 2021, 10 events, Chairman
- GSCESD-2020: Graduate Student Conference on Energy and Sustainable Development, 17 December 2020, Istanbul, *Honorary Chairman*
- Online Energy Talks, 28 April-30 June 2020, 10 events, Chairman
- 7th Multinational Energy and Value Conference, May 23-25, 2019, Ankara, Turkey, https://www.centerforenergyandvalue.org/files/EV2019%20Call%20for%20Papers.pdf, *Program Committee*
- GSCESD-2019: Graduate Student Conference on Energy and Sustainable Development, 3 May 2019, Istanbul, *Honorary Chairman*
- ACSTM 2019-3rd Asian Conference on Science, Technology and Medicine, 12-14 February 2019, Dubai, https://medical.acstm.org/committee.php, *Scientific Committee*
- CPESE 2018-5th International Conference on Power and Energy Systems Engineering, 19-21 September 2018, Nagoya, Japan, *Technical Committee*
- GSCESD-2018: Graduate Student Conference on Energy and Sustainable Development, 4 May 2018, Istanbul, *Honorary Chairman*
- SHURA Energy Transition Center, Advisory Board Member (March 2018–present)
- Energy Talks, 15 February 2018-5 December 2019, 14 events. Chairman.
- TUBITAK-SOBAG-Social Sciences and Humanities Research Support Group, *Member* (2018–2019)

- 6th Multinational Energy and Value Conference, Güzelyurt, Cyprus, 18–20 May 2017, Program Committee
- 4th INPPS-International Nuclear Power Plants Summit, İstanbul, 8–9 March 2017, Organizing *Committee*
- ENSGEM 2016-1st International Conference on Energy Security and Geopolitics in the Eastern Mediterranean, METU Northern Cyprus Campus and Kadir Has University Center for Energy and Sustainable Development, Kalkanlı, Cyprus, 5–7 May 2016, *General Co-Chair*.
- 69th Geological Congress of Turkey, Ankara, 11-15 April 2016, Ankara, General Chair.
- 3rd INPPS-International Nuclear Power Plants Summit, İstanbul, 8–9 March 2016, *Organizing Committee*
- Inspiring the Youth Leaders for Future Energy Roles, The Bosphorus Energy Club Hosted by Kadir Has University, İstanbul, 9 December 2015, *Jury*.
- Israel Science Foundation (ISF), Reviewer (2015–present)
- Scientific and Technological Research Council of Turkey (TÜBİTAK) ÇAYDAG, External Adviser (2015–present)
- Green Business: Sustainable Business Summit, 8-9 October 2015, Advisory Board Member, Sustainable Business Award Jury Member
- IPETGAS-International Oil and Gas Conference and Exhibition, 27-29 May 2015, Ankara, *Program Committee*
- 5th Multinational Energy and Value Conference, İstanbul, 7-10 May 2015, *General Co-Chair*.
- 2nd INPPS-International Nuclear Power Plants Summit, Istanbul, 19-20 March 2015, Scientific Committee
- Il İstanbul Carbon Summit, 2-3 April 2015, *Scientific Committee Co-Chair, Organizing Committee*.
- İstanbul Metropolitan Municipality 2015-2019 Strategic Plan, Expert (12-13.06.2014)
- Gaziantep Municipality, Energy Efficiency in Industry Awards, Jury Member (2014)
- I. Nuclear Power Plants Summit, Istanbul, 30-31 May 2014, *Scientific Committee* (2013–2014)
- 38th IAEE (International Association for Energy Economics) International Conference, Antalya, 6-8 April 2015, *Publications Committee Chair* (2013–2014), *International Program Committee*.
- AAPG (American Association of Petroleum Geologists) ICE—International Conference Exhibition, İstanbul, 14–17 September 2014, *General Chair*.
- 1st İstanbul Carbon Summit, 3-5 April 2014, *Scientific Committee Co-Chair, Organizing Committee*.
- 5th Green Business 2013, Advisory Board.
- AAPG Geosciences Technology Workshop on Hydrocarbon Trapping Mechanisms in the Middle East, İstanbul, 10–12 December 2012, *Technical Programme Committee* (2012)
- Green Business 2012, Advisory Board.
- Sezin Schools, Fourth Futurist Scenario Contest, Jury.
- İstanbul Stock Market (İMKB) Sustainability Index Project (ISESI) Advisory Board (2010–present)
- 2nd EIF International Energy Congress, Ankara, 21-22 October 2010, *President*.
- Energy Productivity Search Conference, TEVEM, 1-2 May 2010, Kartepe, Sapanca, *Chief Moderator*.
- 6th Kadir Has Awards on Renewable Energy Potential and Availability in Turkey, *Jury Member* (2010).
- ORSAM Ortadoğu Analiz, Advisory Board (2009-2014).

- STEAM International Carbon Markets Arena, Istanbul, 13-14 August 2009, *Conference Chairman*.
- INGAS 2009—Third International Natural Gas Symposium Honors and Advisor Committee.
- 31st IAEE International Conference (The First Zero-Emission Conference Organized in Turkey), *Executive Committee* (2008)
- The Scientific and Technological Research Council of Turkey, Public R&D Projects Evaluation Panelist (2008)
- General Staff of Turkey, Strategic Research and Study Center (SAREM) External Energy Specialist (2007-2012)
- Istanbul Technical University Petroleum and Natural Gas Engineering Department *Industrial Advisory Board* (2006)
- Istanbul University Scientific Project Evaluation, Adviser (2003)
- 2nd International Symposium on the Petroleum Geology and Hydrocarbon Potential of the Black Sea Area, *Scientific Committee* (1996)
- 11th Petroleum Congress of Turkey, *Scientific Committee* (1996)
- 6th International Symposium on Fossil Algae and Carbonate Platforms *Scientific Committee* (1995)
- Symposium of Geology of Thrace Basin, *President of the Scientific Committee* Vice President of the Organization Committee (1995)
- Turkish Prime Ministry State Planning Organization's Seventh Five-Year Development Plan, *Energy Commission* (1991–1995)
- IESCA-International Earth Sciences Congress of Aegean Region, Scientific Committee (1990)
- Eighth Petroleum Congress of Turkey, Scientific Committee (1990).
- Turkish Association of Petroleum Geologists' Bulletin, *Scientific Committee and Editorial Board Member* (1988-1998).
- 5th Petroleum Congress of Turkey, *Technical Program Committee Secretary* (1980)
- TMMOB Chambers of Geological Engineers, Petroleum Commission (1982)

Professional Societies

- ERGÜÇ-Ereğli Güç Birliği ve Kalkınma Foundation, *Board of Trustee* (2016–present)
- Business-to-Business (B2B) Matchmaking Society, Founding Executive Board (2014–2016)
- Cercle d'Orient, Istanbul (2014–present)
- SUT-D-Sustainable Production and Consumption Association, *Founding Executive Board* (2013–2016)
- AAPG-American Association of Petroleum Geologists, *Member* (2013–present)
- Foundation on Energy and Climate Change (ENIVA), Founding President (2010-present)
- Turkish Council of Foreign Relations, *Member* (2009–present)
- Center for Middle East Strategic Studies (ORSAM), Advisory Board (2008–2013)
- IAEE Turkish Association for Energy Economics (EED), Founding Member (2005–2015) Executive Board (2005–2010; 2012–present), Auditing Board (2010–2012)
- Fossil Ankara Group, Member (2001-present)
- METU Alumni Association, Member (2000-present)
- World Energy Council Turkish National Committee, Member (1997–present)
- Ozan Sungurlu Science, Education and Aid Fund, Member (1992–present)
 Science and Education Committee President (1994–1998)
- TPAO Personnel Fund, Member (1987–), Executive Board (1992–1993)
- Regional Committee on Mediterranean Neogene Stratigraphy, Member (1989–1998)

- Ankara Turkish-American Association, Member (1987–present)
- Int. Federation of Palynological Societies Representative of Turkey (1979–1990)
- Turkish Committee for Palynology, President (1979–1980, 1991–1992)
- American Association of Stratigraphic Palynologists-AASP,
 Member (1989–1998), Middle East Regional Representative (1989–1992)
- Turkish Association of Petroleum Geologists-TAPG, Member (1978–present)
- Chamber of Geological Engineers of Turkey
 Member (1976–present), METU Representative (1976)
- Geological Society of Turkey, Member (1973–1987), Executive Board (1980)

AWARDS AND RECOGNITIONS

- CPESE-5th International Conference on Power and Energy Systems Engineering, Certificate of Appreciation (2018)
- ECM-Energy Conversion and Management Journal, *Certificate of Outstanding Contribution in Reviewing* (2016)
- The Most Successful Scientists in Turkey, FP7 Project Acumen, 688/1000 (2015) https://www.memurlar.net/haber/510663/turkiye-nin-en-basarili-bilim-insanlari.html
- AAPG-American Association of Petroleum Geologists, Certificate of Merit (2015)
- POWER-GEN Europe, Top 10 Most Influential Voices in the Power Generation Today
 (2013). https://www.iyigunler.net/gundem/volkan-ediger-avrupanin-enerji-alaninda-en-etkili-10-ismi-arasinda-h152027.html
- Marquis Who's Who in the World-26th Edition (2009)
- IBC's Top 100 Professionals (2009)
- The Oil and Gas Year, The Who's Who of the Global Energy Industry (2008)
- Turkish Association of Petroleum Geologists, Cevat Eyüp Taşman Award (2007)
- Turkish Journalists Association, Sedat Simavi Social Sciences Award (2006)
- Middle East Technical University, Best Thesis Supervisor Award (2006)
- General Secretariat, Presidential Office of Republic of Turkey, Letter of Appreciation (2001, 2005)
- Middle East Technical University, Geological Engineering Department, Student Evaluation Poll, Distinguished Lecturer (2001)
- General Secretariat, Presidential Office of Republic of Turkey, Certificate of Appreciation Based on Law 657, Article 122 (2000)
- Who's Who in Turkey, Seventh Edition (2000)
- Geological Aspects of Reservoir Characteristics Conference, Baku, Azerbaijan, Conference Special Award (1995)
- Turkish Association of Petroleum Geologists Eighth Petroleum Congress of Turkey, Special Contribution Award (1990)
- Sigma Xi Scientific Research Society, *Elected Member* (1984)

COURSES THOUGHT¹

Kadir Has University

- ESD 540 Energy Security and Geopolitics (2016-2021)**
- KHAS 102 Scientific Discoveries and Engineering (2019-2021)**
- KHAS 101 Origins and Consequences (2019-2021)**
- ESD 550 Special Energy Topics (2018-2021)**

¹ ** In English; * in Turkish with English abstract; otherwise in Turkish.

- SGS 501 Research Methods (2017-2021)**
- ESD 510 Energy Science and Engineering (2016-2021)**
- ESE 311 Fossil Energy Sources (2015-2018)**
- ESE 202 Energy Systems (2014-2020)**
- ESE 301 Renewable Energy Resources (2012-2014)**

İzmir University of Economics

- ESE 340 Energy and Resources (2010-2011)**
- ES 310 Turkish Energy System (2011-2012)**

The Middle East Technical University

- GEOE 530 Economics of Energy Resources (1995-2010)**
- GEOE 492 Geological Engineering Design II (2008–2009)**
- GEOE 410 Petroleum Geology (1997-2007)**
- GEOE 324 Principles of Petroleum Geology (1996-2000)**
- GEOE 422 Coal Geology (1990-1998)**
- GEOE 521 Advanced Coal Geology (1987-1994)**
- GEOE 513 Advanced Stratigraphic Paleontology (1987–1988)**

The Pennsylvania State University

• GEOSC 20 Geology for Non-Science Majors (1985-1986)**

THESIS SUPERVISED

- Mehmet Burak Şuşoğlu, January 2020, "Switching to Decentralized Renewable Energy Systems for a Sustainable Development of Turkey", Kadir Has University, Energy and Sustainable Development Program, M.A. Thesis. Together with Assoc.Prof.Dr. Gökhan Kirkil.**
- Elif Güney, January 2020, "Renewable Energy Cooperation in the BRICS: A Realistic Option", Kadir Has University, Energy and Sustainable Development Program, M.A. Thesis. Together with Assoc.Prof.Dr. H. Akın Ünver.**
- Eman Bassam Abusada, January 2020, "The Renewable Energy Transition in the United Arab Emirates", Kadir Has University, Energy and Sustainable Development Program, M.A. Thesis.**
- Tuna Alper Sezgin, May 2019, Eastern Mediterranean Gas: Does Turkey's Energy Future Lay Under the Sea?", Kadir Has University, Energy and Sustainable Development Program, Master's Graduation Project.**
- Gözde Nur Karagöz, May 2019, "Renewable Energy in Turkey: A Cleaner, Self-Sufficient Alternative to Coal", Kadir Has University, Energy and Sustainable Development Program, M.A. Thesis.**
- Mesut Can Yılmaz, May 2019, "The Renewable Energy Transition in Turkey", Kadir Has University, Energy and Sustainable Development Program, M.A Thesis. Together with Assoc.Prof.Dr. Gökhan Kirkil.**
- Melike Eken, May 2019, "The International Politics of Climate Change: Bargaining and Negotiation Process from Kyoto to Paris", Kadir Has University, Energy and Sustainable Development Program, M.A. Thesis. Together with Assoc.Prof.Dr. Akın Ünver.**
- M. Batuhan Alkan, March 2019, "Importance of LNG in Turkey's Natural Supply Security", M.Sc. Thesis. Together with Assoc.Prof.Dr. Gökhan Kirkil.**
- Hazal Mengi Dinçer, December 2018, "The Role of IRENA in Global Renewable Energy Policies", Kadir Has University, Energy and Sustainable Development Program, M.A. Thesis. Together with Assoc.Prof.Dr. Çağla Gül Yesevi.**
- Mohammad Jasim, February 2016, "An Evaluation of Energy and Electricity in Pakistan", Kadir Has University Industrial Engineering M.Sc. Thesis.**

- Abdurrahman Belel Ismaila, September 2013, "A Geoinformatics Based Spatial Analysis of Renewable Energy Potential of Nigeria", METU Department of Mining Engineering, Ph.D. Thesis.**
- Abdullah Doğan, May 2013, "Electricity Price Forecasting Models within Risk Management Context", Kadir Has University, MBA Thesis.*
- Zeynep Ceren Akyüz, 2011, "Evolution of Oil Politics in Iraq from the 20th Century Onwards", METU Middle Eastern Studies, M.Sc. Thesis.**
- Argun Başkan, 2011, "European Union-Russian Federation Energy Trade Relationship: A Partial regime Formation Process (1991–2008)", METU Department of International Relations, Ph.D. Thesis.**
- Okan Yardımcı, 2010, "The Effect of Oil Prices on Natural Gas Prices and Suggestions for Turkey", Energy Market Regulatory Authority Expertise Thesis.*
- Görkem Yusuf Topçu, 2010, "The Possible Position of Ceyhan in the International Oil Market", Energy Market Regulatory Authority Expertise Thesis.*
- Oray Güngör, 2010, "The Effect of the Future of Oil and Gas on the Energy Supply Security of Turkey", Energy Market Regulatory Authority Expertise Thesis.*
- Özkan Huvaz, 2005, "Investigation of the Thermal Gradient History of the Thrace Basin, NW Turkey, by Using a Modified Easy%Ro Maturity Model, Department of Geological Engineering", Ph.D. Thesis. METU Best Thesis Award.**
- Nurdan Yavuz, 2000, "Palynostratigraphy and Coal Petrography of the Seyitömer Basin (Kütahya) Coals", METU Department of Geological Engineering, Ph.D. Thesis.**
- Zühtü Batı, 1996, "Palynostratigraphy and Coal Petrography of the Upper Oligocene Lignites of the Northern Thrace Basin, NW Turkey", METU Department of Geological Engineering, Ph.D. Thesis.**
- Nurdan Yavuz, 1995, "Palynology, Organic Petrography and Geochemistry of the Lower-Middle Miocene Coals of the Tavşanlı Basin (Kütahya)", METU Department of Geological Engineering, M.Sc. Thesis.**

R&D PROJECT ACTIVITIES

- **2020-2023** *Researcher*, ENGINE–Engineering curricula modernization in renewable energy in Albanian Universities, supported by Erasmus+ 619338-EPP-1-2020-1-AL-EPPKA2-CBHE-JP
- **2019-2020** Project Manager, Strategic communication plan for energy efficiency (Enerji Verimliliği Strategic İletişim Planı), supported by Ministry of Energy, Energy Efficiency and Environment Directorate (EVÇED).
- **2019-2023** *Researcher*, GEOSMART-Technologies for geothermal to enhance competitiveness in smart and flexible operation, supported by H2020-LC-SC3-2018-2019-2020.
- **2018-2021** Advisory Committee, GEORISK-Developing geothermal and renewable energy projects by mitigating their risks, supported by H2020-LC-SC3-RES-28-2018-2019-2020.
- **2018-2021** *Researcher,* Open ENTRANCE-Open ENergy TRansition ANalyses for a low-carbon Economy, supported by H2020-LC-SC3-2018-NZE-CC.
- **2018-2019** *Project Manager,* "Turkish Public Preferences for Energy-3", supported by Scientific Research Project Fund (BAP) of Kadir Has University.
- **2018-2019** *Project Manager*, "Mythmaking in Oil-Scarce States: Analysis of Turkey and Comparison with Morocco, Jordan, or Kyrgyzstan", supported by Scientific Research Project Fund (BAP) of Kadir Has University.
- **2017-2018** *Project Manager,* "Turkish Public Preferences for Energy-2", supported by Scientific Research Project Fund (BAP) of Kadir Has University.
- **2017-2020** Researcher, S-PARC: Envisioning and Testing New Models of Sustainable Energy Cooperation and Services in Industria Parks, Supported by H2020-EE-2016-2017.

- **2016-2017** *Project Manager,* "Turkish Public Preferences for Energy-1", supported by Scientific Research Project Fund (BAP) of Kadir Has University.
- **2016** External Evaluator, "Turkey's Potential as Future Energy HUB-Economic Developments and Political Options", Blackwechsel: Contemporary Turkey Studies, supported by Stiftung Mercator, Germany.
- 2016 Exchange Scientist, "ICELCT-International Exchange o Leadership in Conflict Transformation", supported by EU-FP7-PEOPLE-2012-IRSES-Marie Curie Action: International Research Staff Exchange Scheme. A joint project between KHAS, Coventry University, and Stellenbosh University. 29 May-26 June 2016.
- **2016-2017** *Project Advisor,* "Turkish Public Preferences for Energy", supported by Scientific Research Project Fund (BAP) of Kadir Has University.
- TUBITAK's H2020 Travel Support Programme. Info Day on the Horizon 2020 Work Programme 2016-2017 "Secure, Clean and Efficient Energy" and H 2020 Brokerage Event, 14-16 September 2015, Brussels, Belgium.
- **2013-2017** Associated Partner, "Anatolian pLateau climatE and Tectonic hazards", supported by EU FP7-PEOPLE-2013-ITN. Under the coordination of Universitaet Potsdam, 10 full beneficiary participants and 5 associated partners.
- 2012–2013 Project Manager, "Climate Change and Sustainable Energy in Turkey", supported by ENIVA (Energy and Climate Change Foundation)
 Volkan Ş. Ediger, ed., 2013. Climate Change and Sustainable Energy Development in Turkey, Istanbul, ENIVA Publications, 145 p.
- 2010–2014 Project Manager, "History of TKİ and Coal Strategies of Turkey", supported by TKİ-Turkish Coal Enterprises
 Volkan Ş. Ediger, Coal Strategies of Turkey, Turkish Coal Enterprises Project Report,
 - Volkan Ş. Ediger, *Coal Strategies of Turkey*, Turkish Coal Enterprises Project Report, 497 p., December 2014.
- 2010–2011 Project Manager, "Energy Security in the Black Sea Region", supported by the General Staff of Turkey Strategic Research and Study Center (SAREM)
 Volkan Ş. Ediger, Balkan Devlen, Burcu Adıvar, İtir Bağdadi, İşil Özge Yumurtacı, Energy Security and Geopolitics of the Black Sea, SAREM Project Report, 77 p., November 2011.
- **2009–2010** Advisor, "Security of Eastern Mediterranean Sea," supported by the General Staff of Turkey Strategic Research and Study Center (SAREM)
- **1977–1998** Participated, directed, and advised several domestic and international R&D projects mainly on petroleum exploration and production.

 Several TPAO Reports (See Publications—TPAO Company Reports).

BIOSTRATIGRAPHIC DISCOVERIES

Genus Nomenclature

Erection of 2 new palynomorph genera; *Transeptaesporites* Ediger (1981), *Anatolinites* Elsik, Ediger & Bati (1990).

Species Nomenclature

Erection of 24 new palynomorph species; Inapertisporites rotundus Ediger (1981), Lacrimasporonoites oviformis Ediger (1981), Dicellaesporites nodusus Ediger (1981), Pluricellaesporites vermiculus Ediger (1981), Multicellaesporites fusus Ediger (1981), Brachysporisporites thraceous Ediger (1981), Transeptaesporites irregularis Ediger (1981), Transeptaesporites symmetricus Ediger (1981), Polyadosporonites enormis Ediger (1981), Polyadosporonites enormis Ediger (1981), Polyadosporonites orbis Ediger (1981), Inapertisporites ibrahimii Ediger & Alişan (1989), Uncinulites artuziae Ediger & Alişan (1989), Lacrimasporonites traversii Ediger & Alişan (1989), Dicellaesporites akyolii Ediger & Alişan (1989), Dyadosporonites okayi Ediger & Alişan (1989), Multicellasporites elsikii Ediger & Alişan (1989), Anatolinites dongyingensis Elsik, Ediger & Batı (1990),

Anatolinites alaskaensis Elsik, Ediger & Batı (1990), Anatolinites alternarioides Elsik, Ediger & Batı (1990), Anatolinites chubutensis Elsik, Ediger & Batı (1990), Anatolinites claibornensis Elsik, Ediger & Batı (1990), Anatolinites holocenicus Elsik, Ediger & Batı (1990), Anatolinites reklawensis Elsik, Ediger & Batı (1990)

Development of Laboratory Technique

MRA (Modified Reissinger Apparatus) in Ediger (1983, 1984, 1986 a, b)

PUBLICATIONS (DISSERTATIONS)

- Ediger V.Ş., 1986, Paleopalynological Biostratigraphy, Organic Matter Deposition, and Basin Analysis of the Triassic—(?)Jurassic Richmond Rift Basin, Virginia U.S.A., The Pennsylvania State University, Ph.D. Thesis, 549 p.**
- Ediger V.Ş., 1980, Geology of the Küçük Çamlı Tepe-Orta Tepe Diasporite Deposits (Milas–Muğla), The Middle East Technical University, M.Sc. Thesis, 70 p.**

PUBLICATIONS (BOOKS, CHAPTERS IN BOOKS, BOOKLETS)²

- Ediger, V.Ş., In Press, Chapter 4. Global Energy Use, in: Robert Brinkmann, *Palgrave Global Handbook of Sustainability*, Springer Nature.
- Ediger, V.Ş., Bowlus, J.V., Dursun, A.F., 2021, "Chapter 8: China's Energy-Supply Security in the Multi-Energy Transition Period from Fossil Fuels to Renewable Energy, in: Jingzheng Ren, ed., China's Energy Security: Analysis, Assessment and Improvement, World Scientific Publishing, U.K., p. 199-215. ISBN-13: 978-1786349217
- Ediger, V.Ş., Bowlus, John V., Aydın, M., 2020, "Chapter 10: Geopolitics and Security of Gas-Transit through Pipelines", in: André Dorsman, André Bastiaan, Ozgur, Arslan-Ayaydin, Thewissen, James, eds., Regulations in the Energy Industry: Financial, Economic and Legal Implications, Springer International Publishing, Cham, Switzerland, p. 85-106. ISBN-13: 978-3-030-32295-3
- Dorsman, A., **Ediger, V.Ş.**, Karan, M.B., eds., 2018, *Energy Economics, Finance, and Geostrategy*, Springer International Publishing, Cham, Switzerland, 274 p. ISBN: 978-3-319-76866-3.
- Dorsman, A., **Ediger, V.Ş.,** Karan, M.B., 2018, "Chapter 1. Introduction: Energy Economics, Finance, and Geostrategy", in: André Dorsman, Volkan Ş. Ediger, Mehmet Baha Karan, eds., *Energy Economics, Finance, and Geostrategy*, Springer International Publishing, Cham, Switzerland, pp. 1-10.
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- Harput, B.O., **Ediger, V.Ş.**, 1980, "The Application of Organic Maturation Method to Source Rock Analysis", *Fifth Petroleum Congress of Turkey*, April 14–17, 1980, Ankara, Program & Abstracts, p.27; Proceedings, Geology: 69–76.*

PUBLICATIONS (TPAO COMPANY REPORTS)

- Volkan Ş. Ediger, 1977, "Palynological Report of the Gerdelli-1 Well", TPAO Research Center Report No. 195.*
- Uğur Erkmen, Volkan Ş. Ediger, Efe Sinanoğlu, 1978, "Stratigraphic Correlation Between Telhasan-1 and Girmeli-1 Wells Based on Palynological Age Determination of Units Below the Kurraçine Formation", TPAO Research Center Report No. 190.*

- Volkan Ş. Ediger, 1979, "Final Report of the Palynological Studies Carried Out in the USA", TPAO Research Center Report No. 276.*
- Volkan Ş. Ediger, 1979, "Palynological Report of the Core No. 3 Taken from the Well TG-1/B", TPAO Research Center Report No. 279.*
- Hatice Kutluk, **Volkan Ş. Ediger**, 1979, "Palynological Report of the Samples Taken from the Tekirdağ-Kumbağ Stratigraphic Section", TPAO Research Center Report No. 287.*
- Hatice Kutluk, **Volkan Ş. Ediger**, 1980, "Evaporite Palynology and the Applications in the Salt Lake Basin", TPAO Research Center Report No. 345.*
- Ediger, V.Ş., 1982, "Paleo-Environmental Analysis of Kuleli-Babeski Ridge (NW Thrace) and a New Approach to the Evaluation of Hydrocarbon Potential of the Northern Thrace Basin", TPAO Research Center Report No. 427.*
- Volkan Ş. Ediger, 1987, "Guide Book of VX-Volkswriter Software for the IBM-PC Computers", TPAO Research Center Report No. 1065.*
- Volkan Ş. Ediger, Zühtü Batı, 1987, "Detailed Stratigraphical, Sedimantological, and Palynological Investigation of the Hamitabat Formation Penetrated in the Hamitabat-25 Well", TPAO Research Center Report No. 1185.*
- Kaya Ertuğ, Nihat Bozdağan, Volkan Ş. Ediger, 1988, "Dinoflagellate Biostratigraphy of the Cretaceous-Tertiary Transition in the Southeast Anatolia", TPAO Research Center Report No. 1255.*
- Volkan Ş. Ediger, Kadir Gürgey, Zühtü Batı, 1988, "Cluster and PCA Analyses of the Hamitabat Formation Penetrated in the Hamitabat-25 Well, Northern Thrace Basin", TPAO Research Center Report No. 1264.*
- Volkan Ş. Ediger, Zühtü Batı, 1988, "Morphological Examination of the *Pediastrum* Green Alga Found in the Tertiary Strata of the Northern Thrace Basin (NW Turkey)", TPAO Research Center Report No. 1265.*
- Ediger, V.Ş., 1988, "Paleopalynological Analyses of the Samples Taken from the Coaly Units in the Biga Peninsula", TPAO Research Center Report No. 1269.*
- Volkan Ş. Ediger, 1991, "Report Activities in 1990", TPAO Research Center Report No. 1564, 1565.*
- Volkan Ş. Ediger, 1992,"Research Projects Completed in 1991", TPAO Research Center Report No. 1755.*
- Volkan Ş. Ediger, 1992,"Reserach Project Activities of 1991 at the Exploration Laboratories of TPAO Research Center in 1991", TPAO Research Center Report No. 1756, 1757.*
- Volkan Ş. Ediger, 1993, "Joint Projects beween Exploration and Research Groups", TPAO Research Center Report No. 1949.*
- Volkan Ş. Ediger, Necdet Şengündüz, 1994,"Geological History and Hydrocarbon Potential of the Bozova Fault and the Adjacent Area", TPAO Research Center Report No. 1964.*
- Volkan Ş. Ediger, Nihat Bozdoğan, Cengiz Alişan, Erhan Yılmaz, Recep Özkan, Y. Haluk İztan, 1995, "Stratigraphy, Geochemistry, and Reservoir Parameters of the Bekbolat-P1 and Tasy-3 Wells", TPAO Research Center Report No. 2097.**
- Volkan Ş. Ediger, 1995, "Report of the Technical Excursion to Kazakhstan and Azerbaijan between June-July 1995", TPAO Research Center Report No. 2118.*
- Tanyol Çoruh, Hüseyin Yakar, **Volkan Ş. Ediger**, 1996,"Biostratigraphical Atlas of the Autochtonous Units in the Southeastern Anatolia", TPAO Research Center Report No. 2191.*
- Volkan Ş. Ediger, Zühtü Batı, Ekmel Uygur, Mustafa Erenler, Haluk İztan, 1998, "Stratigrahpy, Depositional Model and Hydrocarbon Potential of the Hamitabat Formation", TPAO Research Center Report No. 2312.*

WEB OF SCIENCE CITATION RECORD (As of February 2021)

2012: 52, **2013**: 60, **2014**: 62, **2015**: 66, **2016**: 67, **2017**: 61, **2018**: 72, **2019**: 81,

2020: 84

Total Publications: 32 Sum of Times Cited: 972

Sum of Times without Self-Citation: 936

Citing Articles: 837

Citing Articles without Self-Citation: 820 Average Citation per Article: 30.38 Maximum Citation of an Article: 287

H-Index: 14

GOOGLE SCHOLAR RECORD (As of February 2021)

2014: 29, **2015**: 146, **2016**: 142, **2017**: 165, **2018**: 171, **2019**: 209, **2020**: 202

Maximum Citation of an Article: 556

Total Citation: 2130

H-Index: 20 i-10 Index: 40

Ranking in Turkey: 1845/6000 based on h-index, 2798/6000 based on citation.

https://www.researchgate.net/profile/Murat Alper

INVITED SPEECHES, PANEL DISCUSSIONS, CONSULTANCIES

24.02.2021	"Climate Change and Global Warming", Şişli Terakki Lisesi, Online Conference.
27.01.2021	"Sustainable Energy", Çevre TV, Online Conference.
28.12.2020	"Energy Transition: Dynamics of the New System", Esan Eczacıbaşı, Online
	Conference.
25.12.2020	"Türkiye'de ve Dünyada Enerji", İstek Kuşadası Okulları, Online Konferans.
08.20.2020.	"PANEL 1: Dünya'da ve Türkiye'de Doğal Gaz Politikaları, Stratejileri ve Teknik
	Boyutlar", Doğal gaz Çalıştayı ve Paneli, TÜBA, Online Konferans.
09.09.2020	"Yeni Güncelde Türkiye'nin Petrol ve Doğalgaz Görünümü", Khas Online Kolokyum-16.
	Online Konferans.
21.02.2020	"Asessing Energy Relations Today: Key Bilateral Issues and Dynamics", Turkey, Russia,
	and the West, Istanbul, Istanbul Policy Center, Panel Discussant.**
10.10.2019	"Geopolitical Evaluation of the Global Energy Transition", Ankara, Turkish Petroleum
	Corporation (TPAO), Invited Speaker.
05.02.2019	"New World Order During the Energy Transition Period", Istanbul Bosphorus 50 Clup,
	Istanbul, Invited Speaker.
14.05.2018	"Changing Energy in the World and in Turkey", Sabancı University, Invited Speaker.**
14.04.2018	"Latest Situation in Energy and Economy", ERSIAD-Ereğli Businessman Association,
	Ereğli, Invited Speaker.
11.12.2017	Dünya Gazetesi Enerji Uzmanları Toplantısı, İstanbul. Davetli Konuşmacı.
09.07.2017	"Geopolitics and Global Trends", 22nd World Petroleum Congress, 9-13 July 2017,
	İstanbul, RT-11, Panel Discussant.**
16.03.2017	"Energy Pool of Turkey 2017", Energy Council of DEIK, İstanbul. Invited Speaker.
23.01.2017	"Developing Energy Administration in Turkey" Panel, Maintaining Transparency and
	Accountability in Energy Sector", TEPAV and Bulgarian CSD, Ankara, 23 January 2017. Invited Speaker.**
	mirica opeaner.

- 25.10.2016 "Global Energy Trends and the Future of Petroleum", Symposium of 70th Anniversary of Petroleum Discovery in Turkey, Turkish Association of Petroleum Gelogists (TPJD), Association of Petroleum Geophysists (PJFD), Chamber of Petroleum Engineers (PMO), Adıyaman, 25-27 October 2016. Invited Keynote Speaker.
- "Energy Security and Geopolitics in the Eastern Mediterranean", International Conference on Energy Security and Geopolitics in the Eastern Mediterranean, METU Northern Cyprus Campus and KHAS Center for Energy and Sustainable Development, Kalkanlı, Cuprus, 5-7 May 2016. Speaker.**
- **21.04.2016** "Energy in the World and Turkey", Karaköy Rotary Club, İstanbul Hilton Bosphorus, İstanbul, Speaker.
- **30.12.2015** "Global Trends in Energy and Turkey", Boden Law/Academy, İstanbul, Speaker.
- **09.12.2015** "Inspiring the Youth Leaders for Future Energy Roles", The Bosphorus Energy Club Hosted by Kadir Has University, 9 December 2015, Speaker.**
- **24.06.2015** "Global Energy Geopolitics and Turkey", White & Case, Istanbul. First Distinguished Speaker.**
- **18.06.2015** "Cyprus and Energy", Ministry of Foreign Affairs of Turkey, Strategic Research Center (SAM), Ankara, Speaker.
- **14.05.2015** "Current Energy Geopolitics in Historical Perspective", Selçuk University, Konya. Speaker.
- **18.12.2014** "Media Visit "EU-Turkey Relations and the Role of Energy", *Delegation of the EU to Turk*ey, Ankara. Speaker.** Juan Carlos Sanz, "Putin afianza a Ankara como actor clave en la pugna del gas", 22.12.2014, *El Pais International*.**
- **04.12.2014** "Unconventional Energy in the World: A Game Changer?", SPE Turkey Section Annual Symposium-Unconventional Resources, 4-5 December 2014, Ankara. Invited Keynote Speaker.**
- **20.01.2014** "EU Project YES-Youth Entrepreneurhip Skills", *İstanbul Governership Foreign Affairs and EU Coordiantion Center*, İstanbul. Adviser.
- **10.11.2014** "Engineering and Its Future", *Kadir Has University Conference for the Kuşadası Şehit Kaya Aldoğan Anadolu Highschool Students*, İstanbul. Speaker.
- **13.10.2014** "Energy: Source of Conflicts or source of Hope?", Why Europe Matters, 6th Annual Seminar of the Bosphorus Institute, Istanbul. Invited Speaker.**
- **17.04.2014** "Energy Engineering", *Adnan Menderes Anadolu High School Career Days*, İstanbul. Speaker.
- **20.02.2014** Kocaeli Bahçeşehir College5th Carrer Days, Interview with Yasin İkizoğlu.
- **23.01.2014** "Renewable Energy for a Sustainable World", *İstanbul Erkek Lisesi Science Week,* İstanbul. Speaker.
- **04.11.2013** "International Trade and Finance and Energy", *İzmir Ekonomi Üniversitesi*, Speaker.
- **01.11.2013** "Green Growth in the Context of Sustainable Development", *Fifth İzmir Economic Congress*, Ministry of Development, 30 October-1 November, İzmir. Speaker.
- **08.10.2013** "Electricity Sector Strategy of Turkey", *TESAB-Turkish Association of Electricity Industry and MENR-Ministry of Energy and Natural Resources*, Ankara, Speaker.
- **01.06.2013** "Lessons from My Life", *Silivri SİAD Career Days.* Speaker.
- **08.05.2013** "Future of Engineering", *Kadir Has University Seminars for High School Students,* Istanbul. Speaker.
- **03.05.2013** "Africa's Energy from the Global Perspective", *İzmir University of Economics EKOAF-African Strategic Research Center*, İzmir. Speaker.
- **04.04.2013** "Energy Systems Engineering", *Bahçeşehir College*, Kocaeli. Speaker.
- "Latest Developments in World Energy and Their Reflections to Turkish Industry", istanbul Chamber of Commerce (iSO) Monthly Regular Meeting of Council, Odakule, istanbul. Speaker. "Smart Energy Policy is the Diversity of Energy Sources", istanbul Sanayi Odası Dergisi, May 2013, 566: 46-51.

- **25.03.2013** "Global Energy Trends in the 21st Century and the Energy Policy for a Sustainable Future", *Eczacibaşı Holding Sustainable Development Joint Meeting*, Saklıköy-Beykoz, İstanbul. Speaker.
- **28.02.2013** "How Must Forecasting and Designing the Future be Done?", Conversation with Futurist Club, *Kadir Has University*, Istanbul. Speaker
- **18.10.2012** "The Solar Revolution: A Resort from the Front Line", *Green Business 2012,* İstanbul, 18–19 October 2012. Conversation with Dr. Jeremey Legget.**
- **15.08.2012** *Doğan Holding Energy Search Conference,* İstanbul. Consultant.
- **07.06.2012** "Turkish-Swiss Relation on Energy Research and Education", Meeting with Mauro Dell'Ambrogio, State Secretary for Education and Research, Swiss Federal Department of Home Affairs, İstanbul, Consultant.**
- 28.05.2012 "Energy (Oil & Gas) Supply Security of the Black Sea Region", New Security Challenges in the Greater Black Sea Area: Towards a Cooperative Agenda, Partnership for Peace Consortium of Defense Academies and Security Studies Institutes, Regional Stability in the Greater Black Sea Area Working Group, İstanbul, 27–30 May 2012. Speaker. **
- 13.05.2012 "The Energy Equation: Energy Security and Interdependence", Young Leaders Conference, The Atlantik-Brücke, The American Council on Germany, Council for the United States and Italy, İstanbul, 12–13 May 2012. Speaker. **
- **27.04.2012** "Energy Future of Turkey", Kadir Has Üniversity Selimpaşa Campus Friday Conversations, Speaker.
- **05.04.2012** "What Capabilities Does Industry Expect from New Geological Engineering Graduates?", 65th Geological Congress of Turkey, Ankara, 2–6 April 2012. Speaker.
- **03.03.2012** "The Energy Link: Europe and its Neighbors", Double Transition: Economics and Politics Across Europe and the Mediterranean, *Aspen Bosphorus Dialogue Second Edition*, İstanbul, March 2–4 2012. Speaker.**
- **23.02.2012** "Energy Security in the 21st Century", Turkey as an Energy Corridor, *İstanbul Bilgi Üniversity Küresel Sorunlar Platformu*, İstanbul. Speaker.
- **10.01.2012** "Turkey's Energy Strategy after Fukushima", The Turkey Nexus: on Turkish Modernization and Strategic Choices, *İstanbul Policy Center*, İstanbul. Introducer and Speaker.**
- **22.10.2011** "Energy Security for Turkey and for the EU", *Bosphorus Conference*, İstanbul. Speaker.**
- **13.12.2010** "New Energy World Order and Turkey," *TÜBA Academy of Sciences of Turkey Conference*, Istanbul. Distinguished Speaker Series. Speaker.
- **25.11.2010** "Energy Security and Dependency," 9th Anniversary of the Energy Market Regulatory Board: Energy Policies towards 2030 and the Future of Energy Regulation, Association of Turkish Energy Experts, Ankara. Speaker.
- **09.11.2010** "Energy Transition Periods: Lessons Learnt from the Past," *The 16th Annual Energy Conference of the ECSSR*, The Oil Era: Emerging Challenges, Abu Dhabi, UAE, 8–10 November 2010. Speaker.**
- **14.10.2010** Geopolitics of Coal and Global Environment, *International Pittsburg Coal Conference*, Istanbul, 11–14 October 2010. Plenary Speaker.**
- **29.05.2010** Innovative Coal Technologies Workshop, *TKİ-TÜBİTAK MAM EE*, Abant, Bolu, 29–30 May 2010. Speaker.
- **28.04.2010** "Energy Security in the World and Turkey", Istanbul Kültür University Panel Discussions, İstanbul, İstanbul Kültür Üniversity Ekomer Publications, p. 38–60. Speaker.
- 22.03.2010 "Threats and Opportunities in Turkish Energy System," Stanford University International Policy Studies Students' Visit to Turkey, Middle East Technical University, Ankara. Speaker.**
- **13.01.2010** Workshop on Latest Developments in Petroleum and Natural Gas Markets, *Ankara Bar Association International Law Congress*, 11-13 January 2010, Ankara. Speaker.

- Ankara Bar Association International Law Congress, 2011, Ankara Bar Association Publications, vol. 2, p. 55-130.
- **05.10.2009** "Black Sea: A High-Energy Geopolitical Basin of Eurasia", Second International Symposium on the Geology of the Black Sea Region, Ankara. Abstract Book, p. 63-64. Speaker.**
- 11.06.2009 "Climate Change and Its Effect on Sustainable Energy Development", Global Climate Change and Security of Turkey Symposium, General Staff of Turkey, Strategic Research and Study Center (SAREM), Ankara. Speaker.
- 28.05. 2009 "Sustainable Energy Trends in the Twenty-First Century", EMRA Market and Regulation Conversations—1, Ankara. Speaker. "Only Three Countries are Holding 55% of World's Natural Gas Reserves," Gas & Power, June 2009, p. 39.
- **20.05.2009** "Sustainability and Energy: A Global Perspective of Transitional Periods", *METU Geology Club Conferences-2*, Ankara. Speaker. "Renewable Energy Use Should Be Given Emphasis for Sustainable Energy Development," Gas & Power, May 2009, p. 46.
- **12.05.2009** "Energy Security Problems of Turkey", SAREM Panel Discussion with RUSI Experts, Ankara. Speaker.**
- 27.11.2008 "Renewable Energy for Sustainable Development of Turkey", Advancing Renewable Energies in Turkey, Dünya Newspaper and KfW German Development Bank, İstanbul. Speaker.**
- 17.11.2008 "National Energy Report of Turkey: Energy Situation, Challenges, and Policies for Sustainable Development", AASA Beijing Workshop on Sustainable Energy Development in Asia, 2008, Chinese Academy of Sciences. Representing the Turkish Academy of Sciences (TÜBA). Speaker.**
- **29.08.2008** "Political Economy of Oil Prices: End of Cheap Oil?", Future Strategies of Petroleum, Ninth International Energy Arena, STEAM, Istanbul. Speaker.
- **08.06.2008** "Petroleum Security of Turkey", *Conference at President's Office*, Speaker.
- **18.03.2008** "Investing in Turkey's Oil & Gas Sector under the New Petroleum Law", *TUROGE* 2008- Seventh Turkish International Oil & Gas Conference, Ankara. Speaker.
- **18.01.2008** "Dependency on Foreign Energy Sources in Turkey", *Nuclear Energy Arena*, STEAM, Istanbul. Speaker.
- 25.10.2007 "Energy Policies of the EU and the Effect on the Security of Turkey", General Staff of Turkey, Strategic Research and Study Center (SAREM) Panel on Energy Security, Ankara. Speaker.
- **26.04.2007** "Petroleum Production Strategies and Turkey", *TMMOB Chamber of Petroleum Engineers*, Ankara. Speaker.
- **02.03.2007** "Energy Supply Security and Its Relations with National Security", *General Staff of Turkey, Strategic Research and Study Center (SAREM) Symposium on Energy Security*, 2 March 2007, Ankara. Speaker.
- **27.01.2007** "Petroleum in the Ottoman Empire: First Twenty Years of the Twentieth Century," *Turkish Association of Petroleum Engineers Seminars,* Ankara. Speaker.
- 29.06.2006 "The Future of Petroleum Era and Lessons from the Production Economy", Sixteenth İTÜ Petroleum and Natural Gas Seminar and Exhibition, 29-30 June 2006, Istanbul, Proceedings, p. 15–22. Speaker.**
- **25.04.2006** "Energy and Economy: An Example from the Energy Industry", *Ankara University School of Political Science*, Ankara. Speaker.
- **24.10.2005** "Energy for Geologists", *METU Geological Engineering Department Seminars*, Ankara. Speaker.**
- **07.10.2005** "An Overview of the Upstream Sector of the Turkish Petroleum Industry", *ECE-Eastern-Central Europe Scout Meeting*, Ankara. Speaker.**
- **11.05.2005** "Historical Development of Turkish Petroleum Potential", *IPETGAS 2005: Fifteenth International Petroleum and Natural Gas Congress and Exhibition of Turkey,* Ankara.

- Speaker.** "Historical Development of Petroleum Potential of Turkey," *Petro World*, 1(12): 34–36; 1(13): 14–18.
- 23.03.2004 "The Future of Homo Sapiens Petroturca", Society of Petroleum Engineering, METU PNG Department Seminars, Ankara. Speaker.
- **21.12.2002** "Geological Engineering and Energy", *METU Geology Group Annual Dinner,* Opening Remarks, Ankara. Speaker.
- **03.10.2002** "From 'Fossil' to 'Energy'", *Third Paleontology-Stratigraphy Workshop,* Opening Speech, Akçakoca. Speaker.
- **16.05.2001** "Effect of Foreign Countries on Turkish Energy Policies", *SPE Society of Petroleum Engineers METU Chapter*, Ankara. Speaker.
- **24.03.1999** "Twenty-First Century Energy World and Turkey", *Istanbul University Engineering Faculty Conferences*, Istanbul. Speaker.
- **18.02.1998** "Future of Fossil Fuels", Geological Congress of Turkey, Panel on the Future of Energy Alternatives of Turkey, Ankara. Speaker.
- **17.04.1995** "Fossil and Time", *Middle East Technical University Geology Group,* Ankara. Speaker.**
- **21-23.03.1995** "Seminar on Basic Biostratigraphy for Geologists and Geophysicists", *Turkish Petroleum Corporation Research Center*, Ankara. Speaker.
- **06.05.1994** "Biostratigraphical and Geological Time", *Istanbul Technical University, Natural History and Paleontology Group,* Istanbul. Speaker.
- **22.05.1979** "Palynology and Its Application in Geology", *Çukurova University, Faculty of Basic Sciences*, Adana. Speaker.

MODERATORSHIPS, CHAIRMANSHIPS

05.05.2017

20.40.2021	Energy and Climate Talks-10, Conversation with Elif Düşmez Tek, Moderator.
16.03.2021	Energy and Climate Talks-10, Conversation with Prof.Dr. İskender Gökalp, Moderator.
02.03.2021	Energy and Climate Talks-10, Conversation with Barış Şanlı, Moderator.
17.02.2021	Energy and Climate Talks-9, Conversation with Kıvanç Zaimler, Moderator.
02.02.2021	Energy and Climate Talks-7, Conversation with Uğur Bayar, Moderator.
05.01.2021	Energy and Climate Talks-6, Conversation with Dr. Oğuz Can, Moderator.
22.12.2020	Energy and Climate Talks-5, Conversation with Serhan Süzer, Moderator.
08.12.2020	Energy and Climate Talks-4, Conversation with Dr. Nuran Talu, Moderator.
17.11.2020	Energy and Climate Talks-2, Conversation with Değer Boden, Moderator.
03.11.2020	Energy and Climate Talks-1, Conversation with Dr. Uygar Özesmi, Moderator.
03.10.2019	Energy Talks-12, Conversation with Murat Yazıcı, Moderator.
21.09.2018	"Photovoltaic Systems and Power Generation Technologies" Session, CPESE 2018-5 th
	International Conference on Power and Energy Systems Engineering, 19-21 Sept.
	2018, Nogaya, Japan, Moderator.**
03.05.2018	Energy Talks-4, Conversation with Dr. Volkan Özdemir, Moderator.
15.02.2018	Energy Talks-1, Conversation with Dr. Uygar Özesmi, Moderator.
18.05.2017	"Pipeline Projects and Political Risks" Panel, 6th Multinational Energy and Value
	Conference, 18-19 May 2017, Kalkanlı TRNC. Moderator.**

26.04.2017 "Enhansing EU-Turkey Energy Dialogu" Panel, Energy Security and Administation Risks of Turkey within the Framework of the EU Energy Union Conference, TEPAV and Bulgarian CSD, Ankara. Panel Moderator.**

Istanbl Congress Center. Moderator.

"Energy in the Future: Social, Economic, Political, and Technical Dimensions, ICCI-

23rd International Energy and Environment Farir and Conference, 04-05 May 2017,

25.10.2016 "Geopolitic Importance of Petroleum in the Vicinity of the Southeast Anatolia", Symposium of 70th Anniversary of Petroleum Discovery in Turkey, Turkish

- Association of Petroleum Gelogists (TPJD), Association of Petroleum Geophysists (PJFD), Chamber of Petroleum Engineers (PMO), Adıyaman, 25-27 October 2016. Panel Moderator.
- "Legal Disputes and Issues in the Eastern Mediterranean" Session, International Conference on Energy Security and Geopolitics in the Eastern Mediterranean, METU Northern Cyprus Campus and KHAS Center for Energy and Sustainable Development, Kalkanlı, Cyprus, 5-7 May 2016. Sesssion Chair.**
- **11.04.2016** "Geopolitics of Natural Resources" Panel, 69. Geological Congress of Turkey, MTA Halls, Ankara. Panel Moderator.
- **29.05.2015** "Petroleum and Gas Policies" Session, *IPETGAS 2015-20th International Petroleum and Natural Gas Congress and Exhibition of Turkey*, Ankara. Session Chairman.**
- 27.05.2015 "Turkey's Energy Supply Security in Consideration of Regional Developments" Panel, IPETGAS 2015-20th International Petroleum and Natural Gas Congress and Exhibition of Turkey, Ankara. Panel Moderator.**
- **19.03.2015** "Oil and Gas Transportation and Storage Infrastructure: Status, Trends and Economic Benefits" Panel, *TUROGE-14th Turkish International Oil and Gas Conference*, Ankara. Panel Moderator.
- **10.12.2014** "International Petroleum and Natural Gas Strategies", *TPAO 60th Anniversary*, Ankara. Moderator.**
- **15.04.2014** "Natural Resources and Sustainability", *67th Geological Congress of Turkey,* 14-18 April 2014, Ankara. Panel Moderator.
- **21.02.2014** "Opportunities and Threats in Renewable Energy Sector", *Gaziantep 2nd Energy Summit*, Gaziantep Municipality. Moderator.
- **09.01.2014** "Energy Efficiency in Industry Session", *Fifth Energy Efficiency Forum and Exhibition,* Energy and Natural Resources of Turkey, Istanbul. Moderator.
- 18.09.2013 "Energy Efficiency Policies and Practices", *Green Business 2013*, İstanbul, 17-18 September 2013. Moderator. İzbırak, K.E., 2013. "Energy Sector was alsoExamined Closely at the Green Business Conference", *Gas & Power*, 8(156): 34-35.
- **15.05.2013** "The Role and Importance of Petroleum and Natural Gas in Turkey's Energy Vision", IPETGAS- 19th International Petroleum and Natural Gas Congress and Exhibition of Turkey, Ankara, 15-17 May 2013. Moderator. Enerji, June 2013, p. 65-66.
- 11.12.2012 Session 3: Stratigraphic & Combination Traps in the Middle East, AAPG Geosciences Technology Workshop on Hydrocarbon Trapping Mechanisms in the Middle East, istanbul, 10–12 December 2012, Session Chair.**
- **30.11.2012** Panel on Energy Risk Management: Challenges and Opportunities for Turkey, *PRMIA—The Professional Risk Managers' International Association*, İstanbul. Moderator. Aydın, T., 2012. "A National Policy is Needed for Energy Security", *Gas & Power*, 138: 22-23.
- **05.10.2012** "International Natural Gas Projects: The Role of Turkey in the Region", EIF 2012–International Energy Congress and Exhibition, Ankara, 4–5 October, 2012. Chair.
- "Turkey's Transition into Greener Economy", Roadmap of Transition Strategies to Green Economy, Association of Academies and Societies of Sciences in Asia (AASSA) and Academy of Sciences of the Republic of Tajikistan (ASRT), Dushanbe, Tajikistan, 14–17 March 2012. Chair.**
- **06.10.2011** "Sustainable Energy: Past, Present, and Future", *Green Business Conference*, İstanbul. Moderator.
- 19.05.2011 "Driving Forces of Turkish Energy Policy," Europeanization of Energy Corridors:

 Europeanization of Public and Private Actors in the Energy Sector Assessed Through
 the Nabucco Project", CERI Sciences Po, Paris, 19-20 May 2011. Chairperson.**
- **12.05.2011** "Energy, Climate Change and Environment," *IPETGAS 2011: 18th International Petroleum and Natural Gas Congress and Exhibition of Turkey,* Ankara. Workshop Organizer and Convener. *

- **11.05.2011** "Turkey's Energy Policies," *IPETGAS 2011: 18th International Petroleum and Natural Gas Congress and Exhibition of Turkey,* Ankara. Panel Convener.*
- **28.04.2011** "Sustainability and Crise Management in SMSE's and Regional Development", *International Entrepreneurship Congress*, İzmir, 27-28 April 2011. Chairperson.
- **23.11.2010** Nuclear Energy Panel, *The 19th International Geophysical Congress and Exhibition of Turkey*, Ankara, 23–26 Kasım 2010. Moderator. *
- **22.10.2010** Climate Change Workshop, *International Energy Congress 2010*, Energy and Climate Change Foundation, Ankara. Organizer and Moderator.
- **28.06.2010** Sectoral Approaches on Climate Change Mitigation Panel, *Public Private Partnership on Climate Change Fifth Workshop*, Istanbul. Moderator.*
- **15.05.2010** Logistics in Energy Sector Panel, *Izmir University of Economics Logistics Club's Second Logistics Meeting,* Izmir. Moderator.
- **12.05.2010** Energy Productivity Search Conference, TEVEM, Kartepe, Sapanca. Chief Moderator.
- **07.04.2010** "Low Carbon Economy Revolution", Global Warming and Solutions Panel, 63rd Geological Congress of Turkey, Ankara, 5–9 April 2010. Moderator.*
- **17.03.2010** "Overview of the Hydrocarbon Exploratory Activities in Turkey," *TUROGE 2010–Ninth Turkish International Oil and Gas Conference*, 16-17 March 2010, Ankara. Moderator.**
- **19.02.2010** *Student Workshop on Energy Issues,* Izmir University of Economics, Izmir. Moderator.
- **19.01.2010** Workshop on the State's Vision and Role on Carbon Project Mechanisms, *UNDP Ankara Branch*, Ankara. Moderator. *
- **26.12.2009** "Kyoto Protocol: Before and After Copenhagen", *Ankara Bar Association Energy Law Commission Congress*, Ankara. Moderator.
- **13.05.2009** "Turkey's Petroleum and Natural Gas Policies", *IPETGAS 2009- Seventieth International Petroleum and Natural Gas Congress and Exhibition of Turkey,* Ankara. Moderator.
- **11.03.2009** "Overview of the Hydrocarbon Exploratory Activities in Turkey", *TUROGE 2009–Eighth Turkish International Oil and Gas Conference*, Ankara. Moderator**

TV/RADIO PROGRAMS

- **27.01.2021** "Sürdürülebilir Enerji", *Çevre TV*, Orkun Yazar'la söyleşi. https://youtu.be/tVsBİK67LbE.
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