



Curriculum Vitae

Institute Director : **Assoc. Prof. Dr. Mustafa TIRIS**

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Birth Place and Date. : Izmir - Turkey, 01.01.1965

Marital Status : Married, 2 children

Current Position : Director of Energy Institute

EDUCATION & ACADEMIC CAREER

Assoc.Prof.Dr. Appointed Assoc.Prof.Dr. by the Higher Education Council, 25 September 1995, in the field of Renewable Energy of Mechanical Engineering Dept.

Post-doctorate : University of Leeds, Department of Fuel & Energy, 1992/1993.

PhD. : Aegean University, Solar Energy Institute, Energy Technologies Dept., 1990-1992

MSc. : Aegean University, Solar Energy Institute, Energy Technologies Dept., 1987-1990

BSc. : (Istanbul Technical University, Petroleum Engineering Dept., 1983-1987.

WORK EXPERIENCE

2000-cont. Institute Director, TUBITAK-Marmara Research Center, Energy Institute.

1996-2000 Assistant Director, TUBITAK-Marmara Research Center, Energy Systems and Environmental Research Institute.

1994-1996 Senior Scientist, TUBITAK-Marmara Research Center, Department of Energy Systems.

1990-1994 Researcher, TUBITAK-Marmara Research Center, Department of Chemical Engineering.

1988-1990 Research Assistant, Aegean University, Solar Energy Institute.

OTHER PROFESSIONAL

- Member of the Committee on Research and Technology, International Energy Agency (IEA-CERT Member), 2003.
- Rio+10 National Preparation Committee Member (Coordinator of the Sustainable Development - ICT Studies), 2002-2003.
- Director of NATO-SfP Project on Photovoltaics, 2000-cont. (with Ukraine, Germany and UK).
- Director of NATO-SfS Project on Solar heating, 1997-1998.
- National Coordinator for "Turkish-Greek Cooperation on renewable energy", 2001-cont.
- The British Council "Academic Link" Coordinator (on solar energy) with The University of Cardiff, 1997-1999.
- IEA-Solar Heating and Cooling Programme, ExCo Member, 1997.
- National Consultant for the National Environmental Action Plan-Energy Chapter (World Bank funded project). 1995-1996.
- National Expert for the "Energy Conservation for Industry," (UNIDO funded project), 1993-1994.
- Author of more than 100 publications (book, journal-seminar papers) in the fields of energy technologies and environment.
- Member of Organising Committee of more than 20 international/national conferences in the field of energy technologies.
- Member of Scientific/Advisory Committee of 5 Technical Publications
- Member of Award Committee of the Best Cogeneration Applications of the year in Turkey (2002-cont.).
- Lecturer at The Istanbul Technical University ("Air Pollution Control Processes", Post-graduate, 1994/95, Autumn Term) and Gebze High Technology Institute ("Computer Applications in Environmental Pollution Control", Post-graduate, 1994/95, Spring Term).

AFFILIATIONS

- Member of International Solar Energy Society (ISES)-Turkish Section, 1997-to date.
- Member of International Air & Waste Management Association, 1994-1995.
- Member of World Energy Council (WEC)-Turkish National Committee, 1994 to date.
- Member of Turkish Thermal Sciences and Technology Association (TIBTD), 1994 to date.
- Member of the National Committee of the International Union of Air Pollution Prevention Associations (IUAPPA), 1993 to date.
- Member of British Fellowship Club, 1993 to date.

SCHOLARSHIPS

- Visiting Scientist, The British Council, University of Wales, Dept. of Mechanical Engineering and Energy Studies (Cardiff-U.K.), 2-11 July 1997.
- Visiting Scientist, The British Council, University of Wales, Division of Mechanical Engineering and Energy Studies (Cardiff-U.K.), 5-19 May 1996.
- Instituto de Energia Solar-E.T.S.I Full Scholarship to participate in the seminar entitled: Renewable Energies as an Alternative for the Future World", Euro-Arab University (Granada, Spain), 6-17 November 1995.
- Visiting Scientist, NATO-Science for Stability Programme, Fraunhofer-Institute for Solar Energy (Freiburg, Germany) and Solarenergie Prüf und Forschungsstelle (Rapperswil, Switzerland), August-September 1995.
- Visiting Scientist, The British Council, Post-doctoral research, University of Leeds,

Department of Fuel and Energy (Leeds, U.K.), September 1992-February 1993.

TRAINING COURSES ATTENDED

- Effective Presentation, IDEA Training, 1999
- 7 Habits of the Most Effective People, IDEA Training, 1999
- Continual Improvement and Staff Contributions, IDEA Training, 1998
- Feasibility Audits, ORHIM Training, 1997
- Change Management, IDEA Training, 1998
- Human Resources Management, IDEA Training, 1998
- Time Management, IDEA Training, 1997
- Team Working and Leadership, IDEA Training, 1997
- Marketing Fundamentals, IDEA Training, 1998
- Multi-Dimensional Leadership, Management Development Centre, 1996
- Speedy Reading, IDEA Training, 2000
- Environmental Auditing, Rowe Parker - scientifics, 1999
- Problem Solving Techniques, IDEA Training, 1999
- 7 Management and Planning Techniques, IDEA Training, 1999.

AREAS OF RESEARCH INTEREST

- Energy Technologies
- Energy and Environment
- Energy Conservation
- Energy Policy and Planning

PUBLICATIONS

A. JOURNAL International

- E.Ekinci and M.Tiris, "Dispersion Modelling: A Tool for Local Air Quality Management," Int.J.Environment and Pollution, V.2, 254-260, 1998.
- E.Ekinci, I.Munlalfalloglu, M.Tiris ve A.V.Pekin, "Characterisation of cement plant emissions in Turkey," Water, Air and Soil Pollution, V.106, 83-95, 1998.
- Ç. Tiris, M. Tiris, Effect of collector orientation on solar energy availability, Energy Conversion and Management, 8, 39, 1998, 843-852
- Ç. Tiris, M. Tiris, Y. Erdalli, H.M. Söhmen, Experimental studies on a solar still coupled with a flat-plate collector and a single basin still, Energy Conversion and Management, 8, 39, 1998, 853-856
- M.Tiris and C.Tiris, "Analysis of solar radiation data for Gebze, Turkey," Energy Conversion and Management, V.38, 179-186, 1997.
- M. Tiris, Ş. Dilmaç, Ç. Tiris, E. Ekinci, "Modelling of SO₂ Pollution Changes with Improving Thermal Performance of Buildings in Gebze, Turkey", The Int. J. Of Energy, 22, (1997), 477-480.
- M. Tiris, Ç. Tiris, "Analysis of Solar Radiation Data for Gebze, Turkey", Energy Convers. Mgmt, 38, (1996), 179-186.
- C.Tiris, M.Tiris and I.Dincer, "Energy efficiency of a solar drying system," International Journal of Energy Research, V.20, 767-770, 1996.
- M.Tiris, I.E.Ture and E.Ekinci, "Energy and environment strategies in Turkey," Renewable Energy, V.9, 1171-1174, 1996.
- C.Tiris, M.Tiris and I.E.Ture, "Improvement of basin type solar still performance:

use of various absorber materials and solar collector integration," *Renewable Energy*, V.9, 758-761, 1996.

- M.Tiris, E.Ekinci and H.Okutan, "Modelling of SO₂ pollution changes with fuel shifting in Gebze," *Energy-The International Journal*, V.21, 371-375, 1996.
- S.Dilmac, C.Tiris, M.Tiris and A.J.Wetherilt, "Effect of exterior wall systems on energy consumption: Case study for Gebze, Turkey", *Energy Sources*, V.18, 375-383, 1996.
- M.Tiris, C.Tiris and I.E.Ture, "Correlations of monthly-average daily global, diffuse and beam radiations with hours of bright sunshine in Gebze, Turkey," *Energy Conversion and Management*, V.37, 1417-1421, 1996.
- M.Tiris, C.Tiris and I.E.Ture, "Statistical comparison of models for estimating hourly-diffuse radiation in Gebze, Turkey (Note)," *Energy-The International Journal*, V.21, 67-70, 1996.
- C.Tiris, M.Tiris and I.Dincer, "Experiments on a new small-scale solar dryer (Technical Note)," *Applied Thermal Engineering*, V.16, 183-187, 1996.
- C.Tiris, M.Tiris and I.E.Türe, "Effects of fin design on collector efficiency," *Energy-The International Journal*, V.20, 1021-1026, 1995.
- M.Tiris, C.Tiris and I.E.Türe, "Diffuse solar radiation correlations: applications to Turkey and Australia," *Energy-The International Journal*, V.20, 745-749, 1995.
- C.Tiris, M.Tiris and I.Dincer, "Investigation of the thermal efficiencies of a solar dryer," *Energy Conversion and Management*, V.36, 205-212, 1995.
- C.Tiris, N.Özbalta, M.Tiris and I.Dinçer, "Thermal performance of a new solar air heater," *International Communications in Heat and Mass Transfer*, V.22, 411-423, 1995.
- M.Tiris, G.Atagunduz and I.Dincer, "Energy and environment modelling: applications for Turkey," *Energy-The International Journal*, V.19, 1005-1009, 1994.
- C.Tiris, N.Özbalta, M.Tiris and I.Dincer, "Experimental testing of a new solar dryer," *International Journal of Energy Research*, V.18, 483-490, 1994.
- M.Tiris and E.Alper, "Past and projected carbondioxide emissions due to energy utilisation in Turkey (Note)," *Energy-The International Journal*, V.19, 499-500, 1994.
- C.Tiris, N.Özbalta, M.Tiris and I.Dincer, "Performance of a solar dryer," *Energy-The International Journal*, V.19, 993-997, 1994.
- M. Tiris, E. Ekinci, and H. Okutan, "Air Pollution in Turkey", *EUROTRAC-Genemis Annual Report*, Fraunhofer Inst. July 1994, pp. 162-168.

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- D.Kaya, F.Akgün, H.Olgun, M.Tiris, T.Şener, "Biomass Potential of Turkey and Their Use in Energy Conversion Systems," *Termodinamik*, V.24, No:11, December 2002, 74-80.
- A.Yazar, C.Güngör, M.Tiris, "An Experimental Study for Solar Absorbtion Cooling", *Termodinamik*, V.77, No: 7, January 1999, 54-59.
- Ç. Tiris, M. Tiris, "Effect of optical properties of absorber plates on total heat loss-coefficient of solar collectors", *Termodinamik*, V.73, 76-78, September 1998.
- A.Yazar, I.E.Ture, M.Tiris, Z.Cizenel and F.Barkis, "Solar simulator design and installation," *Journal of Energy*, V.1, No.6, 54-57, 1996.
- C.Tiris and M.Tiris, "Effect of various fin shapes on collector efficiency and cost", *Turkish Thermal Sciences Journal*, V.18, 49-53, 1996.
- C.Tiris and M.Tiris, "Parameters affecting flat-plate collector efficiency," *Journal of the Turkish Mechanical Engineers' Assoc.*, No.26, 35-40, 1996.
- S.Dilmac and M.Tiris, "Energy conservation potential of domestic sector in Turkey," *Journal of Installation Engineering*, V.3, 10-13, 1995.
- S.Dilmac and M.Tiris, "Effects of selected exterior wall systems on energy conservation and environment," *Journal of Installation Engineering*, V.3, 33-38, 1995.

- M.Tiris, C.Tiris and M.Edin, "Investigation on drying curves of various agricultural products dried in two different solar dryer" Turkish Thermal Sciences Journal, V.17, 27-32, 1995.
- M.Sohmen and M.Tiris, "An important parameter to improve thermal efficiency of solar collectors: selective surfaces", Journal of Thermodynamics, V.2, 70-71, 1995.
- C.Tiris and M.Tiris, "Plastic materials in solar energy applications", Journal of Thermodynamics, V.2, 29-30, 1995.
- M.Tiris, "NO_x and SO₂ control calculations for power stations," E.U.Solar Energy Institute Journal, V.2, 109-114, 1993.
- M.Tiris, "SO₂ and CO₂ Emissions due to energy utilisation in Turkey" E.U. Solar Energy Institute Journal, V.1, No.4, 73-76, 1992.
- G.Atagunduz and M.Tiris, "Modelling of energy, economy and environment relations and application to Turkey", E.U. Solar Energy Institute Journal, V.1, 83-86, 1992.
- M.Tiris, "Effect of environmental cost on fossil fuel prices," E.U. Solar Energy Institute Journal, V.1, 103-106, 1992.
- M.Tiris, "Environmental cost of fossil fuel consumption in Turkey," E.U. Solar Energy Institute Journal, V.1, 123-128, 1992.
- M.Tiris and V.Pazarlioglu, "Energy policy analysis," E.U. Solar Energy Institute Journal, V.1, 29-36, 1990.
- M.Tiris and T.Kececioglu, "Cost analysis for geothermal energy," Bulletin of the Turkish Electricity Authority, V.24, No.148-149, pp.28-32, 1990, Ankara.
- M.Tiris, "Geothermal energy applications in Turkey," E.U. Solar Energy Institute Journal, V.1, No.1, pp.105-115, 1989.
- M.Tiris, "Geothermal energy," Turkish Thermal Sciences Journal, V.12, 37-40, 1989.

B. PRESENTATIONS IN CONFERENCES International

- A.Ersoz, H.Olgun, S.Özdoğan, C.Gungor, F.Akgün and M.Tiris, "Autothermal reforming as a hydrocarbon fuel processing option for PEM fuel cell", Fuel Cells- Science and Technology 2002, Amsterdam, 25-26 September 2002.
- Akgun, F., Tiris, M., Olgun, H., Energy conservation in cement plants, Workshop on Energy Conservation in Industrial Application, 12-14 February, 2000, Dhahran, Saudi Arabia.
- Akgun, F., Tiris, M., Olgun, H., Energy Conservation in melting regenerative furnaces, Workshop on Energy Conservation in Industrial Application, 12-14 February, 2000, Dhahran, Saudi Arabia.
- Tiris, M., Akgun, F., Olgun, H., Energy Audit Techniques in industry, Workshop on Energy Conservation in Industrial Application, 12-14 February, 2000, Dhahran, Saudi Arabia.
- Olgun, H., Çoban, T., Akgün, F., Tiris, M., Energy conservation in food industry case study for cooking furnace of biscuit factory, Workshop on Energy Conservation in Industrial Application, 12-14 February, 2000, Dhahran, Saudi Arabia.
- Tiris, M., Akgun, F., Olgun, H., Industrial energy conservation activities in Turkey, Workshop on Energy Conservation in Industrial Application, 12-14 February, 2000, Dhahran, Saudi Arabia.
- Ç. Tiris, H. Olgun, M. Tiris, The effect of double layered selective surfaces windows systems on energy conservation of buildings, The twelfth Int. Symposium on Transport Phenomena, İstanbul, 16-20 July 2000.
- D. Kaya, H. Olgun, M. Tiris, A study of axial flow pump impellers-effects of pump design parameters on its performance, The twelfth Int. Symposium on Transport Phenomena, İstanbul, 16-20 July 2000.
- M.Tiris, E.Ekinci and S.Ozdogan, "Energy based air pollutant emissions in Turkey," World Renewable Energy Congress-V, 19-25 September 1998, Florence, Italy.
- S.Ozdogan, D.Uzun, H.Atakul, Y.Erdalli and M.Tiris, "Preparation and utilisation of sweet sorghum and sweet sorghum/lignite briquettes," World Renewable Energy Congress-V, 19-25 September 1998, Florence, Italy.
- M.Tiris and C.Tiris, "Experimental and theoretical studies on basin type solar stills," World Renewable Energy Congress-V, 19-25 September 1998, Florence, Italy.
- M.Tiris and C.Tiris, "Comparison of indoor and outdoor solar collector performance tests according to ISO 9806," World Renewable Energy Congress-V, 19-25 September 1998, Florence, Italy.
- M.Tiris, C.Tiris, M.A.C.Chendo and M.J.Patching, "Qualification tests for solar absorber surface durability," Eurosun98, 14-17 September 1998, Portoroz, Slovenia.
- A.Yazar and M.Tiris, "Design and construction of a low-cost solar simulator for flat plate collector testing," Eurosun98, 14-17 September 1998, Portoroz, Slovenia.
- M.Tiris, E.Ekinci and S.Ozdogan, "Air pollution due to fossil fuel utilisation in the Turkish transportation sector," Second Trabzon International Energy and Environment Symposium (TIEES-98), 27-29 July 1998, Trabzon.
- S.Ozdogan, D.Uzun, H.Atakul, Y.Erdalli and M.Tiris, "Fuel and emission characteristics of sweet sorghum and sweet sorghum/lignite briquettes," Second Trabzon International Energy and Environment Symposium (TIEES-98), 27-29 July 1998, Trabzon.
- E.Ekinci and M.Tiris, "Air pollution due to energy utilisation in Turkish industry", International Symposium on Air Quality Management, 23-26 September 1997, İstanbul, Turkey.
- M.Tiris and E.Ekinci, "Environmental characteristics of the Turkish electricity sector," International Symposium and Workshop: Environment and Interaction, 18-19 November 1996, Porto, Portugal.
- M.Tiris, E.Ekinci and S.Dilmac, "Modelling of local air quality changes with different air quality control measures: case study for Gebze, Turkey," 1st Trabzon International Energy and Environment Symposium (TIEES-96), 29-31 July 1996, Trabzon/Turkey.
- M.Tiris and E.Ekinci, "Air pollution in Turkey and control strategies," 1st Trabzon International Energy and Environment Symposium (TIEES-96), 29-31 July 1996, Trabzon/Turkey.
- M.Tiris, C.Tiris and I.E.Ture, "Optimisation of solar collectors," Recent Advances in

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- C.Tiris and M.Tiris, "Accelerated Ageing Tests for Solar Absorber Plates", Solar Day And Exhibition, 19-21 June 1998, Izmir.
- C.Tiris and M.Tiris, "Classification of the Turkish Made Solar Collectors", Solar Day And Exhibition, 19-21 June 1998, Izmir.
- C.Tiris and M.Tiris, "Solar energy potential in Gebze", IInd National Clean Energy Symposium, 6-7 January 1997, Istanbul.
- M.Tiris, "Energy Consumption and Environmental Impacts of Cement Production", Turkish Cement Manufacturers Association's Annual Meeting, 3-5 April 1997, Lefkoşe.
- M.Tiris, "Low-Energy Buildings", Turkish Cement Manufacturers Association's Annual Meeting, 3-5 April 1997, Lefkoşe.
- S.Demirkan, M.Tiris, E.Ekinci, A.Kilic, D.Kantarci, "Calculation of forest fire emissions: Case study for the 1994 Gallipoli National Park fire," National Symposium on Site-Selection and Environmental Problems, 9-11 September 1996, Canakkale.
- N.Erdol, M.Tiris, N.Eris, H.Okutan and E.Ekinci, "Industrial energy consumption and air pollution in Istanbul," 2nd National Chemical Engineering Congress, 9-12 September 1996, Istanbul.
- F.Onder, E.Ekinci and M.Tiris, "Air pollution due to electricity production in Turkey," 2nd National Chemical Engineering Congress, 9-12 September 1996, Istanbul.
- M.Tiris and S.Dilmac, "Effects of fuel-shifting and using of different exterior wall systems in domestic sector on energy consumption and air pollution," 15th National Energy Conservation Week-Energy Conservation Symposium, January 1996, Ankara.
- E.Ekinci, H.Okutan and M.Tiris, "Effects of different domestic fuel on local air quality:Gebze case", Fourth International Combustion Symposium, July 1995, Bursa.
- S.Dilmac, M.Tiris and C.Tiris, "Effect of exterior wall systems on energy consumption and environmental pollution", 5th Turkish-German Energy Symposium, April 1995, Izmir.
- M.Sohmen, M.Tiris and I.E.Ture, "Black-chrome: as absorber plate of solar collectors," 5th Turkish-German Energy Symposium, April 1995, Izmir.
- C.Tiris, M.Tiris, M.Sohmen and M.Edin, "Thermal efficiency comparisons of plastic solar collectors," 5th Turkish-German Energy Symposium, April 1995, Izmir.
- M.Tiris, S.Dilmac, E.Ekinci and H.Okutan, "Effect on domestic fuel consumption and environmental pollution of different insulation options: Gebze case," 2nd Air Pollution, Modelling and Control Symposium'95," March 1995, Istanbul.
- E.Ekinci, M.Arslan, I.Munlafalioglu and M.Tiris, "Cement production and air pollutant emissions in Turkey," 2nd Air Pollution, Modelling and Control Symposium'95," March 1995, Istanbul.
- M.Tiris and G.Atagunduz, "Energy, economy and environment modelling", 6th National Energy Congress, 1994, Izmir.
- M.Tiris, "Geothermal assisted solar greenhouses", First National Congress on Applications and Developments of Solar Energy Technologies, 1994, Mugla.
- M.Tiris, E.Ekinci and H.Okutan, "Thermal power plant emissions," Gokova Environmental Problems Symposium, 1994, Mugla.
- M.Tiris and T.Kececioglu, "Energy-environment interaction in energy modelling", 4th Turkish and German Energy Congress (Sonnen Energie und Umwelt), 1991, Izmir.
- M.Tiris and T.Kececioglu, "Geothermal energy economics", 7th National Thermal Sciences and Technologies Congress, 1989, Izmir.
- M.Tiris, "Geothermal energy applications", Energy Economics and Applications Symposium, 1988, Konya.

C. BOOK

- M.Tiris, F.Kadirgan (eds.), "Recent Advances in Solar Energy Technology", TUBITAK-MRC, ISBN 975-403-87-1, Kocaeli (1997).
- M.Tiris, C.Tiris and Y.Erdalli, "Solar Water Heating Systems (in Turkish)", TUBITAK-MRC, ISBN 975-403-082-0, Kocaeli (1997).
- E.Ekinci, M.Tiris and I.E.Ture, "Energy Consumption and Air Pollution (in Turkish)", State Planning Organisation, ISBN 975-19-1693-3, Ankara (1997).
- M.Tiris, E.Kalafatoglu and H.Okutan (eds.), "Air pollution: sources and control (in Turkish)", TUBITAK, ISBN 975-403-004-9, Kocaeli (1993).

Chapter Publications

- I.E.Ture, A.Yazar and M.Tiris, "Design and construction of a solar simulator for flat-plate collector testing" (in Recent Advances in Solar Energy Technology, eds.M.Tiris and F.Kadirgan), TUBITAK, ISBN , Kocaeli (1997).
- M.Tiris, "Environmental impact assessment in energy policy applications", (in Industrial Air Pollution; eds. A.Muezzinoglu and M.L.Williams), 81-84, Springer-Verlag, Berlin (1991).
- M.Tiris, "Air pollution modelling-I: emission and effect oriented models, compilation of emission inventories (in Turkish)", (in Air pollution: sources and control; eds.M.Tiris, E.Kalafatoglu and H.Okutan), TUBITAK, ISBN 975-403-004-9, 225-240, Kocaeli (1993).

Lecture Notes (in Turkish)

- A.Arisoy, E.Ekinci, H.Okutan, M.Tiris, H.Atakül and A.Kaypmaz, "Energy conservation in industry, Energy Management in Industry, Istanbul Technical University, 15-17 April 1996, Istanbul (220 pages).
- E.Kalafatoglu, N.Ors, T.Gozmen, M.Tiris and E.Ekinci, "Ecology," CITOSAN/PEM Training Program, TUBITAK-M.R.C., Project No. 12.2.003, February 1994, Kocaeli (401 pages).
- E.Kalafatoglu, N.Ors, T.Gozmen, M.Tiris, E.Erencek, E.Ekinci, H.Okutan and F.Erturk, "Air and gases," CITOSAN/PEM Training Program, TUBITAK-M.R.C., Project No. 12.2.003, March 1994, Kocaeli (364 pages).
- E.Kalafatoglu, N.Ors, T.Gozmen, M.Tiris and E.Ekinci, "Solid wastes," CITOSAN/PEM Training Program, TUBITAK-M.R.C., Project No. 12.2.003, October 1994, Kocaeli (296 pages).
- E.Kalafatoglu, T.Gozmen, N.Ors, M.Tiris and E.Erencek, "Air quality modelling," CITOSAN/PEM Training Program, TUBITAK-M.R.C., Project No. 12.2.003, November 1994, Kocaeli (188 pages).

D. PROJECT REPORTS

- N.Ünlü, D.Uzun, T.Şener, M.Tiris and F.Akgün "Effects of Alternative Motor Fuels on ICE", November 2002, Kocaeli.
- K.Yeyman, U.Sevgen., T.Çoban and M.Tiris, RTP 16.06 Semiconductor Switching for Networks, Progress Report-1, February 2000, Kocaeli.
- N. Ünlü, F.Akgün, M.Tiris, D. Uzun, H.Uçarol, H.Olgun, T.Çoban, H.M.Söhmen and D.Kaya, Bolu Cement Plant Energy Audit Report, June 2000, Kocaeli.
- T.Çoban, A.Yazar, F.Akgün, M.Tiris, H.Olgun, Ç.Tiris and H.M.Söhmen, Investigation of Vibration Problem for Erdemir Steel Furnaces, June 2000, Kocaeli.
- F.Akgün, M.Tiris, D.Uzun, N.Ünlü, H.Uçarol, H.Olgun, T.Çoban and C.Güngör, Adana Cement Plant Energy Audit, August 2000, Kocaeli.
- A.Yılmaz, E.Özsu, A.Kaypmaz, M.Çoban, M.Tiris, JP.EE.01- Sea systems integration on Topic 6: Ship servive & propulsion systems, Topic 8: Standards, September 2000, Kocaeli.

- F. Akgün, N.Ünlü, L.Turhan, H.Olgun, E.Özsu, U.Sevgen, H.M.Söhmen, K.Bozkurt and M. Tiris, JP.EE.04 - Energy Storage Evaluation of SMES, Rotating Machines and Batteries, October 2000, Kocaeli.
- Ç.Tiris, M.Tiris, C.Güngör and F.Türksoy, Effect of High Insolation Window Using on Energy Efficiency for Office Buildings, February 1999, Kocaeli.
- F.Akgün, M.Tiris, D.Uzun, C.Güngör, C.Kaypmaz, N.Ünlü, Y.Uralcan and N. Kaptan, Afyon Cement Plant Energy Audit, February 1999, Kocaeli.
- H.Olgun, N.Ünlü, E.A.Yağmur, T.C.Kaypmaz, H.Gürkan, S.Çataltepe, M.Tiris and F.Akgün, Thermal Imaging, Leak Detection and Harmonic Measurements for National Power Marmara Ereğlisi Power Plant, September 1999, Kocaeli.
- C.Güngör, M.Tiris, F.Akgün, N.Ünlü, Solar Absorption Cooling, November 1999, Kocaeli.
- M. Tiris, J.L.J. Rosenfeld, J. Knobloch, V.V.Kochelap, Research and demonstration of advanced silicon PV technology for terrestrial applications in Ukraine, December 1999, Kocaeli.
- F. Akgün, M. Tiris, D. Uzun, C. Güngör, C. Kaypmaz, N. Ünlü, Y. Uralcan and N. Kaptan, Trakya Cement Plant Energy Audit, October 1998, Kocaeli.
- F. Akgün, M. Tiris, D. Uzun, C. Güngör, C. Kaypmaz, N. Ünlü, Y. Uralcan and N. Kaptan, Ankara Cement Plant Energy Audit, December 1998, Kocaeli.
- M. Tiris, Ç. Tiris, H.M. Söhmen, A. Yazar, Y.Erdalli, D. Timur, C. Güngör, NATO-TU COATING Final Report, Aralık 1998
- I.E. Türe, F. Kadirgan, M. Tiris, A.J. Wetherilt, Ç. Tiris, A. Yazar, H.M. Söhmen, Y. Erdalli and D. Göbelek, Selective Surface Applications and Collector Tests, January 1997, Kocaeli.
- Ç.Tiris, M.Tiris and İ.E.Türe, Indoor performance tests for solar collectors, June 1996, Kocaeli.
- S.Dilmac, M.Tiris and C.Tiris, "Importance of insulation to reduce energy demand in Istanbul and necessary measures (in Turkish)", TUBITAK-Energy Systems and Environmental Research Institute, Project No: 15.2.027, August 1996, Kocaeli.
- M.Tiris, Y.Erdalli, C.Tiris and I.E.Türe, "Durability tests for solar collectors (in Turkish)", TUBITAK-Energy Systems and Environmental Research Institute, Project No: 16.5.001, June 1996, Kocaeli.
- A.Yazar, I.E.Türe and M.Tiris, "Solar simulator design and installation (in Turkish)", TUBITAK-Energy Systems and Environmental Research Institute, Project No: 16.2.005, June 1996, Kocaeli.
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