

CURRICULUM VITAE

2011

ADDRESS:

Associate Professor, Head
Industrial Engineering Department
Işık University
Maslak
İstanbul
Turkey

EDUCATION:

Ankara College*	High School
Middle East Technical University*	Physics (B.S)
Middle East Technical University*	Operations Research (M.Sc)
Istanbul Technical University	Industrial Engineering (Ph.D)
Middle East Technical University*	Industrial Engineering (Assoc. Prof.)

* In these schools the academic language was in English.

OTHER EDUCATIONAL WORK:

1. Management Center, University of Bradford, England. One month duration, attend to courses and involvement in research on the industrial applications of System Dynamics, November 1978.
2. Faculty of Business Administration, University of Delft Holland. 15 days course on the new developments of System Dynamics, March 1978.
3. University of Grenoble, France. Research on the R-D policy of Turkey, November 1977.
4. Massachusetts Institute of Technology, U. S. A., 20 days course on System Dynamics related to the research being done in Marmara Research Institute of R-D policy of Turkey, June 1977.

KNOWLEDGE OF FOREIGN LANGUAGE:

	Reading	Writing	Speaking
English	Excellent	Excellent	Excellent
German	Fair	Fair	Fair
French	Fair	Fair	Fair

KNOWLEDGE OF COMPUTER LANGUAGES OPERATING SYSTEMS :

Fortran	Linux
Windows NT	Networking
Cobol	Basic
Data Base Management System	VAX-VMS
SCO Unix	Internet & WEB Programming
C Language	JAVA
LINGO	Minitab

PROFESSIONAL DEVELOPMENT AND EXPERIENCE:

(Starting from the last task of year)

1. Founder, Department Head, Industrial Engineering Dep. Işık University. (2002 – cont.)
2. Assoc. Prof., Computer Engineering Dept. Işık University. (Sept. 1999 – 2002.)
3. Founder, President of UNICOM Information & Communication Systems A.Ş. (Nov. 1990 – Sept. 1999)
4. Pensioned from Marmara Research Institute (1990)
5. Director of Data Processing Center, Marmara Research Institute (M.R.I), (July 1985-1990).
6. Head Senior Researcher, Dept. of Operations Research Marmara Research Institute (M.R.I), (April 1980-July 1985).
7. Co-Founder, The Operations Research Society of Turkey, Secretary General, (September 1978-September 1984).
8. Founder, Head, Project Control and Evaluation Group of M. R. I (Jan. 1982-Jan. 1983) + Head Senior Researcher, Dept. of Operations Research (M. R. I), (April 1980-cont.).

9. Acting director of the dept. of Operation Research M. R. I. For 8 months till the new director was assigned (Jun. 1979-Dec. 1980).
10. Senior Researcher, Dept. of Operations Research M. R. I. (May 1976-April 1980).
11. Assoc. Senior Researcher, Dept. of Operations Research M. R. I. (Dec. 1973-May 1976).
12. Military Service completed (July 1975-Sept. 1975).
13. Research Assistant, Dept. of Operations Research, M. R. I (March 1970-Dec. 1973).

PAPERS AND OTHER PUBLICATIONS:

1. Balta,Ş., Altunbay,S. “Electrical Energy Resources Optimization”, 31st national congress on O.R. Sakarya University, Sakarya, 2011.
2. Kars,C., Altunbay, S. “Fosil Yakıtların Küresel Isınmaya Etkisi ve Yenilenebilir Enerji Yatırımları Üzerine Bir Sistem Dinamiği Modeli”, 30th national congress on O. R. Sabancı University, İstanbul, 2010.
3. Köksel,A., Altunbay, S. “SistemDinamiği Yaklaşımı ile Türkiye’ de Hayvancılığın Geleceği”, 30th national congress on O. R. Sabancı University, İstanbul, 2010.
4. Öztürk,T., Altunbay,S. “Secure Chat Application with Java Technology”, Proceedings of International Conference of Information Technology, December 2004, İstanbul.
5. Çağdaş,E., Hürgele,E., Altunbay, S. “Emed: Medication Selling System” Proceedings of International Conference of Information Technology, December 2004, İstanbul.
6. Ibrahimoğlu, C., Cevikol, S. Altunbay, S. “Işık University Graduation Projects Portal” Proceedings of Academic Information Conference 2004, Informatics Association of Turkey, Trabzon Technical University, Trabzon, 2004.
7. Sag, K., Altunbay, S. “Web site of an Engineering Faculty” Inet-tr’03, Internet Conference of Turkey, Harbiye Askeri Müze ve Kültür Sitesi, İstanbul, 2003.
8. Toplu, G., Altunbay, S. “Voice Calculator with Voice XML” Inet-tr’03, Internet Conference of Turkey, Harbiye Askeri Müze ve Kültür Sitesi, İstanbul, 2003.
9. Koyuncu, B., Altunbay,S. “ Project House” Inet-tr’02, Internet Conference of Turkey, Harbiye Askeri Müze ve Kültür Sitesi, İstanbul, 2002.
10. Toprak, Ö., Altunbay,S. “An M-Brokerage application using Java and SOAP” Inet-tr’02, Internet Conference of Turkey, Harbiye Askeri Müze ve Kültür Sitesi, İstanbul, 2002.
11. Altunbay, S. “Giving and Viewing Grades via Internet in Işık University”, Proceedings of Academic Information Conference 2002, Informatics Association of Turkey, Konya Selçuk University, Konya, 2002.
12. Altunbay, S., “A simulation model for the balance of energy production and consumption”, Ph. D. Dissertation, İstanbul Technical University, İstanbul, Jan. 1985.
13. Altunbay, S., “A performance evaluation method for a scientific and industrial research institute”, 8th national congress on O. R. Middle East Technical University, Ankara, 1983.
14. Altunbay, S., Kızıltan, G., “A management information system design for a scientific and industrial research institute”, 8th national congress on O. R. Middle East Technical University, Ankara, 1983.
15. Altunbay, S., Pamuk, M., Gündoğdu, H, Önder, Y., “A management information system design for Turkish maritime and sea man for the ministry of transportation”, 8th national congress on O. R. Middle East Technical University, Ankara, 1983.
16. Altunbay, S., Kızıltan, G., “Management information system design for a research institute in developing country-a case study”, R+D Management, April 1982.
17. Altunbay, S. (co-editor), “Proceedings of the O. R. Congress’80”, Operations Research Society of Turkey + Bosphorus University, İstanbul, 1980.
18. Altunbay, S., Menlioğlu, T., “Research project cost estimation and overhead distribution method for a research institute”, 8th national congress on O. R. Middle East Technical University, Ankara, 1983.
19. Altunbay, S., Aydın, S., Yetiş, N., “A system dynamics model for the Turkish agricultural sector”, 6th national congress on O. R. Hacettepe University, Ankara, 1980.
20. Altunbay, S. (co-editor), “Proceedings of O. R. Congress’79”, Operations Research Society of Turkey + Academy of Trade and Economy, Eskişehir, 1979.
21. Oral, M., Evranuz, C., Nebol, E, Altunbay, S., “Monetary and non-monetary objective functions in inventory control models”, 3rd national congress on O. R., Aegean University, İzmir, 1977.
22. Altunbay, S., Evranuz, C., Nebol, E., “A production planning model and its implementation in the industry”, 2nd national congress on O. R. Middle East Technical University, Ankara, 1976.
23. Altunbay, S., “A simultaneous production planning and inventory control model”, 1st national congress on O. R., Bosphorus University, İstanbul, 1975.

CONGRESSES AND SEMINARS ATTENDED:

1. 30th National Congress on Operations Research &Industrial Engineering, Sabancı University, 2010, İstanbul(Chairman).

2. 28th National Congress on Operations Research & Industrial Engineering, Galatasaray University, Istanbul, 2008.
3. 26th National Congress on Operations Research & Industrial Engineering, Kocaeli University, Istanbul, 2006 (Chairman).
4. International Conference of Information Technology, December 2004, İstanbul. (Chairman)
5. Academic Information Conference 2004, Informatics Association of Turkey, Trabzon Technical University, Trabzon, 2004.
6. Inet-tr'03, Internet Conference of Turkey, Harbiye Askeri Müze ve Kültür Sitesi, Istanbul, 2003. (Chairman)
7. Academics Information Conference, Informatics Association of Turkey, Konya Selçuk University, 2002. (Chairman)
8. Academics Information Conference, Informatics Association of Turkey, Isparta University, Isparta, 2000.
9. 11th National Congress on Operations Research, Marmara University, Istanbul, 1987.
10. 10th National Congress on Operations Research, Aegean University, İzmir, 1985.
11. 8th National Congress on Operations Research, Middle East Technical University, Ankara, 1983 (Congress co-organiser and chairman).
12. 7th National Congress on Operations Research, Atatürk Cultural Center, Istanbul, 1981 (Chairman).
13. 6th National Congress on Operations Research, Hacettepe University, Ankara, 1980 (Congress co-organiser and chairman).
14. 5th National Congress on Operations Research, Academy of Economy and Trade, Eskişehir, 1979 (Congress co-organiser and chairman).
15. 1st – 4th National Congresses on Operations Research, held in Istanbul, Ankara, İzmir, 1975-1979.

RESEARCH PROJECTS:

1. Altunbay, S., Dalgıç, A., Azun, M., “The evaluation of computer selling proposals of the companies for the association of chambers of commerce and industry of Turkey”, Dept. of O. R., Marmara Research Institute, December 1984 (Project Leader).
2. Altunbay, S., Dalgıç, A., Azun, M., “The desing and implementation of the computerised data base management system for the association of chambers of commerce and industry of Turkey”, Dept. of O. R. Marmara Research Institute, August 1984 (Project Leader).
3. Soysal, A., Altunbay, S., Oktay, N., Özmızrak, N., Yılmaz, I., “The design of the science and research policy of Turkey for the years 1983-2003 for the Ministry of Scientific affairs of Turkey”, Dept. of O. R., Marmara Research Institute, November, 1983.
4. Altan, B. Özmızrak, N., Yalçın, M., Kızıltan, G., Altunbay, S., Peiser, S., “A study on the installation of a metrology center in Turkey”, Marmara Research Institute, August, 1983.
5. Altunbay, S., Atacık, Y., Kızıltan, G., Tuyeni, E., “A computerised project information system design and implementation for Marmara Research Institute, November 1981 (project leader).
6. Oral, M., Malouin, J., Altunbay, S., Uygur, R., Yetiş, N., “Determination of R-D projects for the iron steel industry of Turkey”, Dept. of O. R., Marmara Research Institute, 1977.
7. Oral, M., Malouin, J., Altunbay, S., “A system dynamics model for the R-D strategy of Turkey”, Dept. of O. R., Marmara Research Institute, Feb. 1977.
8. Altunbay, S., Oral, M., Ulusoy, G., Yetiş, N., Atabarut, N., “An inventory control project for the firm ENDAS”, Dept. of O. R., Marmara Research Institute, 1977 (project leader).
9. Yalçın, H., Baylav, C., Altunbay, S., Duyar, A., “A production planning model and its implementation for ERGANİ copper mine of Etibank”, Dept. of O. R., Marmara Research Institute, January 1977.
10. Altunbay, S., Evranuz, C., Nebol, A., Oral, M., “The implementation of the production planning and inventory control model developed for ELGINKAN HOLDİNG”, Dept. of O. R., Marmara Research Institute, January 1976 (project leader).
11. Doğrusöz, H., Evranuz, C., Altunbay, S., Nebol, E., “The development of a production planning and inventory control model for ELGINKAN HOLDİNG”, Dept. of O. R., Marmara Research Institute, June 1974.
12. Yalçın, H., Altunbay, S., Evranuz, C., “System analysis for the Turkish Higher Marine Academy”, Dept. of O. R., Marmara Research Institute, June 1974.
13. Unlu, S., Maktav, S., Nurhat, E., Altunbay, S., Evranuz, C., “Sale promotion for the department store GIMA”, Dept. of O. R., Marmara Research Institute, September 1972.
14. Türksen, B., Akgül, M., Altunbay, S., “The development plan of housing for the city of Ankara”, Dept. of O. R., Marmara Research Institute, September 1972.
15. Bayraktar, B., Uykak, T., Evranuz, C., Altunbay, S., “Coal transportation, stocking and distribution project for the Turkish Coal Board”, Dept. of O. R., Marmara Research Institute, October 1970.

TECHNICAL REPORTS:

1. Altunbay, S. "Giving and Vieving Grades via Internet in Işık University", Dept. Of Computer Engineering, Işık University, March 2002.
2. Soysal, A., Altunbay, S., Oktay, N., Yılmaz, I., "Priority Determination in Science and Research Supporting Development Objectives – A Case Study", Dept. of Operations Research, Marmara Research Institute, December 1989
3. Yalçın, G., Altunbay, S., "The Library System Computer Software Package Development of Marmara Research Institute", EBİM, Marmara Research Institute, March 1989.
4. Yalçın, G., Altunbay, S., "The Personel Payroll System Computer Software Package User Hand Book", EBİM, Marmara Research Institute, October 1988.
5. Kirtiş, D., Aydınlik, Y., Açıkbaş, A., Aydın, I., Yılmaz, G., Altunbay, S., "The Charging System of Telephone Communication Costs of Marmara Research Institute Lodgings", EBİM, Marmara Research Institute, June 1987
6. Ozay, H., Yılmaz, G., Uzunkol, A., Altunbay, S., "Accounting the usage of VAX-11/780 system on project basis", Data Processing Center, Marmara Research Institute, December 1986.
7. Altunbay, S., "Introduction to system dynamics-Seminar Notes", Summer School on O. R. Supported by TUBİTAK, Marmara Research Institute, Oct. 1986.
8. Altunbay, S., "A method for the priority determination in science and technology", (translation into Turkish), Dept. of O. R., Marmara Research Institute, April 1983.
9. Altunbay, S., "The possible impacts of the O. R. Projects to the development of Turkish economy", Dept. of O.R., Marmara Research Institute, March 1983.
10. Altunbay, S., Özkaya, G., "Investment decisions in energy producing and energy consuming sectors of an economy for the balance of energy production and consumption", Dept. of O. R., Marmara Research Institute, January 1982.
11. Altunbay, S., "Opinions on the working procedures of the consultative boards of the departments and M. R. I., Dept. of O. R., Marmara Research Institute, Dec. 1983.
12. Altunbay, S. (co-author), "Report on the science, research and technology situation of Turkey", R-D comission of the State Planning Organization of Turkey, Dec. 1982.
13. Altunbay, S., "Energy problem and modeling approaches", Dept. of O. R., Marmara Research Institute, Sept. 1981.
14. Altunbay, S., Kızıltan, G., "Problems and solution alternatives in science and technology in Turkey", Dept. of O. R., Marmara Research Institute, Oct. 1981.
15. Altunbay, S., "The evaluation of the preformance of the department of Operations Research", Dept. of O. R., Marmara Research Institute, Dec. 1980.
16. Altunbay, S., "The evaluation of past ten years of Marmara Research Institute", Dept. of O. R., Marmara Research Institute, Sept. 1980.
17. Altunbay, S., "The institutional problems related to the science and technology in Turkey", Dept. of O. R., Marmara Research Institute", May 1979.

EXPERIENCE & REFERENCES IN PRIVATE SECTOR:

The computers which are listed in the references are assembled in UNICOM. The networks, SCO Unix, Novell, Windows NT, Linux installed systems are completely developed in UNICOM. UNICOM also has internet services for which the computers and the internet services are developed by UNICOM. Web hosting and e-trade services are developed in UNICOM.

MULTI USER UNIX SYSTEMS:

1. İstanbul Teknik Üniversitesi Fen Edebiyat Fakültesi Matematik Bölümü – UNICOM Workstation Linux
2. TÜBİTAK Marmara Araştırma Merkezi Gen Müh. ve Biyoteknoloji Araştırma Enst. – UNICOM Workstation Linux.
3. İ. Ü. Çapa Tıp Fakültesi Mikrobiyoloji Ana Bilim Dalı – 16 Kullanıcılı Unix Bilgisayar.
4. İ. Ü. Cerrahpaşa Tıp Fakültesi Mikrobiyoloji Ana Bilim Dalı – 8 Kullanıcılı Unix Bilgisayar.
5. Deltakim Kimyasal Maddeler A. Ş. – 8 Kullanıcılı Unix.

6. Ađaođlu Őirketler Grubu – 8 Kullanıcılı Unix.
7. Ađaođlu My Resort Oteli – Uludađ – 24 Kullanıcılı Unix.
8. Ađaođlu My Resort Oteli – Bodrum – 16 Kullanıcılı Unix.
9. Sistem Kimya San. ve Tic. A. Ő. – 8 Kullanıcılı Unix.
10. Akçakoca Oteli – 16 Kullanıcılı Unix.
11. Unicom Bilgi ve İletifim Sistemleri A. Ő. – 8 Kullanıcılı Unix.

NOVELL NETWORK SYSTEMS.

1. Fortex Kimyasal Maddeler San. Tic. A. Ő. – 5 Kullanıcılı Novell Netware,
2. Lamberti Kimyasal Maddeler A. Ő. – 5 Kullanıcılı Novell Netware,
3. Aktan Kimyasal Maddeler A. Ő. – 5 Kullanıcılı Novel Netware.

WINDOWS NT NETWORK SYSTEMS:

1. Aktif Deterjan ve Kimya Sanayii ve Tic. A. Ő. – Windows NT (5 bilgisayar),
2. Akyüz Gıda Pazarlama Tic. Koll. Őti. – Windows NT (10 bilgisayar),
3. Gema International Trade Co. Ltd. - Windows NT (2 bilgisayar),
4. Üçel Gıda ve Kimyasal Maddeler A. Ő. - Windows NT (5 bilgisayar),
5. Kempro Kimyasal Maddeler A. Ő. - Windows NT (4 bilgisayar),
6. Moda (Koleji) Eğitim ve Kültür Kurumları – Lise Laboratuvar'95 Network (12 bilgisayar- UNICOM Linux server üstünden internet çıkıŐlı),
7. Moda (Koleji) Eğitim ve Kültür Kurumları – Lise Laboratuvar'95 Network (18 bilgisayar- UNICOM Linux server üstünden internet çıkıŐlı),
8. Moda (Koleji) Eğitim ve Kültür Kurumları – Lise Laboratuvar'95 Network (12 bilgisayar- UNICOM Linux server üstünden internet çıkıŐlı),
9. Unicom Bilgi ve İletifim Sistemleir San. Tic. A. Ő. – Windows NT,
10. Envirotek Arıtma Teknolojileri San. ve Tic. A. Ő. – Windows95 Network.

DİĐER KURULUŐLAR:

1. Ađaođlu Park Otel Uludađ,
2. KBS Kalıp Bađlama Sistemleri Ltd. Őti.,
3. TÜBİTAK Marmara AraŐtırma Merkezi Malzeme ve Kimya Mühendisliđi AraŐtırma Enst.