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Güray (ÇELİK) SALİHOĞLU

Personal Information

- Date of Birth : 03/07/1974
- Place of Birth : Trabzon
- Marital Status : Married (with a 5 years daughter)

Education

- 2001- 2007 **PhD-** Uludağ University, Science Institute,
Environmental Engineering Department
- Subject of the Thesis: Stabilization and Solidification of
Steel Foundry Wastes Containing Hazardous Metals
- 1999-2001 **Master of Science-** Uludağ University, Science Institute,
Environmental Engineering Department
- Subject of the Thesis: Ecological Risk Assessment and
Problem Formulation for Uluabat Ramsar Site
- 1991-1995 **Bachelor -** Ondokuz Mayıs University, Engineering
Faculty, Environmental Engineering Department
- 1984-1991 **High School Education-** Trabzon Anatolian High School

Language Skills

English – Fluent in speaking, good at reading- comprehension and writing

Professional Experience

	Institution	
Position		
2007-...	Uludağ University Environmental Engineering Dept.	Educational Member
2000-2007	Uludağ University Environmental Engineering Dept.	Research Assistant
1998-2000	Bursa Metropolitan Municipality Local Agenda 21 Directorate	Director
1997-1998	Bursa Metropolitan Municipality Local Agenda 21 Directorate	Environmental Engineer
1996-1997	Bursa Metropolitan Municipality Environmental Protection Department	Environmental Engineer

International Experience	Subject of The Course	Date and Place of Course	Host Organization	Financed by
	Sustainable Development- Training of the Trainers	Africa- Zimbabwe (April 19-30, 1998)	ICLEI ¹	ICLEI
	Healthy Cities Conference	Greece-Athens (June 19-24,1998)	WHO ²	Bursa Metropolitan Municipality
	Euro-Mediterranean Sustainable Cities and Towns Conference	Spain- Sevilla (January20-24,1999)	ESTCC ³	Bursa Metropolitan Municipality & UNDP
	CEROI ⁴ - Technical Workshop	Spain-Barcelona (March 1999)	UNEP-GRID Arendal ⁵	Bursa Metropolitan Municipality
	Inter-municipal Management- Sustainable Development Local Agenda 21 Training Program	Netherlands-The Hague, Amsterdam, Maastricht (October-November 1999)	Netherlands Union of Local Governments	Netherlands Union of Local Governmens

National Experience

- Researcher at the project namely, “Stabilization and Solidification of Steel Foundry Wastes” financed by Uludag University
- Economical Instruments in Environmental Management Seminar, Turkish Republic Ministry of Environment, Ankara
- Training on Systemic Approach in Environmental Management, GTZ- German Technical Cooperation Program, Kızılcahamam-Ankara
- National Action Planning, State Planning Agency, Bursa-Uludağ
- Local Agenda 21 Meetings- IULA-EMME International Union for Local Authorities- East Mediterranean and Middle East Section , Meetings and workshops in Istanbul, Ankara, Antalya, Bursa, Kutahya, Trabzon, Çorum, Afyon, Eskişehir
- Seminars on Solid Waste Recycling , Bursa Metropolitan Municipality- CEVKO, Bursa
- Facilitator at Bursa organization of ICLEI-International Council for Local Environmental Initiatives Executive Committee Meeting
- ISWA-International Solid Waste Association, World Environment

¹ ICLEI- International Council for Local Environmental Initiatives (Head Office in Canada)

² WHO- World Health Organization

³ ESTCC- European Sustainable Towns and Cities Campaign

⁴ CEROI- Cities Environmental Reports on Internet Project

⁵ UNEP GRID Arendal- United Nations Environment Program Global Data Bank Resource

- Congress and Exhibition, İstanbul
- Environmental Engineering Congress, Mersin
 - National Solid Waste Management Congress, Izmir
 - METU (Middle-East Technical University)-Environmental Pollution Control Symposia
 - İstanbul Metropolitan Municipality, Municipal Management-Human and Environmental Problems Symposia.
 - Assistantship for lessons ‘Environmental Impact Assessment-Turkish’, ‘Operation of Wastewater Treatment Plants-Turkish’, ‘Principles of Water Quality Control-English’, ‘Water Supply and Wastewater Disposal-English’, ‘Occupational English’.
 - Supervision for bachelor thesis (Subjects were: ISO 14001 Implementation Practices in Bursa Industry, State of Environmental Report of Bursa City, Treatability of Landfill Site Leachate, Hazardous Waste Management, Present and Future Pollution Problems of Nilüfer River in Bursa)
 - Facilitator and trainer role at some meetings and workshops within the concept of Local Agenda 21 activities of Bursa Metropolitan Municipality

Courses Taken
(certificated)

- Project Planning and Preparation for EU Funds
- ISO 14001 Internal Audit Training
- ISO 14000 Environmental Management System Training
- ISO 9000 Expert Training Program
- Bibson Rapid and Active Development Training
- Inter-Municipal Cooperation Program-Sustainable Development Training
- Management Planning at Watersheds-European Commission Program
- Solid Waste Management and Recycling at Local Authorities
- International Healthy Cities Conference
- New Academy of Business- Institutional Social Responsibility
- Municipal Management-Human and Environmental Problems Symposia.
- Ankara University- TÖMER-Course for Spoken English
- M.E.B. Trabzon Akgün Computer Operation Course

Papers

Publications

- **SALİHOĞLU, G., PINARLI ,V.** 2007. Steel foundry electric arc furnace dust management: Stabilization by using lime and Portland cement. Journal of Hazardous Materials, 153/3, 110-1116.
- **SALİHOĞLU, G., PINARLI ,V., SALİHOĞLU N.K., KARACA, G.** 2007. Properties of steel foundry electric arc furnace dust solidified/stabilized with Portland cement, Journal of Environmental Management, 85, 190-197.

- SALIHOGLU, N.K., PINARLI, V., **SALIHOGLU, G.** 2007. Solar drying in sludge management in Turkey, *Renewable Energy*, 32, 1661-1675.

- **SALIHOGLU, G.** 2007. Hazardous waste management and the situation in Turkey, *Chemistry Technologies Journal*, August 2007/08, 32-36 (in Turkish).

- **SALIHOGLU, G.**, SEZGİN, T.A., SIVRIOGLU O. 2007. Determination of the problems and solutions in hazardous waste management in Turkey by the partners, *TÜRKAY 2007: Waste Management and Environmental Problems in Turkey in the EU Process Symposium*, Hazardous Waste Management Session, 21-31 May 2007, İstanbul (in Turkish).

- **SALIHOGLU, G.**, KARACA, G., PINARLI, V. 2007. Cement Use for Environmental Purposes: Hazardous Waste Treatment, *Turkish Cement Manufacturers' Association, 3rd International Symposium "Sustainability in Cement and Concrete"*, Proceedings (Editor: Asım Yeğinoğlu), Vol:1, Sf. 214-221. 21-23 May 2007, İstanbul.

- PINARLI, V., KARACA, G., **SALIHOĞLU, G.**, SALIHOĞLU, N.K., 2005. Stabilization and Solidification of Waste Phosphate Sludge Using Portland Cement and Fly Ash as Cement Substitute. *Journal of Environmental Science and Health, Part A.*, Vol. A40, No.9.

- **SALIHOĞLU, G.**, KARAER F., 2005. "Ecological Risk Assessment for Lake Uluabat", *Journal of Water Pollution Control*, İstanbul Technical University (İTÜ) Publications , İTÜ Journal/1, Vol:15, Issue (1-3), 17-28 (in Turkish).

- **SALIHOGLU, G.**, KARAER F., 2004. "Ecological Risk Assessment and Problem Formulation for Lake Uluabat, a Ramsar State in Turkey" , *Environmental Management*, Vol.33, No.6, pp. 899-910.

- **SALIHOGLU,G.**, ACAR V., SALIHOGLU, N.K., 2003. "ISO 14001 Environmental Management System Implementation Practices in Bursa Industry" *Environment Science & Technology* , Chamber of Environmental Engineers, Ankara (in Turkish)

- **SALIHOGLU, G.**, ZILELI, S., 2002. "Environmental Identity of City of Bursa" *Journal of Engineering and Architecture*, Chamber of Architects, Bursa (in Turkish)

- SALIHOGLU, N.K., PINARLI V., **SALIHOGLU, G.**, 2002. "Assessment of Leachate from the Sanitary Landfill of Bursa: Effect of Landfill Age on the Leachate Characteristics and Treatment",

ISWA 2002 World Environment Congress and Exhibition, Istanbul
(in English)

- **SALIHOGU, G., PINARLI V., SALIHOGU, N.K., 2001.** Problem Formulation in Ecological Risk Assessment of Uludağ, IV. National Environmental Engineering Congress, TMMOB Chamber of Environmental Engineering, “Environmental Management” session, pp. 312-321, Mersin, November 2001. (in Turkish)
- **SALIHOGU, N.K., PINARLI V., SALIHOGU, G., 2001.** Problems in Collection, Transportation and Disposal of Medical wastes- Bursa Case Study, IV. National Environmental Engineering Congress, TMMOB Chamber of Environmental Engineering, “Solid Waste Management” session, pp. 249-259, Mersin, November 2001. (in Turkish)
- **SALIHOGU, G., 2001.** “Water Facts and Blue Hopes for Nilüfer River” , Bursa Notebook- Science, City and Industry, BURDEF-ISSN 1302-1974, pp. 44-54, Bursa. (in Turkish)
- **SALIHOGU, N.K., PINARLI, V., CELIK,G., 2000.** “Design Criteria in Evaluation of Landfill Gas for Electricity Generation- Bursa Case Study” 1st National Solid Waste Congress, UKAK 2001, Dokuz Eylül University- Environmental Engineering Department, “Environmental Effects and Operation of Municipal Landfills” session, pp.17-28. Izmir, April 2001. (in Turkish)
- **SALIHOGU, N.K., PINARLI, V., CELIK,G., 2000.** “Electricity Generation from Methane Gas From Landfills” METU 1st National Environmental Pollution Symposia, Middle East Technical University- Environmental Engineering Department, pp. 367-370, Ankara, October 2000. (in Turkish)
- **KARAER, F., NALBUR, B.E., CELIK,G., 2000.** “Industrial Pollution Projection and Bursa Case Study” METU 1st National Environmental Pollution Symposia, Middle East Technical University-Environmental Engineering Department, pp. 325-328, Ankara, October 2000. (in Turkish)
- **CELIK G., KARAER, F., 1999.** “Application of Economical Instruments in Water Resources Management” Urban Management-Human and Environmental Problems Symposia’99. Istanbul Metropolitan Municipality, Vol. 2, pp. 146-155, Istanbul. (in Turkish)
- **CELIK,G., 1999.** “Local Agenda 21-Bursa Case Study with an Integrated Environmental Policy Approach” Urban management-Human and Environmental Problems Symposia’99. Istanbul Metropolitan Municipality, Vol. 2, pp. 146-155. Istanbul (in Turkish)

- **CELIK,G.**, 1999. “Local Agenda 21-Bursa” Euro-Mediterranean Conference of Sustainable Cities&Towns’99, Written Contributions, Sevilla, Spain (in English)

Research Reports

CELIK,G. (1999) “Economical Instruments in Environmental Management”, Published by Bursa Metropolitan Municipality, Bursa, p. 25 (in Turkish)

CELIK,G. and Ç.KIZILKAYA (1998) “Local Agenda 21-Bursa Experiences Towards Sustainability-Best Practices” Published by Bursa Metropolitan Municipality, Bursa, p 28 . (in English)

CELIK, G., GOCMEN,B., KIZILKAYA, C (1998) “State of Environmental Report of Bursa” Published by Bursa metropolitan Municipality, Bursa, p 200. (in Turkish)

Translation

ALBAYRAK T., **CELIK,G.**, G.OKYAY(1997) “**European Local Agenda 21 Planning Guide-ICLEI**”, Published by Bursa Metropolitan Municipality, Bursa, pp.68 (English to Turkish)

Professional Affiliations

Chamber of Environmental Engineers