

Curriculum Vitae

Personal information

Surname(s) / First name(s)	Gungormus Deliismail, Elif
Address	Izmir Institute of Technology, Department of Chemical Engineering, 107 Gulbahce, Urla, Izmir, Turkey
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Nationality	Turkey
Total Experience	6 Years



Education

Dates	2015-
Title of qualification awarded	PhD Degree
Principal subjects/occupational skills covered	Chemical Engineering/ Faculty of Engineering
Name and type of organisation providing education and training	Izmir Institute of Technology (English) Gulbahce, Urla, 35430 Izmir, Turkey
Dates	2012-2015
Title of qualification awarded	Master's Degree
Principal subjects/occupational skills covered	Environmental Engineering/ Faculty of Engineering
Name and type of organisation providing education and training	Izmir Institute of Technology (English) Gulbahce, Urla, 35430 Izmir, Turkey
Dates	2007-2012
Title of qualification awarded	Bachelor's Degree
Principal subjects /occupational skills covered	Chemical Engineering/ Faculty of Engineering
Name and type of organisation providing education and training	Izmir Institute of Technology (English) Gulbahce, Urla, 35430 Izmir, Turkey

Work experience and Training

Dates	Dec 2012-
Occupation or position held	Teaching Assistant
Name and address of employer	Department of Chemical Engineering, Izmir Institute of Technology
Assisted Courses	<ul style="list-style-type: none">▪ Heat and Mass Transfer▪ Thermodynamic I-II▪ Materials and Energy Balances in Engineering▪ Numerical Methods in Engineering (practical course by MATLAB)▪ Laboratory Applications of Chemical Engineering▪ Fluid Mechanics▪ Chemical Kinetics and Reactor Design▪ Separation Processes

Assisted Courses, (Cont.)

- Process Dynamics and Control
- Engineering Economics and Design
- Engineering Design

Dates	June 2011 - July 2011
Occupation or position held	Manufacturing Trainee
Main activities and responsibility	Traineeship in the Manufacturing Department
Name and address of employer	DYO (Yasar Holding, Turkey)
Type of business or sector	Paint Industry

Dates	June 2010 - July 2010
Occupation or position held	Laboratory Trainee
Main activities and responsibility	Traineeship in the Quality Control and R&D Departments
Name and address of employer	BTM (Turkey)
Type of business or sector	Thermal/Acoustic Insulation Industry

Academic skills and competences

Publications

- Gungormus, E., Tuncel S., Tecer, L.H., Sofuoglu, S.C., 2014 "Inhalation and dermal exposure to atmospheric polycyclic aromatic hydrocarbons and associated carcinogenic risks in a relatively small city". *Ecotoxicology and Environmental Safety* 108, 106-113.
- Ugranli, T., Gungormus, E., Kavcar, P., Demircioglu, E., Odabasi, M., Sofuoglu, S.C., Lammel G., Sofuoglu, A., 2016. "POPs in a major conurbation in Turkey: Ambient air concentrations, seasonal variation, inhalation and dermal exposure, and associated carcinogenic risks". *Environmental Science and Pollution Research* 23 (22), 22500-22512.
- Ugranli, T., Gungormus E., Sofuoglu, A., Sofuoglu, S.C., 2016. "Chapter: Indoor Air Quality in Chemical Laboratories". In *Comprehensive Analytical Chemistry*; Elsevier, 73, 859-878.
- Birgül, A., Kurt-Karakus, P.B, Alegria, H., Gungormus, E., Celik, H., Cicek, T., Can-Güven, E., 2017. "Polyurethane foam (PUF) disk passive samplers derived polychlorinated biphenyls (PCBs) concentrations in the ambient air of Bursa-Turkey: Spatial and temporal variations and health risk assessment". *Chemosphere*, 168, 1345-1355.
- Dumanoglu, Y., Gaga, E., Gungormus, E., Sofuoglu, S.C., Odabasi, M., 2017. "Spatial and seasonal variations, sources, air-soil exchange, and carcinogenic risk assessment for PAHs and PCBs in air and soil of Kutahya, Turkey, the province of thermal power plants". *Science of The Total Environment*, 580, 920-935.
- Kurt-Karakus, P.B, Cicek, T., Sofuoglu, S.C, Celik, H., Gungormus, E., Gedik, K., Sofuoglu, A., Okten, H.E., Birgul, A., Alegria, H., Jones, K.C, 2018. "The first countrywide monitoring of selected POPs: Polychlorinated biphenyls (PCBs), polybrominated diphenyl ethers (PBDEs) and selected organochlorine pesticides (OCPs) in the atmosphere of Turkey". *Atmospheric Environmet*, 177, 154-165.
- Kurt-Karakus, P.B., Alegria, H., Birgul, A., Gungormus, E., Jantunen, L., 2018. "Organophosphate ester (OPEs) flame retardants and plasticizers in air and soil from a highly industrialized city in Turkey". *Science of The Total Environment*, 625,555-565
- Cetin, B., Yurdakul, S., Gungormus, E., Ozturk, F., Sofuoglu, S.C., 2018. "Source apportionment and carcinogenic risk assessment of passive air sampler-derived PAHs and PCBs in a heavily industrialized region". *Sceince of The Total Environment*, 633, 30-41.

Modelling skills and
competences

- Crystal Ball Software
used to carry out Monte Carlo simulation to estimate population exposure/risks. (The simulation is a computer-based method of analysis that uses statistical sampling techniques to obtain a probabilistic approximation to the output of a mathematical equation or a model.)
- Hybrid Single Particle Lagrangian Integrated Trajectory Model (HYSPLIT)
used to provide an air parcel's path backward in time and specify where the air parcel was before it reaches a site where it is analysed.
- Potential Source Contribution Function (PSCF)
a probability function that follows the behaviour of a specific air mass with a known pollutant concentration to identify possible source locations by using back trajectories.