



Address: Department of Environmental Sciences, Faculty of Materials and New Technologies, Shahid Rajaei Teacher Training University, Tehran, Iran

Tel/Fax: +982122970005

Email: msakizadeh@sru.ac.ir

ORCID: 0000-0003-4514-8888

Current position

Name of University/Institution	Shahid Rajaei Teacher Training University		
Department	Environmental Sciences		
Address and Country	Shahid Rajaei Teacher Training University, Shahid Shabanloo Avenue, Lavizan, Tehran, Iran		
Phone number	Tel/Fax:++982122970005	E-mail	msakizadeh@sru.ac.ir
Current position	Assistant Professor	From 2012	Now

Education

	University	Year
PhD (Environmental Sciences)	Tarbiat Modares University, Tehran, Iran	2011
MSc(Environmental Sciences)	University of Tehran, Iran	2007
BS (Environmental Sciences)	Shahid Chamran University	2005

Professional Experience

Faculty member, Department of Environmental Sciences, 2012- current

Head of the Department of Environmental Sciences, 2014-2016

Teaching Experience

Surface and Groundwater Contamination, Environmental Geology, Environmental Statistics, Environmental Chemistry, Heavy Metals in Environment

Research Interests

Spatial analysis, Environmental health risk assessment

Research Publications (Journals)

Sakizadeh M. Zhang C. (2020). Health risk assessment of nitrate using a probabilistic approach in groundwater resources of western part of Iran. *Environmental Earth Sciences*, In press.

Sakizadeh, M. (2017). Geostatistical simulation and the health risk assessment of groundwater quality in south west of Iran.. *Desalination and Water Treatment*, DOI: <https://doi.org/10.5004/dwt.2017.20897>.

Sakizadeh, M., Mirzaei, R., Ghorbani, H., (2016). Support vector machine and artificial neural network to model soil pollution: A case study in Semnan Province, Iran, *Neural Computing and Applications*, DOI 10.1007/s00521-016-2231-x.

Sakizadeh, M., Mirzaei, R., Ghorbani, H. (2016). Geochemical influences on the quality of groundwater in eastern part of Semnan Province, Iran. *Environmental Earth Sciences*, DOI 10.1007/s12665-016-5722-2.

Sakizadeh, M., Ahmadpour E. (2016). Geological impacts on groundwater pollution: a case study in Khuzestan Province, *Environmental Earth Sciences*, DOI 10.1007/s12665-015-4944-z.

Sakizadeh, M., Faraji, F., Pouraghniayi, J. (2016). Quality of Groundwater in an Area with Intensive Agricultural Activity. *Exposure and Health*, DOI 10.1007/s12403-015-0185-3.

Sakizadeh, M. (2016). Artificial intelligence for the prediction of water quality index in groundwater systems, *Modelling Earth Systems and Environment*, DOI 10.1007/s40808-015-0063-9.

Mirzaei, R., **Sakizadeh, M.** (2016). Comparison of interpolation methods for the estimation of groundwater contamination in Andimeshk-Shush Plain, Southwest of Iran. *Environmental Science and Pollution Research*, DOI: 10.1007/s11356-015-5507-2.

Sakizadeh, M., Mirzaei, R., Ghorbani, H., (2015). The Extent and Prediction of Heavy Metal Pollution in Soils of Shahrood and Damghan, Iran, *Bulletin of Environmental Contamination and Toxicology*, DOI 10.1007/s00128-015-1632-3.

Sakizadeh, M. (2015). Assessment the performance of classification methods in water quality studies, A case study in Karaj River, *Environmental Monitoring and Assessment*, DOI 10.1007/s10661-015-4761-6.

Sakizadeh, M., Malian, A., Ahmadpour, E. (2015). Groundwater quality modeling with a small data set. *Groundwater*, DOI: 10.1111/gwat.12317.

Sakizadeh, M., Shayegan, E., SheykhLar, M. (2015). Modelling biological oxygen demand in wastewater of Arak City, Iran. *Water Sanitation and Hygiene for Development*, DOI: 10.2166/washdev.2015.169.

Mirzaei, R., **Sakizadeh, M.,** Teymourzade, S., Ghorbani, H. (2015). Comparative study of heavy metals concentration in topsoil of urban green space and agricultural land uses, *Environmental Monitoring and Assessment*, DOI :10.1007/s10661-015-4973-9.

Sakizadeh, M., Esmaeili Sari, A., Abdoli, A., Bahramifar, N., Hashemi, S.H. (2012). Determination of polychlorinated biphenyls and total mercury in two fish species (*Esox lucius* and *Carassius auratus*) in Anzali Wetland, Iran, *Environmental Monitoring and Assessment*, DOI: 10.1007/s10661-011-2184-6.

Charkhabi, A.H., **Sakizadeh, M.** (2006). Assessment of Spatial Variation of Water Quality Parameters in the Most Polluted Branch of the Anzali Wetland, Northern Iran. *Polish Journal of Environmental Studies*, 15(3):395-403.

Charkhabi, A.H., **Sakizadeh**, M., Rafiee, G. (2005) Seasonal fluctuation in heavy metal pollution in Iran's Siarhoud River: A preliminary study. *Environmental Science and Pollution Research*,12:264-270.

Research Publications (Conferences)

Sakizadeh, M. Groundwater quality with respect to the levels of nitrate and fluoride in Hamedan Province,Iran, 3rd ICSAE 2016,Warsaw,**Poland**.

Sakizadeh, M. Risk Assessment of heavy metals in wheat and barley, 3rd ICSAE 2016, Warsaw, **Poland**.

Sakizadeh, M. Mehrabi Sharafabadi, F.Shayegan, E.Ghorbani, H.(2016). Concentrations and soil-to-plant transfer factor of selenium in soil and plant species from an arid area. Conf. Ser.: Earth Environ. Sci., **Czech Republic**.

Sakizadeh, M. Assessment and mapping of nitrate in the groundwater of Khuzestan Province, Iran, International Water Conference 2016, **Oman**

Graduate Students

Eisa Ahmadpour (MSc), A study about groundwater contamination in Shush and Andimeshk Aquifers, 2012-2014

Hasan Rahmatinia (MSc), Green chemistry and its application in Shajand Petrochemical Complex, Markazi Province, 2012-2014

Zinat Sadat Farhang (Msc), Identification and modeling environmental contamination by GIS and RS: Case study Dez Dam, 2012-2014

Majid Azari Kahal (MSc), Impacts of Environmental Ethics in sustainable development with an emphasis on Islamic rules, 2013-2015

Shahou Khedmati (MSc), Integration of remote sensing and GIS for identification of trend patterns in Wetlands of Iran (Case study Zaribar Wetland), 2013-2015

Mohamad Khani (Msc), A comprehensive study about the sources of contamination in Karun River Watershed, 2014-2016

Majid Bagheri (Msc), Sources of Soil contamination in Ghom City, 2014-2016

Sara Naderpor (Msc), A review of sources of river contamination in Ahvaz Reach, 2015-2017

Maryam Kamrei (Msc), Pollution sourcing of heavy metals in Shahriar District, 2015-2017

Parisa Mozafari (Msc), Analysis of groundwater quality in Malayer Aquifer, 2015-2017

Journal Reviewer

Environmental Monitoring and Assessment, Environmental Earth Sciences, Environmental Pollution