

# CURRICULUM VITAE

## Part A. PERSONAL INFORMATION

CV date

First and Family name	Rouhollah Mirzaei		
Social Security, Passport, ID number		Age	38
Researcher numbers	Researcher ID	T-2257-2018	
	Orcid code	<a href="http://orcid.org/0000-0002-8294-2215">http://orcid.org/0000-0002-8294-2215</a>	

### A.1. Current position

Name of University/Institution	University of Kashan		
Department	Environment		
Address and Country	Qotb-e-Ravandi Blvd. Kashan. Isfahan		
Phone number	0983155913228	E-mail	<a href="mailto:rmirzaei@kashanu.ac.ir">rmirzaei@kashanu.ac.ir</a>
Current position	Head	From	2013
Espec. cód. UNESCO			
Palabras clave			

### A.2. Education

PhD	University	Year
Environmental Engineering	Tarbiat Modares University (TMU)	2013
M.Sc	University of Tehran (UT)	2006
B.Sc	Isfahan University of Technology (ITU)	2003

### A.3. JCR articles, h Index, thesis supervised...

Scopus	Web of Science	Google Scholar
H-Index: 5		H-Index: 7
Documents: 25		Documents: 51
Total citations: 101		Total citations: 183

## Part B. RELEVANT MERITS

Title of Award, Medal, Position	Issuing Authority	Country	Year
2st Place among the graduates	Isfahan University of Technology	Iran	2003
2st Place, National M.Sc.	Ministry of Science, Research &	Iran	2004
1st Place among the graduates	Tehran University	Iran	2006
1st Place, National Ph.D.	Ministry of Science, Research &	Iran	2008

### C.1. Publications (including books)

1- Hagnadri, F.; Mirzaei, R.; Afzali, A. 2018. Environmental Vulnerability Assessment of Lorestan Province Using Multi Criteria Decision Analysis. *Geography and Sustainability of Environment*. 25, 19-34.

2- Nadian, M.; Mirzaei, R.; Soltani-Mohammadi, S.2018. Application of Moran's Autocorrelation in Spatial-Temporal Analysis of PM2.5 Pollutant (A case Study: Tehran City). *Journal of Environmental Health Engineering*. 5(3), 197-213.

3- Sanadi, O.; Mirzaei, R.2018. Removal of Direct Yellow 12 Dye from Aqueous Solutions using Hydrated Cement Powder. *Journal of Health & Development*. 7(1), 33-48.

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- 4- Sanadi, O. & Mirzaei, R. 2018. Assessing the Efficiency of Marble Powder as a Non-Expensive Adsorbent in the Removal of Basic Red 46 Dye from Aqueous Solution. *Journal of Environment and Water Engineering*, 4, 35-46.
- 5- Jafari, A.; Zamani-Ahmadmoodi, R.; Mirzaei, R. Persian leopard and wild sheep distribution modeling using the Maxent model in the Tang-e-Sayad protected area, Iran. *Mammalia*. DOI: <https://doi.org/10.1515/mammalia-2016-0155>
- 6- Zarrintab, M.; Mirzaei, R. 2018. Tissue distribution and oral exposure risk assessment of heavy metals in an urban bird: magpie from Central Iran. *Environmental Science and Pollution Research*. 25(17), 17118–17127.
- 7- Obeidavi, Z.; Rangzan, K.; Mirzaei, R.; Ashrafzadeh, M. 2018. Potential distribution modelling of wildlife species based on ecological knowledge of local communities compared with machine learning methods: A case study of *Gazella subgutturosa* in Mishdagh Protected Area. *Journal of Natural Environment*. 70(4), 893-906.
- 8- Ravankhah, N.; Mirzaei, R.; Masoum, S. 2018. Assessment of Accumulation and Human Health Risk of Trace Elements in the Vicinity of Industrial Estates, Central Iran. *Arch Hyg Sci*. 7(2), 118-125.
- 9- Rahimi, K.; Mirzaei, R.; Akbari, A.; Mirghaffari, N. 2018. Preparation of nanoparticle-modified polymeric adsorbent using wastage fuzzes of mechanized carpet and its application in dye removal from aqueous solution. *Journal of Cleaner Production*. 178. 373-383.
- 10- Mirzaei, R.; Abbasi, N.; Sakizadeh, M. 2017. Water Quality Assessment of Rivers in Bushehr Province by Using Water Quality Index During 2011-2013 Years. *Iran South Med J*. 20(5), 470-480.
- 11- Zarrintab, M.; Mirzaei, R. 2017. Stress induced by heavy metals on breeding of magpie (*Pica pica*) from central Iran. *Ecotoxicology and Environmental Safety*. 143, 28-37.
- 12- Alizadeh, M.; Mirzaei, R.; Kia, S.H. 2017. Determining the Spatial Trend of Water Quality Indices across Kan and Karaj River Basins. *Journal of Environmental Health Engineering*. 4(3), 253-265.
- 13- Obeidavi, Z.; Rangzan, K.; Mirzaei, R.; Kabolizadeh, M.; Amini, A. 2017. Wildlife Habitats Suitability Modelling using Fuzzy Inference System: A Case Study of Persian Leopard (*Panthera pardus saxicolor*) in Shimbar Protected Area. *Iranian Journal of Applied Ecology*. 6(1), 57-66.
- 14- Mirzaei, R.; Hemami, M.R.; Esmaili-Sari, A.; Rezaei, H.; Peterson, A.T. 2017. Using ecological niche modeling to determine avian richness hotspots. *Global Journal of Environmental Science and Management*. 3(2), 131-142.
- 15- Obeidavi, Z.; Rangzan, K.; Mirzaei, R.; Kabolizadeh, M. 2017. Habitat Suitability Modelling of Brown Bear (*Ursus arctos*) in Shimbar Protected Area, Khuzestan Province. *Iranian Journal of Applied Ecology*. 5(4), 61-71.
- 16- Zarrintab, M.; Mirzaei, R. 2017. Evaluation of some factors influencing on variability in bioaccumulation of heavy metals in rodents species: *Rombomys opimus* and *Rattus norvegicus* from central Iran. *Chemosphere*. 169, 194-203.
- 17- Alibeigi, H.; Mirzaei, R.; Zamani-Ahmadmoodi, R. 2017. Investigation of heavy metals concentration in surface sediments of Choghakhor wetland. *Journal of Environmental Studies*. 43(1), 149-161.

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- 18- Fazelnejad, N.; Mirzaei, R.; Heidary Soreshjani, R. 2017. Application of Electre model in locating of municipal solid waste landfill (case study: the city of Khorramabad). *Iranian Journal of Research in Environmental Health*. 3(1), 56-66.
- 19- Sanadi, O.; Mirzaei, R. 2017. Comparison of the Efficiency of Raw and Calcined Powder Marble Waste for the Removal of Acid Orange 7 Dye from Aqueous Solution. *J Rafsanjan Univ Med Sci*.16(2), 117-30.
- 20- Seifi, Y.; Mirzaei, R. 2017. Comparison of Spatial Interpolation Methods to Map Heavy Metals Concentrations in Surface Soil of Aran-O-Bidgol City. *Journal of Environmental Science and Technology*. 19,131-147.
- 21-Moradi, Q.; Mirzaei, R.2017. Spatial Variability Analysis of Heavy Metals in Street Dusts of Kashan City. *Iranian Journal of Health and Environment*. 9(4), 443-56.
- 22- Sakizadeh, M.; Mirzaei, R.; Ghorbani, H. 2016. Geochemical influences on the quality of groundwater in eastern part of Semnan Province, Iran. *Environmental Earth Sciences*. 75(10), <https://doi.org/10.1007/s12665-016-5722-2>.
- 23- Jafari, A.; Mirzaei, R.; Zamani-AhmadMahmoodi. 2016. Species Distribution Modeling of Wild Sheep based on Improving Bias of Occurrence Records and Selecting Appropriate Environmental Predictors using Maxent. *Iranian Journal of Applied Ecology*. 5(15), 39-48.
- 24- Ravankhah, N.; Mirzaei, R.; Masoum, S. 2016. Human Health Risk Assessment of Heavy Metals in Surface Soil. *Mazandaran Univ Med Sci*. 26(136), 109-120.
- 25- Sakizadeh, M.; Mirzaei, R.; Ghorbani, H. 2016. Accumulation and Soil-to-Plant Transfer Factor of Lead and Manganese in some Plant Species in Semnan Province, Central Iran. *Iranian Journal of Toxicology*. (3), 29-33.
- 26- Sakizadeh, M.; Mirzaei, R.; Ghorbani, H. 2017. Support vector machine and artificial neural network to model soil pollution: a case study in Semnan Province, Iran. 28( 11), 3229–3238.
- 27- Ravankhah, N.; Mirzaei, R.; Masoum, S. 2016. Spatial Eco-Risk Assessment of Heavy Metals in the Surface Soils of Industrial City of Aran-o-Bidgol, Iran. *Bulletin of Environmental Contamination and Toxicology*. 96(4), 516-523.
- 28- Sakizadeh, M.; Mirzaei, R. 2016. Health Risk Assessment of Fe, Mn, Cu, Cr in Drinking Water in some Wells and Springs of Shush and Andimeshk, Khuzestan Province, Southern Iran. *Iranian Journal of Toxicology*. 10 (2), 29-35.
- 29- Zarrintab, M.; Mirzaei, R.; Mostafaei, G.; Dehghani, R.; Akbari, H.2016. Concentrations of Metals in Feathers of Magpie (*Pica pica*) from Aran-O-Bidgol City in Central Iran. *Bulletin of Environmental Contamination and Toxicology*. 96(4), 465–471.
- 30- Ravankhah, N.; Mirzaei, R.; Masoum, S. 2016. Determination of heavy metals in surface soils around the brick kilns in an arid region, Iran. *Journal of Geochemical Exploration*. 176, 91-99.
- 31- Alizadeh, M.; Mirzaei, R.; Kia, S.H.2016. Comparative Study of Multiple Supervised Classification Methods to Map Land Use in Local and Regional Scales (Case Study:Kan and Karaj Rivers Basin). *Geography and Sustainability of Environment*. 20, 89-103.

- 32- Obeidavi, Z.; Rangzan, K.; Kabolizadeh, M.; Mirzaei, R.2016. Creating and developing a wildlife spatial database (A case study of Khuzestan province). *Research Quarterly of Geographical Data (SEPEHR)*. 25(99), 19-27.
- 33- Zarrintab, M.; Mirzaei, R. 2016. Evaluation of concentration of some heavy metals in different tissues of common mouse (*Rattus norvegicus*) as a bio-indicator species in Aran and Bidgol city (Isfahan Province). *Journal of Animal Environment*. 8(3), 9-18.
- 34- Sakizadeh, M.; Mirzaei, R. 2016. A comparative study of performance of K-nearest neighbors and support vector machines for classification of groundwater. *Journal of Mining & Environment*. 7(2), 149-164.
- 35- Mirzaei, R.; Sakizadeh, M.; Ghorbani, H. 2015. Nitrate Contamination of Drinking and Agricultural Groundwater Resources in Shahrood and Damghan, Iran. *Journal of Mazandaran University of Medical Sciences*. 25(131),117-127.
- 36- Mirzaei, R.; Teymourzaeh, S.; Sakizadeh, M.; Ghorbani, H. 2015. Comparative study of heavy metals concentration in topsoil of urban green space and agricultural land uses. *Environmental Monitoring and Assessment*. 187(12), 1-12.
- 37- 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*. 23(3), 2758–2769.
- 38- Sakizadeh, M.; Mirzaei, R.; Ghorbani, H. 2015. The Extent and Prediction of Heavy Metal Pollution in Soils of Shahrood and Damghan, Iran. 95(6), 770–776.
- 39- Ravankhah, N.; Mirzaei, R.; Masoum, S. 2015. Evaluation of Geoaccumulation Index, Contamination Factor, and Principal Component Analysis for Estimating Soil Contamination. *Iran. J. Health & Environ*. 8(3), 345-356.
- 40- Mirzaei, R.; Ghorbani, H.; HafeziMoghadas, N.; Rodríguez Martín, J.A. 2014. Ecological risk of heavy metal hotspots in topsoils in the Province of Golestan, Iran. 147, 268-276.
- 41- Mirzaei, R.; Esmaili-Sari, A.; Hemami, M.R.; Rezaei, H.R.; Rodríguez Martín, J.A.2014. Levels and Variability of Metals in Soils of the Province of Golestan (Iran). 67(4), 617–629.
- 42- Zamani-Ahmadmahmoodi, R.; Alahverdi, M.; Mirzaei, R.2014. Mercury concentrations in Common Tern *Sterna hirundo* and Slender-billed Gull *Larus genei* from the Shadegan Marshes of Iran, in north-western corner of the Persian Gulf. *Biol Trace Elem Res*. 159(1-3), 161-6.

## C.2. Research projects and grants

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Title of Project	Place of Work	Dates	
		From	To
Participated in Comprehensive planning project for the Kolah Ghazi National Park and Muteh Protected area.	Faculty of natural resources, Isfahan University of Technology.	2002	2003
Environmental impact assessment of Azadegane shomali Oil project in Khoozestan, Iran	Fannavarane Absaze Company	2006	2007
Environmental impact assessment of Lasak dam project in Guilan, Iran	Asarab Company	2007	2007
Participated in Risk Management project of Tehran dams	Asarab Company	2008	2009
Environmental impact assessment of Jangabad Yazd-Eghlid Railway project in Yazd, Iran	Asarab Company	2009	2009
Environmental impact assessment of Tehran-Mashhad Highway project, Iran	Asarab Company	2009	2010
Participated in Comprehensive planning project for the Sarigol and Salook Protected areas.	Saman Ab Sarzamin Company	2010	2011
Environmental impact assessment of small ports project in Hormozgan, Iran	Asarab Company	2011	2011