Curriculum Vitae

Personal information

Name: Yaser Safari

Sex: Male

Date of Birth: 23 July 1985

Place of Birth: Shahrekord, Iran

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Address: Department of Soil Science, Faculty of Agriculture, Shahrood University of Technology, Shahrood, Iran.

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Education

2011-2015: PhD, University of Zanjan, Zanjan, Iran.

Thesis title: Qualitative evaluation of land suitability for rainfed wheat in soils polluted by heavy metals.

2009-2011: MSc, Vali-e-Asr University of Rafsanjan, Rafsanjan, Iran.

Thesis title: Geostatistical assessing of qualitative land suitability for main irrigated crops in Shahrekord plain.

2004-2009: BSc, Shahrekord University, Shahrekord, Iran.

Thesis title: Spatial distribution of some physical soil properties in Shahrekord plain.

Journal Publication

A: Published in international peer-reviewed journals

1- **Safari Y**, Esfandiarpoor Borujeni I, Kamali A, Salehi MH, Bagheri M. 2013. Mapping of the soil texture using geostatistical method: A case study of the Shahrekord plain, central Iran. *Arabian Journal of Geosciences*, 6: 3331-3339.

2- **Safari Y**, Esfandiarpoor Borujeni I, Kamali A, Salehi MH, Bagheri M. 2013. Qualitative land suitability evaluation for main irrigated crops in the Shahrekord plain: A geostatistical approach compared with conventional method. *Pedosphere*, 23(6): 767‑778.

3- Delavar, MA and **Safari Y.** 2015. Spatial distribution of heavy metals in soils and plants in Zinc Town, northwest Iran. International Journal of Environmental Science and Technology. DOI: 10.1007/s13762-015-0868-0.

4- **Safari Y,** Delavar MA, Zhang Ch, Esfandiarpour-Boroujeni I, Owliaie HR. 2015. The influences of selected soil properties on Pb availability and its transfer to wheat (Triticum aestivum L.) in a polluted calcareous soil. Environmental Monitoring and Assessment. 187 (12). DOI: 10.1007/s10661-015-5001-9.

5- **Safari Y,** Delavar MA, Zhang Ch, Noori Z, Rahmanian M. 2017. Assessing cadmium risk in wheat grain using soil threshold values. International Journal of Environmental Science and Technology. DOI: 10.1007/s13762-017-1422-z.

6- Noori Z, Delavar MA, **Safari Y.** 2018. Influence of alfalfa residue and different-source biochars on the chemical properties of a saline-sodic soil. Natural Resources Conservation and Research. 1 (2): 1-7.

7- **Safari Y,** Delavar MA, Alavi Siney SM. 2018. Soil Pollution: The Hidden Threat to Food Security in Iran. United Journal of Agricultural Science and Research. 1: 1-4.

B: Published in national journals (in Persian with English abstract)

1- **Safari Y**, Esfandiarpour Boroujeni I. 2013. The effect of intra-unit variability of the detailed soil map on the results of qualitative land suitability evaluation (a case study: main irrigated crops in the Shahrekord plain). *JWSS - Isfahan University of Technology*, 17 (65):101-111. (URL: http://jstnar.iut.ac.ir/browse.php?a_code=A-10-1968-1&slc_lang=en&sid=1).

2- **Safari Y,** Esfandiarpour Boroujeni I. 2013. Comparison of functional pedodiversity in two detailed soil map units (A case study: Faradonbeh plain, Chaharmahal-va-Bakhtiari province). *JWSS - Isfahan University of Technology*, 18 (67): 267-277. (URL: http://jstnar.iut.ac.ir/browse.php?a_code=A-10-1532-1&slc_lang=en&sid=1).

3- Abdollahi S, Delavar MA, **Safari Y.** 2014. Assessment of sampling interval effects on the spatial variation of the soil organic matter in the Anguran Region, Zanjan. Soil Management Journal, 1 (1): 45-53. (URL: http://journals.sku.ac.ir/page/article-frame.html?articleId=39740).

4- Delavar MA, **Safari Y.** 2014. Source Identification of Heavy Metals in the Soil by Multivariate Statistical Techniques. *Journal of water and soil*, 29 (3): 627-637. (URL: https://jsw.um.ac.ir/index.php/jsw/article/view/28779).

5- **Safari Y,** Delavar MA, Esfandiarpour Borujeni I, Salehi MH, Owliaie HR. 2016. Assessment of heavy metals using pollution load index in Zanjan Zinc Industrial Town area. Journal of Soil Management and Sustainable Production, 6 (2): 119-133. (URL: http://ejsms.gau.ac.ir/article_3146_0.html).

6- **Safari Y,** Delavar MA, Esfandiarpour Borujeni I, Salehi MH, Owliaie HR. 2016. Mapping the overall soil pollution by heavy metals using limitation scores. Journal of Soil Management and Sustainable Production, 6 (4): 55-70. (URL: http://ejsms.gau.ac.ir/article_3469_en.html).

7- **Safari Y,** Delavar MA, Noori Z. 2017. Land suitability evaluation for irrigated wheat in Zanjan Plain using limitation scores. Journal of Water and Soil, 31 (2): 522-532. (URL: https://jsw.um.ac.ir/index.php/jsw/article/view/53722).

Selected Papers Published in National/International Conferences

1- **Y. Safari**, I. Esfandiarpoor Borujeni, A. Kamali, MH. Salehi. 2011. Spatial variability of soil mechanical constitutes in Shahrekord Plain. 12th Iranian Soil Science Congress. Tabriz, Iran.

2- **Y. Safari**, M.A. Delavar. 2013. Source identification of heavy metals in soil using geostatistical techniques. 13th Iranian Soil Science Congress. Ahwaz, Iran.

3- **Y. Safari**, M.A. Delavar. I. Esfandiarpoor Borujeni, HR. Owliaie. 2015. Assessing the efficiency of using threshold values to reflect the cadmium risk in soil. 14th Iranian Soil Science Congress. Rafsanjan, Iran.

4- **Y. Safari,** M.A. Delavar, C. Zhang. 2015. Accumulation and translocation of lead in wheat plant cultivated in a contaminated area. 5th Annual Conference of the Ireland Chinese Association of Environment, Resources & Energy (ICAERE). 13 May 2015, National University of Ireland, Galway.

5- **Y. Safari,** M.A. Delavar, C. Zhang. 2015. Spatial distribution of wheat plant lead contents in a polluted soil. GIS & Spatial Modeling Research Seminar. 4 June 2015, National University of Ireland, Galway.

6- Z. Noori, M.A. Delavar, **Y. Safari.** 2017. The effects of two biochars and alfalfa residues on electrical conductivity of a sodic and a saline-sodic soil. 1154th Iranian Soil Science Congress. Isfahan, Iran.

7- Z. Noori, M.A. Delavar, **Y. Safari.** 2017. Effect of pyrolysis temperature on selected properties of the produced biochar from walnut shell and sugarcane bagasse. 4th International Conference on Environmental Planning and Management. Tehran, Iran.

8- M. Karimi, Z. Shokoohi, **Y. Safari.** 2018. Assessing soil pollution by heavy metals around the Shahrood Cement Plant. The 4th International Conference on New Findings in Agricultural Science, Natural Resources and the Environment. Tehran, Iran.

9- **Y. Safari.** 2018. Soil chemical degradation; a serious threat to food safety in Iran. International Conference on Promotion of Scientific & Regional Cooperation on Food and Agricultural Sciences. Mashhad, Iran.

Advisor of MSc thesis

1- Bahmani B. 2013. Geostatistical analysis and risk assessment of soil and plant contaminated by lead and zinc in Zanjan zinc industrial area. Soil science department, University of Zanjan.
2- Shabani H. 2014. Spatial variability of soil properties using geostatistical techniques in Zanjan University area. Soil science department, University of Zanjan.
3- Molaei S. 2014. Qualitative and quantitative land suitability evaluation for main crops in Zanjan University area. Soil science department, University of Zanjan.
4- Aqayari H. 2014. Soil mapping and accuracy assessment of its delineations using some statistical approaches in Zanjan University area. Soil science department, University of Zanjan.
5- Jalali H. 2015. Geostatistical analysis and risk assessment of soil contamination by heavy metals in urban and agricultural lands of Zanjan City. Soil science department, University of Zanjan.
6- Noori Z. 2017. Feasibility of improving the chemical properties of sodic and saline-sodic soils using the crop residues and different-source derived biochar. Soil science department, University of Zanjan.
7- Askari S. 2017. Statistical and geostatistical assessment of selected soil chemical properties variability due to the oak land deforesting in Mokhtar plain, Yasouj. Soil science department, University of Yasouj.
8- Nasiri E. 2017. Geostatistical assessing of selected soil physical properties variability due to the oak land deforesting in Mokhtar plain, Yasouj. Soil science department, University of Yasouj.
9- Karimi M. 2018. Effects of deforesting on physical soil properties in Kalpoosh area, Shahrood. Soil science department, Shahrood University of Technology. *(Ongoing)*
10- Shokoohi Z. 2018. Effects of deforesting on chemical soil properties in Kalpoosh area, Shahrood. Soil science department, Shahrood University of Technology. *(Ongoing)*

11- Samiei N. 2018. The effect of zinc sulfate application on cadmium plant uptake. Soil science department, Shahrood University of Technology. *(Ongoing)*

Editorial Board membership of international journals:

Natural Resources Conservation and Research (EnPress Publisher)

International Journal of Environmental Monitoring and Analysis (Science Publishing Group)

Referee for articles submitted to international journals:

Ecotoxicology and Environmental Safety

Environmental and Engineering Geoscience

International Journal of Phytoremediation

Language Skills

Fluent in English (having TOLIMO certificate, grade: 577)

Computer Skills

- Windows XP and Microsoft Office: Word, PowerPoint and Excel.
- Statistical software: MSTAT-C, SPSS.
- Geostatistical software: GEOEAS, VarioWin, Surfer, ILWIS, GS plus.
- Other softwares related to soil science: ArcGIS, CropWat, ALES.

Interested Research Areas

- Soil pollution and Environmental safety
- Spatial distribution
- Land suitability evaluation
- Food safety and security