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**Date of Birth: 21<sup>th</sup> September 1982**

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### **PROFESSIONAL PROFILE:**

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Assistant Professor of Soil Science (Soil Chemistry and pollution) in Agricultural Sciences and Natural Resources University of Khuzestan (ASNRUKH)

### **EDUCATION BACKGROUND:**

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Ph.D: Soil Science and Agricultural Chemistry (Soil Chemistry and Pollution) (2012), Indian Agricultural Research Institute (IARI), New Delhi, India

Thesis title:

Dynamics of Heavy Metals in Contaminated Soils and Risk Assessment to Human through Spinach Grown Thereon.

MSc: Agricultural Engineering (Soil Science) (2006), Shahid Chamran University of Ahvaz, Ahvaz, Iran

Dissertation title:

The Effect of Plant in Remediation of Contaminated Soil with Diesel Fuel.

BS: Agricultural Engineering (Soil Science) (2003), Shahid Chamran University of Ahvaz, Ahvaz, Iran.

## HONOURS AND AWARDS:

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First Class Position in M. Sc. Degree

## INTERESTS AND RESEACH FIELDS:

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Soil Chemistry and Environmental Pollution

## RESARCH ACTIVITIES:

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### PUBLICATIONS:

1. **Rang Zan, N.**, Datta, S.P., Rattan, R.K. and Dewivedi, Mina. (2014). Prediction of solubility of zinc copper nickel cadmium and lead in metal contaminated soils. *Environmental Monitoring and Assessment* **185**(12):10015-10025.
2. Monsefi, Ali., Sharma, A. R., **Rang Zan, Nafiseh.**, Behera, U.K. and Das. T.K. R. (2014). Effect of tillage and residue management on productivity of soybean and physico-chemical properties of soil in soybean–wheat cropping system. *International Journal of Plant Production* **8**(3): 429-439.
3. Monsefi, Ali., Behera, U.K., **Rang Zan, Nafiseh.**, R.N. Pandey. and Sharma, A.R. (2014). Tillage and weed management for improving productivity and nutrient uptake of soybean. *Indian Journal of Weed Science* **46**(2): 184-186.
4. Monsefi, Ali., Sharma, A. R. and **Rang Zan, Nafiseh.** (2015). Different tillage practices and residue management on productivity and nutrient uptake of wheat grown after soybean in soybean (*glycine max*)–wheat (*triticum aestivum*) cropping system. *International Journal of Development Research* **5**(6): 4554-4559.
5. Monsefi, Ali., Sharma, A.R. and **Rang Zan, N.** (2015). Weed dynamic and profitability of wheat in soybean – wheat cropping system in North India. *International Journal of plant production* **10**(1): 1-12.
6. Monsefi, Ali., Sharma, A.R. and **Rang Zan, Nafiseh.** (2016). Tillage, crop establishment and weed management for improving productivity, nutrient uptake and soil physico-chemical properties in soybean-wheat cropping system. *Journal of Agricultural Science and Technology* **18**(2): 411-421.
7. Saidavi, Z., Khalilimoghadam, B., Bagheri, M. and **Rang Zan, N.** (2017). Land suitability assessment for urban green space using AHP and GIS: A case study of Ahvaz parks, Iran. *Desert* **22**(1): 117-133.
8. lajmirorak Nejati, Mahboobeh., **Rang Zan, Nafiseh.**, Nadian Ghomsheh, Habibollah. and Khalilimoghadam, Bijan. (2019). Risk Assessment of Heavy Metals in Soils around Khuzestan Steel Company. *Soil Management and Sustainable Management* **8**(4): 61-78.
9. **Rang Zan, Nafiseh.**, Golsaltani, Mehroosh. and lajmirorak Nejati, Mahboobeh. (2020). Chemical Fractionation of Iron and Manganese in Soil Adjacent to Khuzestan Steel Company. *Iranian Journal of Soil Research* **33**(4): 541-577.
10. Karami Niya, Fatemeh., **Rang Zan, Nafiseh.** and Nadian Ghomsheh, habiballah. (2019).The Effect of Spent Mushroom Compost and Its Biochar on Parsley Yield under Salinity Stress. *Iranian Journal of Soil and Water Research* **50**(6): 1453-1465.
11. Bahmaniyan, Hananeh., Nadian Ghomsheh, Habibollah. and **Rang Zan, Nafiseh.** (2019). The interaction Effect of Mycorrhiza (*Glomus Intraradices*) and Filtercake on Coriander (*Coriandrum Sativum L.*) Production. *Journal of Agricultural Engineering* **42**(2): 143-161.