



Curriculum Vitae

Mehri Boroumand

Date of Birth: 1986
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EDUCATION

PhD. Sari Agricultural Sciences and Natural Resources University, Iran (www.Sanru.ac.ir)

PhD. Student in Soil Science (Soil chemistry and Plant nutrition). Start: September, 2016.

I am working on my thesis entitled “The role of some organic and inorganic amendments to reduce nitrogen loss from urea fertilizer in waterlogging soil ”

MSc. Sari Agricultural Sciences and Natural Resources University, Iran (www.Sanru.ac.ir)

MSc. in Soil Science, 2010-2013

My MSc thesis title was “ Effect of land use change on some soil physical, chemical and biological properties (A case study: North of Iran, East of Sari, Iran) ”

B.Sc. University of Mazandaran, Sari, Iran (www.Umz.ac.ir)

B.Sc. in Soil Science, 2005-2009

RESEARCH INTERESTS

- Soil chemistry, Soil fertility and Plant nutrition
- Soil physics
- Soil biology
- Enhance efficiency of fertilizers
- Biodegradation, bioremediation and phytoremediation of heavy metals
- Environmental pollutants: fertilizer and wastewater.

WORK EXPERIENCE

- Technical consultant of wheat farms from (2013/2017)
- Technical consultant of rice from (2013/until now)
- Technical consultant of canola from (2016/2017)
- Technical consultant of citrus from (2019)
- Research Assistant Sari Agricultural Sciences and Natural Resources University from (2013 / 2020)
- Research expert at the Oilseed Research and Development Company (ORDC) – Applied Research and Seed Production Center (2022/ Until now)

JOURNALS

- **Boroumand, M.**, Ghajar Sepanlou, M., Bahmanyar, M.A., Salek Gilani. S. 2015. Evaluation of the effect of land use change from forest lands into agricultural lands on some chemical properties of soil (Case Study: Zarin Abad, Sari, Iran). *Physical geography research quarterly*, 47(3): 435-449.
- **Boroumand, M.**, Ghajar Sepanlou, M., Bahmanyar, M.A., 2014. The effect of land use change on some of the physical and chemical properties of soil (Case Study: Semeskande Area of Sari). *Journal of watershed management research*, 5(9): 78-94.
- **Boroumand M.**, Bahmanyar M A. 2016. Effect of different levels of municipal solid waste compost and sewage sludge on yield and concentration of some heavy metals in green pepper plant (*Capsicum annuum* var *robustin*). *ejgcst*, 7 (3) :113-124. <http://ejgcst.iut.ac.ir/article-1-1221-fa.html>.

CONFERENCES

- **Boroumand, M.**, Ghajar Sepanlou, M., Bahmanyar, M.A., Salek Gilani. S. 2015. Evaluation of the effect of land use change from forest lands into agricultural lands on some chemical properties of soil (Case Study: Zarin Abad, Sari, Iran). *International Conference on “ Global Issues in Multidisciplinary Academic Research” (GIMAR-2015) UAE, Dubai*, 1: 148-152, www.globalilluminators.org.
- Ghajar Sepanlou, M., **Boroumand, M.**, Bahmanyar, M.A., Salek Gilani, S. 2017. Effect of deforestation and conversion of forest lands into agricultural lands on some chemical and biological soil properties in north of Iran. 3rd International conference of food, agriculture and natural resources(FANRes 2017), 21-22 August, University Putra, Malaysia.

SKILLS

- Global Positioning System (GPS)
- Global Information System (GIS): ILWIS and Gs+
- Statistical software (SPSS, SAS, MSTATC)
- Principles of production and planting ornamental plants
- Management of canola and rice farms
- Management of mushroom farming
- The basics of herb medicines
- Measurement of soil physical, chemical and biological properties and parameters
- Measurement of plants analysis like macro and micro elements
- Measurement of soil and plant heavy metals
- Working with spectrophotometer
- Working with flame photometer

RESPONSIBILITIES

- I have worked as a technical consultant of canola, rice, wheat and citrus from 2013. I consult to farmers required fertilizers in their best time.
- As a research assistant, I have analyzed the data with statistical software, writing or correcting and sending articles for journals or conferences for seven years.
- As a research expert, I have worked on various topics and issues in the field of soil science

REFERENCES

- Professor Mohammad Ali Bahmanyar
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- Associate Professor Mehdi Ghajar Sepanlou
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