

CURRICULUM VITAE



Personal:

Born January 05, 1970, in Kermanshah, Iran

Affiliation:

Masoud Bazgir

Assistant Professor

Department of Water Resources

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Research interests:

My research focuses on biogeochemical cycling, microbial activities and biomass in forest ecosystems, with emphasis on the role of tree species on the soil physic-chemical properties, microbial processes and nutrient fluxes (*via* throughfall depositions and litterfall). Other research interests consist of land suitability evaluation, soil genesis and classification in arid and semi arid regions and crop growth modeling.

Education:

- ◆ Doctoral of Sciences in Microbial Ecology and Biogeochemistry, University of Liège (ULG), Belgium, (2012).
- ◆ Master of Science in Physical Land Resources (PLR), Ghent University (UGent), Belgium, (2008).
- ◆ Master of Science in Soil Science, Isfahan University of Technology, Isfahan, Iran (1999).
- ◆ Bachelor of Soil Science, Tabriz University, Tabriz, Iran (1995).

Honor:

- ◆ Recipient of PhD Scholarship from the Iranian Ministry of Science, Research and Technology (MSRT) in abroad, 2005.
- ◆ Honor Student (ranked first among B. Sc. students), 1995.

Publications :

Bazgir, M., Guillaume, P., Carnol, M, 2012. Element fluxes, forest floor characteristics and microbial activities under deciduous tree species after conversion of a Norway spruce (*Picea abies* (L.) Karst.) stand. *Annals of Forest Science*, in review.

Bazgir, M., Carnol, M, 2012. C and N cycling in the forest floor under 7 tree species, 11 years after conversion. *Soil Biology & Biochemistry*, in review.

Bazgir, M., Carnol, M, 2012. Nutrient return through litterfall and throughfall in a young stand under Norway spruce and under broadleaved species. *Forest Ecology and Management*, in review.

Jalalian, A., Givi, J., **Bazgir, M.,** Aiobi, Sh., 2005. Qualitative, quantitative and economical land suitability evaluation in Kermanshah plain. *Natural Resources and Agricultural Technology Journal*, Vol. 10, No.34, 113- 120.

Conference presentations:

Conferences in abroad

Bazgir, M., Carnol, M., 2012. Litterfall quantity and quality and nutrient status in a young stand under Norway spruce and broadleaved species. July 2-6, 2012, Bari, Italy.

Carnol, M., **Bazgir, M.**, 2012. Nutrient fluxes and soil microbial processes under tree species after conversion from Norway spruce. July 2-6, 2012, Bari, Italy.

Bazgir, M., Guillaume, P., Carnol, M., 2011. Element fluxes, forest floor characteristics and microbial activities under deciduous tree species after conversion of a Norway spruce (*Picea abies* (L.) Karst.) stand. March 28-30, 2011, University of Cambridge, UK.

Guillaume, P., **Bazgir, M.**, Carnol, M., 2010. Tree species effects on soil microbial activities and element fluxes in a young stand. October 6-8, 2010, University of Trás-os-Montes e Alto Douro Vila Real, Portugal.

Carnol, M., **Bazgir, M.**, Bortoluzzi, E., Bosman, B., Guillaume, P., Malchair, S., Piret, A., Requier, M.-C., 2009. Relation diversité microbienne du sol-fonctionnement de l'écosystème. Sep. 20-25, 2009, University of Liège (ULG), Belgium.

Carnol, M., **Bazgir, M.**, Bortoluzzi, E., Bosman, B., Guillaume, P., Malchair, S., Piret, A., Requier, M.-C., 2009. Impacts de la gestion forestière et évolution à long terme des concentrations et flux éléments dans des bassins versants boisés. Sep. 20-25, 2009, University of Liège (ULG), Belgium.

Carnol, M., **Bazgir, M.**, Bortoluzzi, E., Bosman, B., Guillaume, P., Malchair, S., Piret, A., Requier, M.-C., 2009. Echanges de gaz à effet de serre entre écosystèmes et atmosphère. Sep. 20-25, 2009, University of Liège (ULG), Belgium.

Conferences in Iran

Bazgir, M., Mirzaei, J., 2012. Nanotechnology in soil microbiology. May 15-16, 2012, University College of Agriculture and Natural Resources, University of Tehran, Iran.

Bazgir, M., Mirzaei, J., 2012. Nanoparticels: Potential of toxicity and their effects on soils. May 24, 2012, Iran Polymer and Petrochemical Institute, Iran.

Mirzaei, J., **Bazgir, M.**, 2012. The influence of Sumuc (*Rhus coriaria* L.) on soil properties and biodiversity of vegetation cover. May 15-16, 2012, Faculty of Environmental Studies, University of Tehran, Iran.

Mirzaei, J., Karami, E., Karamshahi, A., **Bazgir, M.**, 2012. Study of medicinal of Licorice (*Glycyrrhiza glabra*) and its role in reclamation in arid and semi arid of Zagros zone. Feb. 17, 2012, Islamic Free University, Darehshar unit, Iran.

Sayadian, K., Talie, A., **Bazgir, M.**, 2003. The role of different management on the rate degradation of sloping land in the west of Iran. Aug. 28-30, 2003, University of Rasht, I.R. Iran.

Bazgir, M., 2002. Climatic evaluation for different crops in Ilam Province. Sep. 5-7, 2002, University of Tehran, Karaj, I. R. Iran.

Bazgir, M., Givi, J., Jalalian, A., 2001. Soil classification and qualitative land suitability evaluation in Talandasht area for rainfed Wheat, Barely and Chickpea. Sep. 1-3, 2001, University of Sahrecord, I. R. Iran.

Bazgir, M., Givi, J., Jalalian, A., 2001. Quantitative and economical land suitability evaluation in Talandasht area for rainfed Wheat, Barely and Chickpea. Sep. 1-3, 2001, University of Sahrecord, I. R. Iran.

Scientific Reports:

Guillaume, P., **Bazgir, M.**, Carnol. M., 2011. Effets des mesures de gestion sur la fertilité des sols forestiers et le cycle de l'eau à l'échelle de la parcelle et de deux bassins versants pilotes. 158 p.

Guillaume, P., Bosman, B., **Bazgir, M.**, Requier, M.- C., Piret, A., 2010. 20 ans d'études dans 2 bassins versants boisés en Haute Ardenne. 120 p.

Bazgir, M., 2004. Qualitative land evaluation in Eivan Plain for major crops. 89 p.

Publications in progress:

Projects in progress:

Siadi, F., Mirzaei, J., **Bazgir, M.**, 2012. Effects of reforestation on carbon sequestration in dry and sub-dry regions (Case study: Forest park of Dehloran Abgarm).

Graduate thesis:

Yarveisi, N., 2005. Soil classification and characterization and land suitability evaluation of Zarneh plain, Ilam province, M.Sc of thesis. University of Guilan, 185 p.

Teaching experiences:

- ◆ Soil Fertility in Forest Ecosystems
- ◆ Land Evaluation
- ◆ Soil Fertility and Fertilizers
- ◆ Soil Mechanics
- ◆ Soil Characteristics in Arid and Semi Arid
- ◆ General Soil Science

Knowledge of Languages:

- ◆ Farsi: Excellent
- ◆ English: Very Good
- ◆ French: Good

Membership:

- ◆ Member of British Ecological Society, London, UK, (2010 and continue).
- ◆ Member of Belgian Biodiversity Platform Brussels, Belgium (2008 and continue).
- ◆ Member of Soil Science Society of Iran, Tehran, (1997 and continue).

Work experiences:

- ◆ Vice-Chancellor of Faculty of Agriculture, Ilam University, Ilam, Iran (2012 and continue).
- ◆ Head of department of crop production, Faculty of Agriculture, Ilam University, Ilam, Iran (2003-2005).
- ◆ Lecturer in Ilam University, Ilam University, Ilam, Iran (1999 and continue).
- ◆ Work in Agriculture Researches Center, Kermanshah, Iran (1995- 1996).