



## Seyedmahmoud Monemian's Curriculum Vitae

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### Education:

- M.S., Forestry, 2015 (expected)  
Tropical and International Forestry, University of Göttingen  
GPA: 3.3 out of 4 ( 1.6 in Germany's grading system)  
Thesis *Project:* WATBIO project in European Union (EU) working on the Screening of the drought stress in *P.tremula* collected from 5 different Provenances in Europe under the supervision of Prof. A. Polle.
- B.S., Forestry and Natural Resources Engineering with a full fund fellowship, 2009  
Department of Forestry, University of Tehran  
GPA: 3.26 out of 4  
Ranked 2<sup>nd</sup> among 108 students

### Awards & Honors:

- Scholarship Award of Erasmus Mundus, 2012. (Erasmus Mundus is a cooperation and mobility programme in the field of higher education that aims to enhance the quality of European higher education and to promote dialogue and understanding between people and cultures through cooperation with Third-Countries.)

## Publications:

### a) Peer-reviewed Journal papers

- Bayat. M, **Monemian. S.M**, ‘‘ Investigation of Flora and Fauna in Sarsakhti Reserve Forest of Iran’’, 5th International Conference on Biodiversity, , Madrid, Spain, 10-12 March 2016
- Pratiwi. S, **Monemian. S . M** , Böning. J, ‘‘ A Political Analysis of the Conflicts among Stakeholders in the Cuc Phuong National Park, Vietnam`` in the International conference of Tropentag in the University of Humboldt, Berlin, Germany, September 2015
- Aghasizadeh. M, Taheri abkenar. K, **Monemian. S.M** and Taherzadeh Mousavian S.M. ‘‘Effect of the created gaps on the natural forest regeneration of the Oak (*Quercus castanefolia*) in the Khorasan province of Iran’’. *International journal of plant science and Ecology*, Vol1.No 5,2015, pp 231-236, 2<sup>nd</sup> September 2015
- Korori, A. A. S.; Matinizadeh, M.; Shirvany, A.; Madani Moshaei, E.; Talebi Khorabadi, T.; **Monemian. S. M.**; Abdi, E. ‘‘Evaluation of pollution intensity in different districts of Tehran based on measuring Chlorophyll, Plumb and Cadmium heavy metal contents in trees’’. *The International Journal of Environmental Research*, 8(4):1105-1114, Autumn 2014
- Dadvar, F.; Assare, M. H.; Rostami-Shahraji, T.; Emam, M.; Shirvany A.; **Monemian, S.** ‘‘Accumulation of Cd and Pb in aerial organs of *Platanus orientalis*, *Robinia pseudoacacia*, and *Fraxinus rotundifolia*’’. *International Journal of Forestry Research Volume 24, Issue 2, pp 391-395, June 2013.*
- Hosseinzadeh Monfared . S, Shirvany .A, Matinizadeh. M, Jalilvand. H, Zahedi Amiri. Gh, Mousavi Fard. R, Rostami. F, Monemian. M:’’ Comparison of phytoremediation potential and MAI index in *Platanus orientalis*, *Robinia pseudoacacia* and *Fraxinus rotundifolia*’’, *International Journal of Agriculture and Crop Sciences*, IJACS/2013/6-10/575-582, 2013

## b) Conference papers

- **Monemian. S. M**, Gomes da Silva .G, Finkeldey. R, Mitlöhner. R , ‘‘Evaluation of the Abundance and Frequency of the Regeneration Status of the Primary Forest in the Cuc Phuong National Park in Vietnam’’, European Conference of Tropical Ecology, Göttingen, Germany, 23-26 February 2016
- Korori.S, **Monemian. S. M**’’ Introducing a new method by applying molecular biology to the ecosystem damage assessment of the natural tropical forest of south of Iran ‘‘, European Conference of Tropical Ecology, Göttingen, Germany, 23-26 February 2016
- Shakeri, Z.; Marvie-Mohajer, M. B.; Simberloff, B.; Etemad, V.; Assadi, M.; **Monemian, S. M.** ‘‘Traditional animal husbandaries and plant composition in Oriental Beech communities in the Caspian forests of Iran’’. *9<sup>th</sup> international Beech Symposium*, Dresden, Germany, September 2011.
- Jahani, A; Etemad, V; **Monemian, M.** ‘‘An investigation into plant diversity and properties of vegetative cover in natural and cultivated forests of Haloxylon Persicum’’, *Proceedings of First international conference of soil and roots engineering relationship*, Ardebil, Iran, 24-26 May 2010, pp. 105-107.

## Conferences:

- European Conference of Tropical Ecology,Göttingen, Germany, 23-26 February 2016
- International Conference of GTropentag on the ‘‘ Management of land use systems for enhanced food security: conflicts, controversies and resolutions’’, Humboldt University of Berlin, Germany, September 16-18, 2015
- International Conference of Tropentag on the ‘‘ Bridging the gap between increasing knowledge and decreasing resources’’, Czech University of Life Sciences Prague, September 17-19, 2014

## Technical Trainings and Skills:

- Internship at the Northwest Forestry Research Institute of Forestry in Hann-Münden, Lower Saxony Province, Germany, March 2015-December 2015

(Working as a volunteer Intern in the Subculture Lab mainly on the Micro propagation of *Populus spp* and data Analysis regarding the physiological growth and development of plants)

- Research Assistant, the Genetic Laboratory of the Department of Plant Physiology at the Büsgenweg Institute in Göttingen, December 2014 - February 2015. ( Assisting PhD student working on the interaction of the fungi and *P.tremula* )

- Internship, Subculture laboratory of the North West Forest Research Institute (NW-FVA) in Hann Münden, Germany, March 2014- August 2014.

Fastwood project on the micro propagation of *Salicaceae*, tissue culture, in-vitro stress experiments, sowing and cultivation of seeds and biometric screening of the seedlings and saplings of *Salicaceae* Family( crossing the poplars and preparation them for planting and seeding, control of pollen distribution and selection of the plus trees based on their phenotypic traits, planting the wood cuttings of Poplar in the field and monitoring their growth and performance.)

- Research Assistant, Genetic Lab of the Plant Physiology Faculty of the University of Göttingen (Büsgenweg Institute), March 2013- March 2014.
- Member of TIF Forest Management Plan project, University of Göttingen, Cuc Phuong National Park, Vietnam, October and November 2013.( getting involved in the Forest Management Plan in Vietnam, working mainly on the regeneration , abundance and frequency of the seedlings, saplings , poles and trees and evaluation of IVI).
- Research Assistant, "Long-lived Trees of Iran" and "Environmental Pollution" projects, under supervision of Dr. Soudabeh Ali Ahmad Korouri, Technology of Natural Sustainable Ecosystems Research Group, May 2011- September 2012( selection of the long lived trees of Iran and taking samples to analyze the molecular pathways).
- Research Assistant, Genetics lab, Research Institute of Forest and Rangelands (RIFR), Tehran, Iran, under supervision of Dr. M. Matinzadeh, May 2009-August

2009.( doing some research on the colonization ability of Mycorrhizal fungi and their interaction with *Juniperus.spp*)

- Research Assistant, Laboratory analysis and surveying of soil elements, under supervision of Dr. G. Zahedi-Amiri, Soil Lab, Forestry Dept., University of Tehran, Noshahr Campus, Iran, Summer 2006.
- Journal Editor, Sarii (research –scientific magazine of Iran Forest Association), 7<sup>th</sup> and 8<sup>th</sup> Volumes, Fall 2005 - Winter 2005.
- Language Translator, Hiwakeloseh Herbal Products Co., Tehran, Iran, April 2010-May 2011.

### Research Interests:

- Forest Ecology
- Plant Physiology and Abiotic Factors
- Forest Genetics
- Forest Biodiversity and Conservation
- Bioremediation of Plants

### Language Skills

- *Persian*: Native
- *English*: Fluent
- *German*: Semi-fluent
- *Spanish*: Basic

### English Language Certificates:

- GRE ( Verbal: 145, Quantitative Reasoning:150, Analytical Writing:3 out of 6)
- TOEFL ( overall grade of 81 including Listening 17, Writing 22, Reading 19 and Speaking 23)

### German Language Certificates

- A1, A2, B1 and B2 ( issued from Goethe Institute)

### Spanish Language Certificate

- A1 (basic) In Volkshochschule Göttingen

### References

- **Prof. Dr. Ralf Mitloehner**  
Professor at the Department of Forestry and Forest Ecology, Georg August University of Göttingen, Email: rmitloe@gwdg.de , Phone : +49 (0) 551 39 33657
- **Dr. Khosro Saghebalebi**  
Associate Professor at the Department of Forestry, University of Tehran,  
Email:Saghebalebi@rifr-ac.ir , Phone: +98-21-44195901
- **Mr. Matthias Moos**  
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