

Curriculum vitae

Personal Details

Full Name: Kiomars Sefidi, Ph.D.

Birthday: March 21, 1983

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Faculty Agriculture and of Natural Resources,
University of Mohaghegh Ardabili, Ardabil, Iran

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RESEARCH ID

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Research gate profile: https://www.researchgate.net/profile/Kiomars_Sefidi2

RESEARCH INTERESTS

Forest Stand dynamics, Dynamics of Coarse Woody debris, Upland hardwood Silviculture, Management of mixed and uneven aged Forest stands, Natural disturbance ecology, Forest and climate change

Education and Qualifications:

2007-2012: Ph.D. in Silviculture and Forest Ecology, Faculty of Natural Resources University of Tehran/ Technology University of Munich

2010 Ph.D. research stay: Silviculture Department, Center of Life and Food Sciences, Technology University of Munich.

2004-2006: M.S. in silviculture and forest ecology, Faculty of natural resources University of Tehran.

2000-2004: B.S. in Forestry, Faculty of Natural Resources University of Tehran.

1999-2000: Modares pr-university School, Ardabil.

1996-1999: Shahid Abbasi high school, Sarein

- ✓ Admission in graduate course (M.Sc.) in silviculture and forest ecology with excellent score and get a first rank among the entire applicant in entrance examination (2005).
- ✓ Admission in graduate course (Ph.D.) in Silviculture with excellent score and get a first rank among the entire applicant in entrance examination (2007) in University of Tehran.
- ✓ High skill in statistical software and office tools.
- ✓ Complete knowledge to English and get a good degree (78/100) in University of Tehran general English examination.

LANGUAGE SKILLS

Mother tongue Farsi (Persian)								
OTHER LANGUAGES	Read		Write		Speak		Understand	
	Easily	Not easily	Easily	Not easily	Fluently	Not fluently	Easily	Not easily
English	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
German	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Turkish	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Thesis and seminars:

1. **Ph.D. Thesis:** Late successional stage dynamics in natural oriental beech (*Fagus orientalis* Lipsky) mixed stands, Northern

Committee members:

Prof. Dr. Marvie Mohadjer, University of Tehran
 Prof. Dr. Reinhard Mosandl, Technology University of Munich, Germany
 Dr. Carolyn Copenheaver, Virginia Tech, USA
 Prof. Dr. M. Zobeiri, University of Tehran
 Dr. V. Etemad, University of Tehran

2. **M.Sc. Thesis:** Qualitative and Quantitative investigation of Dead trees (Snags and down logs) in a managed mixed beech forests, Northern Iran

Committee members:

Prof.Dr.Marvie Mohadjer, University of Tehran

Prof.Dr.M.Zobeiri, University of Tehran

Dr .V.Etemad, University of Tehran

3. **M.Sc. seminar:** Dead wood inhabited macro fungi in Kheiroud forest.
Supervisor: Dr .V.Etemad
4. **B.Sc. Thesis:** Maintaining biodiversity in forest ecosystems.
Supervisor: Prof.Dr.Marvie Mohadjer
5. **B.Sc. field work:** “forest management plan” for Patom district, on research and educational forest of natural resources faculty, University of Tehran. Supervisor:
Dr.M.Namiranian

Publications:

A) Research Papers:

2018. **Kiomars Sefidi**, Zeynab Pourgoli, Khosro Sagheb-Taleb, Farshad Keivan Behjou. Stand characteristics of gap formation phase through the development of oriental beech (*Fagus orientalis* Lipsky) stands in the Hyrcanian Forests, northern Iran. Austrian Journal of Forest Science 135(2):137-158

2017. **Kiomars Sefidi**, F.Esfandiari, M.Sharari: The decay time and rate determination in oriental beech (*Fagus orientalis* Lipsky) dead trees in Asalem forests. Journal of Environmental Studies, 42(3):551-563.

2017. **Kiomars Sefidi**, Structural diversity as component of biodiversity in forest ecosystems, case study from population of Persian ironwood (*Parrotia persica* C.A. Meyer) in the north Iran. Journal of plant researches, 29(3):805-811.

2017. Morteza Moridi, **Kiomars Sefidi**, Vahid Etemad: Quantification of beech stands structure in the stem exclusion phase. Journal of Forest and wood products, 69(4):647-665. [in Persian with English Abstract].

2017. Vahid Etemad and Kiomars Sefidi, SEED PRODUCTION AND MASTING BEHAVIOUR IN ORIENTAL BEECH (*FAGUS ORIENTALIS* LIPSKY) FORESTS OF NORTHERN IRAN, Forestry Ideas (2017). 23 (1), 65-76. [Scopus- ISI]

2017. Nasrin Nasiri, Mohammad R. Marvie Mohadjer, Vahid Etemad, **Kiomars Sefidi**, Leila Mohammadi, Maryam Gharehaghaji, Natural regeneration of oriental beech (*Fagus orientalis* Lipsky) trees in canopy gaps and under closed canopy in a forest in northern Iran, Journal of Forestry Research (2017) doi.org/10.1007/s11676-017-0490-8. [JCR , IF = 0.658]

2017. S. Rahanjam; M. R. Marvi Mohadjer; M. Zobeiri; **K. Sefidi**. Quantitative and qualitative assessment of deadwood in natural stands of Hyrcanian forests (Case study: Gorazbon district of Kheyroud, Nowshahr). Journal of Iranian forest and Poplar researches, 25(4):656-666.

2017. H. Nezamdost; **K. Sefidi**; A Rasoulzadeh; M. Sadeghi. Quantifying throughfall, stemflow, and rainfall interception in a *Fagus orientalis* forest and a *Picea abies* plantation in Siahkal, Gilan. Iranian journal of forests. 9 (3): 385-397 [in Persian with English Abstract].

2017. H. Bagheri, A. Ghorbani, M. A. Zare Chahouki, A.A. Jafari, **K. Sefidi**, Halophyte species distribution modeling with MaxEnt model in the surrounding rangelands of Meighan playa, Iran. Applied Ecology and Environmental Research.15 (3): 1473-1484. [JCR , IF = 0.658]

2016. **Kiomars Sefidi**, M.Sharari, M.Azaryan: The role of physiography characteristics of forest site on distribution of coarse woody debris and tree species in a mixed beech (*Fagus orientalis* Lipsky) forests, northern Iran. Journal of wood and forest sciences and technology, 23(4): 65-86. DOI:10.22069/jwfst.8409.1452.

2016. **Kiomars Sefidi**, M.Sharari, M.Azaryan, Effect of topography on tree species composition and volume of coarse woody debris in an oriental beech (*Fagus orientalis* lipsky) old growth forests, Northern Iran. IForest (2016) 9(2): 665–658. [JCR , IF = 1.271]

2016. Mahdi Kakavand, Marvie Mohadjer, Kh.Sagheb Talebi, **Kiomars Sefidi**: Structural diversity of mixed beech stands in the middle stage of succession (Case study: Gorazbon District, Kheiroud Forest of Nowshahr). Journal of Forest and wood products, No 68 (1):31-54 [in Persian with English Abstract].

2016. B.Behtari Sh.Memar ,F.Keivan Behjou , **Kiomars Sefidi**, Impact of land use management on soil CO₂ greenhouse gas emissions (Case study: Fandoghloo Forest Reserve. Iranian Journal of Range and Desert Research, 23(2): 234-240.

2016. Morteza Moridi, Vahid Etemad, **Kiomars Sefidi**, Manochehr Namiranian, Seyed Mohammad Moein Sadeghi: Mortality of trees in the stem exclusion phase over the beech stand

development (In Persian with an English Abstract). JOURNAL OF FOREST AND WOOD PRODUCTS. 68 (4): 931-943.

2016. A. MIRZAEI, A. GHORBANI, CH. ZARE, F. KEIVAN, **K. SEFIDI**. Environmental effective factors on *pragnus* distribution in Ardabil Rangelands. RANGELAND, 10 (2):191-202.

2016. N. Nasiri, M.R. Marvie Mohadjer, V. Etemad, **K. Sefidi**: Natural regeneration of oriental beech (*Fagus orientalis* Lipsky) within canopy gaps and under canopy cover, (Case study: Gorazbon, Kheyroud Forest, Nowshahr). Journal of Iranian forest and Poplar researches, 23(3):13-24.

2016. Fatemeh Alidadi, Kiomars Sefidi, MohammadrezaMarvi-Mohadjer, Vahid Etemad Modeling decay rate of dead wood of a European hornbeam (*Carpinus Betulus*) in a deciduous forest in North of Iran. Adv. Biores. Vol 7 [5] September 2016: 145-153. DOI: 10.15515/abr.0976-4585.7.5.145153 [**Scopus- ISI**]

2015. **Kiomars Sefidi**, marvie mohadjer, Vahid etemad, Reinhard Mosandl: Late successional stage dynamics in natural Oriental beech (*Fagus orientalis* Lipsky) stands in northern Iran (Case study: Gorazbon district of Kheiroud-Kenar experimental forest). Journal of Iranian forest and Poplar researches, No 22 (2):270-283 [in Persian with English Abstract].

2015. M.Kakavand, Kh.Sagheb-Talebi, Marvie Mohadjer, **Kiomars Sefidi**: Structure and composition of mixed oriental beech stands in the mid-succesional stage. Journal of Iranian forest and Poplar researches, No 22 (3):411-422 [in Persian with English Abstract].

2015. Moridi.M. **Sefidi.K.**, Etemad.V. Stand characteristics of mixed oriental beech (*Fagus orientalis*. Lipsky) stands in the stem exclusion phase, northern Iran. European Journal of Forest Research 134: 693-703. DOI: 10.1007/s10342-015-0883-1. [**JCR , IF = 2.09**]

2015. **Sefidi.K.** and Etemad.V. Dead wood characteristics influencing macrofungi species abundance and diversity in Caspian natural beech (*Fagus orientalis* Lipsky) forests, Forest systems, 24(2):2171-9845. [**JCR , IF = 0.796**]

2015. F. Ranjbar, K. Taheri Abkenar, **K. Sefidi**, A. Omidi: Dead Trees Effect on Beech and Hornbeam Regeneration in the Mixed Beech (*Fagus orientalis* L.) Stands of Northern Iran. Journal of Forest and wood products, 69(1):61-70. [in Persian with English Abstract].

2015. Alidadi.F. **Sefidi.K.**, Etemad,V. Marvie Mohadjer.M.R. Carbon content of oriental beech (*Fagus orientalis* Lipsky) and hornbeam (*Carpinus betulus*) dead wood in the Caspian forest of Iran, Journal of Forestry Research, in press.

2015. **Kiomars Sefidi**, M. R. Marvie Mohadjer, V. Etemad, R. Mosandl: Canopy gaps properties effect on regeneration of oriental beech (*Fagus orientalis* Lipsky) in the mixed beech stands. Journal of Iranian Natural ecosystems, No 5 (2):25-31 [in Persian with English Abstract].

2015. L. Mohammadi, M. R. Marvie Mohadjer, V. Etemad. **K. Sefidi**, Natural regeneration in the natural and artificial canopy gaps in the mixed beech stands, Northern Iran. Iranian Journal of Forests, Iranian journal of forests. 6 (4): 457-470 [in Persian with English Abstract].

2014. Saeid Varamesh, Mohsen Hosseini, **Kiomars sefidi**: Assessment of Carbon Sequestration Content in Biomass, *Robinia pseudoacacia* and *Cupressus arizonica* Stands around Tehran. Journal of Environmental Science and Technology, 16(1):396-404.

2015. S.H. Hamzeh Saravi, **K. Sefidi**, F. Keivanbehjoo, R. Khalifehzadeh, E. Zandi Esfahan, H. Mohammadi Nasrabadi . Effects of physiographic factors and soil properties on distribution of *Ferula gummosa* Boiss: case study of Karaj Kalarud Region , Journal of Biodiversity and Environmental Sciences 05/2015; 6(5):433-438.

2014. F.Alidadi. **K.Sefidi**. M. R. Marvie Mohadjer , V. Etemad. Decay dynamics of oriental beech (*Fagus orientalis* Lipsky) and hornbeam (*Carpinus betulus* L.) deadwood in mixed beech stands. Journal of Iranian forest and Poplar researches, No 22 (4):624-635 [in Persian with English Abstract].

2014. **Sefidi.K.**, Copenheaver.C., M. Kakavand., F. K. Behjou. Structural diversity within mature forests in northern Iran: A case study from a relic population of Persian ironwood (*Parrotia persica* C.A. Meyer). Forest Science. 61. 2: 258-265. [JCR , IF = 1.702]

2014. **Sefidi.K.**, Etemad,V, The amount and quality of dead trees in a mixed beech forest with different management histories in northern Iran, Biodiversitas: 15(2) 162-168 [Scopus- ISI].

2014. Karami, A., **Sefidi.K**, 2014, Structure and spatial pattern of land uses patches in the Zagros Mountains region in the west of Iran, *Biodiversitas* 33(3):248-255. [**Scopus- ISI**].

2013. **Sefidi.K.**, Mohadjer.M.M.R, Mosandl.R.,Copenheaver.C., 2013, Coarse and fine woody debris in Oriental beech (*Fagus orientalis* .Lipsky) forests of northern Iran, *Natural Areas Journal* (2013) 33(3): 248-255. [**JCR , IF = 0.8**]

2013. Karami. A, **Sefidi.K.**, Fegghi.J and Mohammad R. Marvie Mohadjer, 2013, Spatial distribution of regeneration patches in old growth oriental beech forests in northern Iran, *Forestry Studies|Metsanduslikud Uurimused* 57, 5–16. [**Scopus- ISI**]

2012. Moradi.M., Mohadjher, M.M., **Sefidi.K.**, Zobeiri.M. 2012, over matured beech trees (*Fagus orientalis* lipsky) in close to nature forestry in northern Iran, *JOURNAL OF FOREST RESEARCH*, 23(2):289–294. [**JCR , IF = 0.658**]

2012. Ghanbari.S., **Sefidi.K.**,2012, Comparison of Sustainable Forest Management (SFM) trend in the world and country level, *JOURNAL OF FOREST RESEARCH* ,2012, 23(2): 311–317. [**JCR , IF = 0.658**]

2012. Sebastian Höllerl, **Kiomars Sefidi**, Mohammad R. Marvie Mohadjer und Reinhard Mosandl, Wie hoch ist der natürliche Holzvorrat in Buchenwäldern? *AFZ-DerWald* (2012) 18: 27-29. [**ISI**]

2011-**Sefidi.K.**, Mohadjer.M.M.R, Mosandl.R., Copenheaver.C.,2011, Canopy gaps and regeneration in pristine oriental beech (*Fagus orientalis* .Lipsky) stands, northern Iran., *Forest Ecology and Management* 262 :1094–1099. . [**JCR , IF = 2.80**]

2011- **Sefidi. K**, Mohadjer M.M.R., Etemad,V., Copenheaver.C., 2011, Stand characteristics and distribution of a relict population of Persian ironwood (*Parrotia persica* C.A. Meyer) in northern Iran. *Flora* 206 (6) pp 418-422. [**JCR , IF = 1.7**]

2011- **Sefidi.K.**, Mohadjer.M.M.R, Mosandl.R., Characteristics of Canopy gaps and regeneration in virgin oriental beech (*Fagus orientalis* .Lipsky) stands as key process in natural beech forest restoration, *MANAGED FORESTS IN FUTURE LANDSCAPES- IMPLICATIONS FOR WATER AND CARBON CYCLES*, Santiago de comp Estela, Spain, May 2011, oral presentation, pp 176-181.

2011- **Sefidi. K**, Mohadjer M.M.R., Snags dynamic model in a mixed beech forest, Journal of Iranian forest and Poplar researches, No 18 (5):51 7-526 [in Persian].

2010- **Sefidi. K.**, Mohadjer M.M.R., Characteristics of coarse woody debris in succession of natural beech (*Fagus orientalis* .Lipsky) forests of Northern Iran, Journal of Forest Science: 56 (1):7-16 pp.

2010- Ghanbari.S., **Sefidi.K.**, What trend has been passed by the oak (*Quercus* sp.) species in the Iran Forests, 2010, The International Forestry Review Vol.12 (5) pp 375.

2010- **Sefidi. K**, Mohadjer M.M.R., Etemad,V., Zobeiri.M., Standing dead trees component of close to nature silviculture methods in north of Iran, Research Journal of Agriculture Ministry of Iran , Pajohesh _va _Sazandegi, 81:51-58 [in Persian].

2010- **Sefidi. K**, Mohadjer M.M.R., Etemad,V., Zobeiri.M., Dead trees effects on natural regeneration of oriental beech and hornbeam in a mixed beech forest, First international conference of soil and roots engineering relationship, Union of Forest Research Organization (LANDCON1005) 24-26 May 2010.

2009- **Sefidi. K**, Mohadjer M.M.R., Amount and quality of dead trees (snags and logs) in a mixed beech forest whit different management histories, Journal of Forest and Wood Products (JFWP), Iranian Journal of Natural Resources, Vol. 62, (2):191-202 [in Persian].

2009- **Sefidi. K**, Quality of dead trees (snag and logs) in a mixed beech forest whit different management history, European Landscapes in Transformation: Challenges for Landscape Ecology and Management, Salzburg. PP 354-357.

2009- Ashrafi.S., **Sefidi.K**, Seedling establishment around dead and live trees: case study in Eshkaneh chal Forest, 3rd national forest conference, Tehran 2009.

2009- **Sefidi. K**, Mohadjer M.M.R., Amount and quality of dead trees (snag and logs) in a mixed beech forest in northern Iran, 3rd national forest conference, Tehran 2009.

2008- **Sefidi. K**, Mohadjer M.M.R., Etemad,V., Zobeiri.M., Dead beech trees effect on establishment of natural regeneration of beech and hornbeam in a mixed beech forest, Journal of Iranian forest and Poplar researches, 15 (4): 327-374 [in Persian].

2008- **Sefidi. K**, Haghghi.M.M., Dead wood inhabiting macro fungi diversity in a mixed beech forest, research journal of Agriculture Ministry, Pajohesh _va _Sazandegi, 77:123-128 [in Persian with English abstract].

2008- **Sefidi. K**, Mohadjer M.M.R., Etemad,V., Zobeiri.M., Investigation on amount and quality of dead trees (snags and logs) in a mixed beech forest whit different management histories, the IUFRO Conference on Landscape Ecology International Conference in Chengdu, China (16-22 Septamber, 2008).

2008- **Sefidi. K**, Dead trees as an indicator of sustainable forest management monitoring, 2nd national conference of world Environment day. Post graduate faculty of Environment, University of Tehran, June 2008, Tehran.

B) Books:

Translation “**Forest Ecology**” by Burton Barnes et al, Published in US, with cooperation Prof. Dr. M.R.Marvie Mohadjer to Farsi (Persian), University of Tehran Press (2010).

Work Experience:

- ❖ “Forest management plan” preparation in kheyroud forest (2004).
- ❖ Forest Road Design and Construction including: planning of guideline, surveying of forest roads in research and training forest of natural resources faculty (2003).
- ❖ Research and Educational assistant of Dr Mohadjer and teaching Forest Ecology course in forestry department of u university of Tehran.
- ❖ Lecturer in University of Tehran, Azad University and Mohaghegh Ardabili University

TEACHING RESPONSIBILITIES:

- ❖ Forest Ecology
- ❖ Advance in Silviculture
- ❖ Advance Forest Ecology
- ❖ Management of Forest Ecosystems
- ❖ Dendrology
- ❖ Ecosystem Ecology

Other Presentations:

- Landscape Ecology International Conference Chengdu, China 9/16-9/22, 2008. Presentation: Investigation on amount and quality of dead trees (snags and logs) in some mixed beech forest with different management histories.
- MANAGED FORESTS IN FUTURE LANDSCAPES• IMPLICATIONS FOR WATER AND CARBON CYCLES, Santiago de comp Estela, Spain, May 2011, oral presentation.
- European Landscapes in Transformation: Challenges for Landscape Ecology and Management” July 12 – 16, 2009 Salzburg, Austria.
- 2nd national conference of Environment day (summer 2008), presentation: Dead trees, indicator for evaluation of sustainable forest management.
- Forests for the Future: Sustaining Society and the Environment XXIII IUFRO World Congress, 23-28 August 2010, Seoul, Republic of Korea.
- National conference in feature of Iran northern forest, 2004.
- 3rd National conference on Forests, 2009.
- 1st international conference of soil and roots engineering relationship, 2010.