

## **Curriculum vitae**

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## **Educational Background**

2012: Ph.D. graduate of forestry and forest economics, College of Natural Resources, University of Tehran

Dissertation: Human and forest ecosystem interactions: Applying the framework of human ecology and system thinking approach (case study of Lire-Sar watershed, northern forest of Iran)

2006: M.Sc. graduate of Forestry and Forest Economics, College of Natural Resources, University of Tehran

Thesis: Investigation on Rural People's Knowledge about Their Natural Resources Surrounding (case study of Chetan village, Kojour Districts, Noushahr, northern forest of Iran)

2003: B.Sc. graduate of Forestry and Forest Economics, College of Natural Resources, University of Tehran

Bachelor seminar, Introduction to Traditional Animal Husbandry in Kheyrood watershed, Caspian forest (Northern of Iran)

## Experiences

2012: National socioeconomic consultant of Building a multiple-use forest management framework to conserve biodiversity in the Caspian Forest Landscape, a full project of United Nation Development Program and Global Environmental Facility.

2011-2012: lecturer of forest policy, regulation and administration of natural resources, and bachelor forestry projects courses, college of natural resources, University of Tehran

2011-2012: Reviewer of scientific journals: Iranian journal of forest and poplar, science and technology of wood and forest, conservation and utilization of natural resources, Iranian Journal of Forest, International Journal of Natural Resources and Marine Sciences, International Journal of Agricultural Sciences

2010: participant of a one-week course study on Natural Disasters Management, a joint program of Iran and Germany

2009: lecturer of Sustainable development course: socioeconomic issues of forests and rangelands, Javanshir Educational Institutions

2009: participant of a tree-day course study on Participatory approaches in the empowerment of local communities by Professor Robert Chambers, Shahid Beheshti University

2007: participant of one-month course study on society, environment and development, Japan Foundation Program on Intellectual Exchange.

2003-2012: Contribution in implementation socio-economic issues sub project of forest management plan, bachelor students of forestry and forest economics, college of natural resources, university of Tehran

2005-2009: Contribution in research project related with optimizing methods of forest resources management (case study of Hyrcanian forest management)

2005: implementation of socio-economic issues sub project of forest management plan, bachelor students of forestry and forest economics, college of natural resources and agriculture, University of Kurdistan

2003-3007: Junior lecturer of forest measurement course, college of natural resources university of Tehran

2003-2006: Contribution in research project related with socio-economic issues in 45 & 46 watersheds of Hyrcanian forests, northern part of Iran

2004: Contribution in research project about relationship between forest dwellers and forest management plan of Khyrood forest projects

2003: Contribution in preparing forest management plan for Garazbon district of Khyrood forest management plan.

### **Presentations**

2012: An Investigation on Dynamics of Forest Cover Change in Lirehsar Watershed, Caspian Forests of Iran, Using Multi Temporal Aerial Photographs, paper presented in the 6th national conference of World Environment Day Iran

2006: Qualitative method in socioeconomic research of natural resources, paper presented in the first conference of Iranian forestry students

2005: The role of non-timber forest product in livelihood of rural villagers in northern of Iran, paper presented in 2nd conference of Iranian foresters

### **Publications**

2012: Mohammadi Kangarani, H., A. Soltani, M. Avatefi Henmmat, T. Shamekhi, R. Mirzaei, *Social forestry*, Institute of applied scientific education of Jihad E Agriculture Tehran, Iran, 181p. (In Persian)

2012: Avatefi Hemmat M., T. Shamekhi, M. Zobeiry and M. Ghazi Tabatabaei, Sacred places: progenitor of natural heritage and cultural landscapes in northern Iran (case study of the shrine and cemetery of Sutak village, *Archive des Sciences*, 65(7).

2012: Javanmiri Pour M., M. Rasouli, M. Avatefi Hemmat, M. Shahmoradi, Wild pistachio trees (*Pistacia mutica*) in Qalajeh forest region of western Iran, *Journal of Forestry Research*, 23(2), pp. 51-58.

2012: Avatefi Hemmat M., T. Shamekhi, D. Arab, M. Zobeiry and M. Ghazi Tabatabaei, animal grazing and forest sustainability: system dynamics simulation of Iranian forest policy in Hyrcanian forest, *Journal of forest policy and economics*, under review.

2012: Avatefi Hemmat M., T. Shamekhi, D. Arab, M. Zobeiry and M. Ghazi Tabatabaei, Forest Degradation, an Investigation of Forestry Organization Experts and Local Herders' Mental Models, accepted paper in *Journal of Forest and Wood Products (JFWP)*, *Iranian Journal of Natural Resources*, (In Persian)

2012: Avatefi Hemmat M., T. Shamekhi, M. Janat Babaei, investigation on the conservation role of sacred places in the Caspian forests, northern Iran, *proceeding of 6th national conference of world environment day*, p. 493. (In Persian)

2012: Avatefi Hemmat M., M. Zobeiry T. Shamekhi, and Z. Azizi, An Investigation on Dynamics of Forest Cover Change in Lirehsar Watershed, Caspian Forests of Iran, Using Multi Temporal Aerial Photographs, *proceeding of the 6th national conference of world environment day*, p 399. (In Persian)

2011: Avatefi M., T. Shamekhi, M. Farhady and V. Etemad; Traditional knowledge and customs of local people in woody shelter construction in northern of Iran, *Iranian Journal of forests*, under review, (In Persian)

2010: Shamekhi T. and M. Avatefi Hemmat, The impact of national policies on traditional community forestry: forest proprietorship and management in Chetan community, Mazandran, Iran, *Journal of Small-scale Forestry*, Vol. 9(1), pp. 107-121

2010: Avatefi Hemmat M., T. Shamekhi, V. Etemad and M. Farhadi, 2010. The role of holy places in biodiversity conservation and livelihoods of local people: case study Chetan community in northern Iran, Paper presented in *XXIII IUFRO World Congress "Forests for the Future: Sustaining Society and the Environment"* Seoul, Korea - 23 - 28 August, published in *Journal of the international forestry review* vol. 12(5), p 450.

2010: Avatefi M., T. Shamekhi, V. Etemad and M. Farhady, Historical analysis of ownership and its effect on style of land management in a village in the northern part of Iran (Case study in Chetan), *Journal of Forest and Wood Products (JFWP)*, *Iranian Journal of Natural Resources*, Vol. 62, No. 4, pp.1-20, (In Persian)

2008: Shamekhi T. and M., Avatefi Hemmat, The impact of global policies on traditional community forestry: forest proprietorship and management in Chetan community, Mazandran, Iran, Paper presented in "*small scale rural forest use and*

*management: global policies versus local knowledge*”, International symposium, Gerardmer, France, 23-27 June, p 267. *Pre conference proceedings*.

2007: Avatefi Hemmat, M., T. Shamekhi, M. Farhady and V. Etemad; Traditional knowledge and techniques of forest dwellers in utilization of some non-wood product in northern of Iran (Mazandran province), *social sciences quarterly*, (34), (In Persian)

2007: Avatefi Hemmat M., Traditional behavior of rural community with sustainable treating of environment, “*society, development and environment*”, *the Japan foundation Middle East fellowship program for intellectual exchange*, pp. 97-111

2007: Avatefi Hemmat, M., T. Shamekhi, M. Farhady and V. Etemad; Sustainable management of traditional agricultural systems in west of Mazandaran (case study of Chetan), *the 2nd Iranian agro ecological conference Pre conference proceedings*, Gorgan, (In Persian)

2006: Avatefi Hemmat M. and T. Shamekhi, Qualitative method in socioeconomic research of natural resources, *proceeding of 1st conference of Iranian forestry students*, (In Persian)

2005: Avatefi Hemmat, M., T. Shamekhi, M. Farhady and V. Etemad; The role of non\_wood forest product in livelihood of rural family in northern of Iran, *proceeding of 2nd conference of Iranian foresters*, (In Persian)

## **Skills**

Good knowledge of Vensim, SPSS, Arcview GIS, Idrisi, Expert choice, and Microsoft Office software

## **Language**

Persian: Mother language

English: Satisfactory (writing and speaking)