

# Curriculum vitae Maryam Teimouri

## Personal details

Name **Teimouri**  
First name **Maryam**

Address  
Work **Research Institute of Forests and Rangelands**  
**P.O.Box 13185-116 , Tehran, Iran**

Phone **+98 21 44195901-3 (work), +98 21 66860164 (home), +98 912 533 8519 (mobile)**

E-mail adresse **[maryamtirdad@yahoo.com](mailto:maryamtirdad@yahoo.com) and [mteimouri@rifr-ac.ir](mailto:mteimouri@rifr-ac.ir)**

## Employment

Since 1994 **Expert** at Research Institute of Forest and Rangelands, Forest Research Division, Tehran, Iran,  
Since 1996 **Academic member** of Research Institute of Forest and Rangelands, Forest Research Division, Tehran, Iran,

## Education

Feb 1992-Sep 1994 Master studies in Microbiology at University of Tehran, Iran  
MSc-marks , 18.12 out of 20

Oct.1988-Sep 1992 Bachelor studies in Microbiology at University of Isfahan, Iran  
BSc-marks , 17.48 out of 20

Oct.1984-Jun 1988 Zahra High School in experimental science  
Urmieh, Iran  
High School marks 18.32 out of 20

## Research projects

Isolation and identification of phosphate solubilizing bacteria from forest soils

The effect of phosphate solubilizing bacteria on *Acer velutinum* physiology (growth and nutrition)

Investigation and comparison of bacteria which are involved in Nitrogen cycle in damaged and undamaged of different forest ecosystems in Caspian regions of IRAN

Investigation and comparison of soil biological potential in untouched and tampered ecosystems of *Fagus orientalis* in Caspian regions of Iran.

The studying mycorrhizal symbiosis of several tree and shrub species in Hyrcanian and Zagros forests and producing mycorrhizal seedling of *Juniperus* and *Pistacia*

The investigation of environmental pollution of Persian Gulf war in south and south western of Iran by use of enzymatic and isoenzymatic alterations (peroxidase, amylase and esterase).

The study of symbiosis of mycorrhiza fungi with *Juniperus excelsa*

The study of symbiosis of mycorrhiza fungi with *Haloxylon* sp.

National project of Iranian soils the study symbiosis of forestry trees with microorganisms

### Papers in journals

Moraghebi F, Matinizadeh M., Khanjani B, **Teimouri M** and Afdideh F. 2012. Seasonal variation of urease and alkaline phosphatase activity in natural and artificial habitats of hazel . Journal of Medicinal Plant Research, 6(14): 2714-2720

F. Askari1,. **Teimouri M** and F. Sefidkon. 2011, Chemical Composition and Antimicrobial Activity of *Pimpinella kotschyana* Boiss. Oil in Iran . 14 (1) 124 - 130

F. Askari,\* F. Sefidkon and **Teimouri M.** 2011.. Essential Oil Composition of the Different Parts of *Pimpinella barbata* (DC.) Boiss. in Iran. Journal of Essential Oil Research . Vol. 22, November/December 2010

Moraghebi F , Khanjani B, and **Teimouri M** 2010. Relationship between some nutrient uptake and early abscission of fruits in Ash ( *Fraxinus excelsior* ). Iranian Journal of plant physiology

Farzaneh H., , Korori S., Jalili A, Matinizadeh M, and **Teimouri M** . studying of mycorrhizal symbiosis of in the made forests *Haloxylon* sp. of Sabzevar Pajouhesh & Sazandegi (:76) 113-121 .

F. Askari1\*, F. Sefidkon1, **Teimouri M.**, and S. Yousef Nanaei. . (2009) Chemical Composition and Antimicrobial Activity of the Essential Oil of *Pimpinella puberula* (DC.) Boiss. *J. Agr. Sci. Tech* Vol. 11: 431-438

**Teimouri M.** Matinizadeh M., Korori S. A. A., and M. Kalagari . 2007. Effect of phosphate solubilizing bacteria inoculation on maple ( *Acer velutinum*). Iranian Journal of Forests and Popular Research. Vol 15, no 1. 76-82

Sefidkon .F., Sadeghzadeh .L., **Teimouri .M.**, Asgari F and Ahmadi, SH.2007. Antimicrobial effects of the essential oils of two *Satureja* species ( *Khuzestanica Jamzad* and *S.bachtiarica Bunge*) in two harvesting time. Iranian Journal of Medicinal and Aromatic plants . Vol 23, no 2182-193. 76-82

Matinizadeh M , Korori S. A. A, Khoshnevis. M. , **Teimouri M** and Praznik. W. 2006. Seasonal changes of non-structural carbohydrates and amylase in twigs of *Quercus brantii var.persica* (Jaub and Spach) Zohary. Iranian Journal of Forests and Popular Research. Vol 14, no 3, 277

**Teimouri M.**, Korori S. A. A., Matinizadeh M . and Khoshnevis . 2005. Isolation and identification of phosphate solubilizing bacteria from Vaz forest soils. J. of Pajuhesh and Sazandegi. NO 65:57-65 (Persian)

Moraghebi F., Korori S. A. A., Khanjani B., **Teimouri M.**, Hemmati A. 2005. Effect of Eucalyptus plantation on understory plant cover and some soil parameters in comparison to next natural forest in Astara. Iranian Journal of Forest and Poplar Research. vol. 13 (1):93-109

Moraghebi F., Korori S. A. A., Khanjani B., **Teimouri M.**, Hemmati A. 2003. Allopathic effect of Eucalyptus, Cupressus and Populus on undergrowth and some soil properties in Saravan and Shikhnechin in Gilan provinces. J. of Pajuhesh and Sazandegi. vol 53: 26-35 (Persian)

Korori S. A. A, Matinizadeh M., **Teimouri M.**, Khoshnevis M. 2003. Identification of symbiont vesicular\_arbuscular fungi with *Taxus baccata* in research forest Vaz. J. of Pajuhesh and Sazandegi. No 53: 48-53 (Persian)

Korori S. A. A., Matinizadeh M., **Teimouri, M.** 2003. Different responses to temperature treatments in trees. J. of Pajuhesh and Sazandegi. No 55:10-14 (Persian)

**Teimouri M.**, Baher Z. , Mirza M. 2002. Antimicrobial activity of essential oil of *Satureja laxiflora* G. koch before and after flowering . Iranian Medicinal and Aromatic Plant Research. vol 13: 59-67 (Persian)

Rad M., Korori S. A. A., Jalili A., Matinizadeh M., **Teimouri M.**, Shamszadeh . M. 2002 Symbiosis of vesicular\_arbuscular fungi with *Haloxylon* sp in natural and artificial habitats. J. of Pajuhesh and Sazandegi. No 46: 72-77 (Persian)

Korori S. A. A., Matinizadeh M., **Teimouri M.** 2001. Untersuchungen ueber Eiben (*Taxus baccata*) Mykorrhizen im Norden des Iran .Der Eibenfreund. (German)

Korori. S. A. A., Khoshnevis M., **Teimouri M.**, Matinizadeh M. 2000. Identification of long-lived trees in Khaharmahal\_e\_ Bakhtiari (First part). Journal of Forest and Rangeland. No 44: 46-52 (Persian)

Korori. S. A. A., Khoshnevis M., **Teimouri M.**, Matinizadeh M. 2000. Identification of long-lived trees in Khaharmahal\_e\_ Bakhtiari (Second part). Journal of Forest and Rangeland. vol 45: 66-69 (Persian)

Korori. S. A. A., **Teimouri M.**, Khoshnevis M., Salehi P., Salehi A., Matinizadeh M., Moraghebi F., Maghuli F., Jebbeli M., Shirvani A. 2000. Effect of environmental pollution on Avicennia and Prosopis in south and south west of Iran: Enzymatic studies and element analysis. J. of Pajuhesh and Sazandegi. Vol 43: 62-65 (Persian)

Korori. S. A. A., Salehi P., Maghuli F., Matinizadeh M., **Teimouri M.**, Khoshnevis M and Jebbeli M. 1998. Peroxidase activity in an long lived Juniperus polycarpus and comparison with three other long lived Juniperus excelsa in Semanan province. J. of Pajuhesh and Sazandegi . No 36: 40-41 (Persian)

Korori. S. A. A., Salehi P., Matinizadeh M., Khoshnevis M., Mouraghebi F., **Teimouri M.**, Maghuli F. and Jebbeli M. 1998. Investigation relations between Juniperus polycarpus and Juniperus excelsa by Enzymatic studies. J. of Pajuhesh and Sazandegi. No 37: 48-51 (Persian)

Korori. S. A. A., **Teimouri M.**, Khoshnevis M., Salehi P., Matinizadeh M., Moraghebi F., Maghuli F., Jebbeli M. 1997. Genetical segregation determination in Juniperus polycarpus by use of peroxidase and amylase analysis. J. of Pajuhesh and Sazandegi. No 36: 62-65 (Persian)

### **Seminar Presentations**

Askari, Sefidkon, **Teimouri M** and Mozafarian Chemical composition and Antimicrobial activity of Pimpinella khayammi Mozaff. Ed.oil in Iran. International medicinal and aromatic plant symposium 2010

**Teimouri M.**, M. Khoshnevis and M. Matinizadeh Role of microorganisms in forest tree growth 2008. The First European Conference of Iranian Scientists in Agriculture and Natural Resources (8-9 October 2008, Paris, France

**Teimouri M.**, Korori S. A. A., Matinizadeh M and M. Khoshnevis. 2006. The effects of phosphate solublizing bacteria on Acer velutinum seedlings. 11th International Symposium on Microbial Ecology. Viena. Austria

Korori S. A. A., Matinizadeh M, Shirvany.A. and **Teimouri M.** 2006 . Determination of regeneration potential in natural ecosystems by use of soil microbial enzyme activity. 11th International Symposium on Microbial Ecology. Viena. Austria

-Asgari , F., Sefidkon F and **Teimouri M.** 2006. Chemical composition and antimicrobial activity of *Pimpinella kotschyana*. The 12th Iranian biology conference. Tarbiat Modraes university , Tehran, Iran.

**Teimouri M.**, Korori S. A. A. 2004. The Influence of Pb Pollution on Soil Enzyme Activity. The 12th Iranian biology conference. 31 Aug- 2 Sep. Hamedan , Iran

**Teimouri M.**, Korori S. A. A ., Matinizadeh M. Infection of *Ulmus glabra* , *Acer velutinum* ,and *Taxus baccata* with endomycorrhizal fungi in Vaz forest. 2004. The fourth International Iran and Russia Conference (Agriculture and Natural Resource). 18-20 Sep. Shahrekord , Iran. . (English

**Teimouri M.**, Korori S. A. A ., Moraghebi F and Matinizadeh M. 2004. Comparision of antimicrobial activity of *Quercus brantti* var *persica* and *Quercus ilex*.2004. The second international symposium of traditional medicine, 13-16 October .Tehran, Iran. . (English

Korori S. A. A., . Shirvani A ., Matinizadeh M., **Teimouri M.**, Khoshnevis M. 2004. Assessment of mangroves (*Avicenia marina*) habitats by plant and soil enzymes studies in Bousheher province. The fourth International Iran and Russia Conference (Agriculture and Natural Resource). 18-20 Sep. Shahrekord, Iran. (English)

Moraghebi F., Khanjani B., **Teimouri M.**, Korori S. A. A . 2004. Relationship between some nutrients uptake and early falling of seeds in ash (*Fraxinus excelsior*) The fourth International Iran and Russia Conference (Agriculture and Natural Resource). 18-20 Sep Shahrekord , Iran . (English)

**Teimouri M.**, Matinizadeh M., Khoshnevis M. 2003. Broad activity of phosphate solubilizing microorganisms. The first Iranian science and biodiversity conference.19-21 September, Tehran, Iran. (Persian).

**Teimouri M.**, Matinizadeh M. 2003. Possible use of microorganisms as biological fertilizer The first Iranian science and biodiversity conference.19-21 September, Tehran, Iran. (Persian).

Matinizadeh M., Khoshnevis M . Shirvani A., **Teimouri M.**, Manouchehri N ., Parhizkar P. 2003. Role of genetic diversity relationship management of mangroves trees ( *Avicenia marina*) in Bushehr province . The second national biotechnology conference. 9-11 October, Karaj, Iran. (Persian).

Korori S. A. A., Matinizadeh M., **Teimouri M.** 2002. The effect of biological composition on physiogenetical characters of trees .The second national biotechnology conference. 9-11 October, Karaj, Iran. (Persian).

Shirvany A., Korori S.A.A., Khoshnevis M., Matinizadeh M., **Teimouri M.**, Shahmir F., Rahmani A. 2002. Role of trees as bio-indicators for life history studying. The third International Iran and Russia Conference (Agriculture and Natural Resource). 18-20 Sep, Moscow, Russia. (English)

Rad M., Korori S. A. A., Jalili A., Matinizadeh M., **Teimouri M.**, Shamszadeh M. 2001. Symbiosis between plants and microorganisms in deserts lands. Regional symposium in desert ecosystems. 17-19 May, Yazd, Iran. (Persian).

**Teimouri M.**, Korori S. A. A., Matinizadeh M., Khoshnevis M. 2001. Solubilization of Phosphate by *Aspergillus niger* in liquid medium. The ninth Iranian biology conference. 25-27 August, Tehran, Iran. (Persian)

**Teimouri M.**, Korori S. A. A., Matinizadeh M., Khoshnevis M., Salehi P. 2000. Solubilization of inorganic phosphate by a *Bacillus* strain isolated from forest soil. The first national biotechnology conference. 23- 25 February, Tehran, Iran. (Persian)

Korori. S. A. A., **Teimouri M.**, Khoshnevis M., Salehi P., Salehi A., Matinizadeh M., Moraghebi F., Maghuli F., Shirvani A 2000 .Use of trees as bioindicator for monitoring of environmental pollution. The first national biotechnology conference. 23- 25 February, Tehran, Iran. (Persian)

Korori. S. A. A., Salehi P., **Teimouri M.**, Matinizadeh M 2000 . Quantitative and qualitative of peroxidase activity in susceptible and resistant stands of *Haloxylon* against environmental stress. The first national biotechnology conference. 23- 25 February, Tehran, Iran. (Persian)

Matinizadeh M., Mottahedin P., **Teimouri M.**, Khoshnevis M. 2000. Identification of symbiotic vesicular\_ arbuscular fungi and *Juniperus polycarpus*. The first Iranian science and biodiversity conference. 19-21 September, Tehran, Iran. (Persian)

Korori S. A. A., Matinizadeh M., **Teimouri M.**, Khoshnevis M. 2000. The effect of plant growth promoting bacteria and mycorrhiza in establishment of forest species in nurseries. National conference on north forests and sustainable development. 8 –10 September. Ramsar, Iran. (English)

Khoshnevis M., Korori S. A. A., Matinizadeh M., **Teimouri M.**, Morgahebi F. 2000. Effect of different treatment in seedling production of *Juniperus polycarpus*. . National conference on north forests and sustainable development. 8 –10 September. Ramsar, Iran. (English)

Korori S. A. A., Matinizadeh M., **Teimouri M.**, Khoshnevis M., Morgahebi F. 2000. Ecosystem destruction and extinction of important forest species in Iran.. . National conference on north forests and sustainable development. 8 –10 September. Ramsar, Iran. (English)

Korori S. A. A., Matinizadeh M., **Teimouri M.**, Khoshnevis M., Morgahebi F. 2000. Ecological and environmental condition in natural *Juniperus* habitats . . National conference on north forests and sustainable development. 8 –10 September. Ramsar, Iran. (English)

Korori S. A. A., Khoshnevis M., Maghouli P., Matinizadeh M., Moraghebi F., Salehi P., **Teimouri M.**, Salehi A., Shirvani A. 2000. Tree as indicator for determination of alteration in environmental condition (by use of enzyme, cations and anions studies). XXI IUFRO World Congress, 7-12 August, Kuala Lumpur. (English)

Korori S. A. A., Khoshnevis M., Maghouli F., Matinizadeh M., Moraghebi F., Salehi P. **Teimouri M** . 2000. The management problems in planting *Haloxylon* sp in Iran. XXI IUFRO World Congress. 7-12 August, Kuala Lumpur. (English)