

# Curriculum Vitae



## **Mohammad Reza Bakhshi, Ph.D.**

### **Assistant Professor**

Agronomy and Plant Breeding Department,

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## **EDUCATION:**

-**Ph.D.** in Agricultural Economics (2009), University of Tehran, Tehran, Iran.

-**M.Sc.** in Agricultural Economics (1999), University of Tehran, Tehran, Iran.

-**B.Sc.** in Agricultural Economics (1997), Shahid Bahonar University of Kerman, Kerman, Iran.

## **ADMINISTRATIVE POSITIONS:**

-**Deputy Dean for Administrative and Financial Affairs**, Faculty of Agriculture, University of Birjand, Iran, 2016 up to now.

-**Executor for the core of entrepreneurship**, Faculty of Agriculture, University of Birjand, Iran, 2014-2016.

-**Head of the Library Unit**, Faculty of Agriculture, University of Birjand, Iran, 2011-2014.

-**Supervisor of Office for Gifted Students**, Faculty of Agriculture, University of Birjand, Iran, 2014 up to now.

-**Assistant Professor**, Agronomy and Plant Breeding Department, University of Birjand, Birjand, Iran, 2009 up to now.

## **SPECIFIC SCIENTIFIC INTERESTS:**

- Rural Development
- Optimization of Cropping Pattern
- Environmental Economics
- Natural Resources Economics

## PUBLICATIONS:

### - Books and Monographs:

-Translation of book namely “**Business Management for Tropical Dairy Farmers**” by John Moran  
Published by CSIRO Publishing, With Dr. Fathi and Dr. Modarresi to Persian Language.

### -Refereed Journal Publications:

1. **Mohammad Reza Bakhshi**, Majid Ranai, Asadollah Zamanipour, Mahmood Fal Soleyman, Investigating the Factors Affecting Shareholders' Satisfaction with the Performance of Farming Joint Stock Companies, Rural Development Strategies, Vol. 3, No. 1, 2016, ISC.
2. Fatemeh Yaghoubi Shahneshin Sofla, Majid Jami Al ,& Ahmadi, **Mohammad Reza Bakhshi**, Investigation of Some Factors Affecting Saffron Stigma Nitrogen Content, Journal of Saffron Research, Vol. 5, No. 1, 2017, ISC.
3. Samira Nourmohamadi, **Mohammad Reza Bakhshi**, Mohammad Yousefi, Factors Affecting The Success of Watershed Management Projects From The Perspective of Natural Resources Experts, Iranian Journal of Rainwater Catchment Systems, Vol. 15, No. 5, 2017, ISC.
4. **Mohammad Reza Bakhshi** , Kobra pirdadeh beyranvand , Malihe Falaki, An investigation of the relationship of Social Capital and Environmental Behaviors of Students of Faculties of Agriculture, Natural Resources and Environment, University Of Birjand, Journal of Social Capital Management, Vol. 4, No. 3, 2017, ISC.
5. Malihe Falaki , Fatemah Chavoshi Mirqelash , **Mohammad Reza Bakhshi**, Analysis of Mechanisms for Improvement and Reconstruction of Cooperative Waters of Tabarak Dam in Quchan County: Application of Structural Equation Model, Iranian Agricultural Extension and Education Journal, Accepted for publication, ISC.
6. Fakher Kardoni, Majid Jami Al ,& Ahmadi, **Mohammad Reza Bakhshi**, Econometric Analysis of Energy Use in Cereal Production of Iran (Case Study: wheat, Barley, Corn, Rice), Journal of Agricultural Economics Research, Vol. 10, No. 1, 2018, ISC.
7. Behnaz Nejati , Mofid Shateri , **Mohammad Reza Bakhshi** , Ali Ashrafi, Comparative analytical comparison of efficiency and performance of smallholding and rural production cooperative utilization systems, Rural Development Strategies, Vol. 4, No. 2, 2017.
8. Majid Koopahi, **Mohammad Reza Bakhshi**, Factors Affecting Agricultural Credit Repayment Performance: (Case Study in Birjand District), Iranian Journal of Agricultural Sciences, Vol. 33, No. 1, 2002, ISC.
9. **Mohammad Reza Bakhshi**, Seyed Safdar Hoseini, Analysis of Demand for Money in Iran; An Auto Regressive Distributed Lag (ARDL) Model, Iranian Journal of Economic Research, Vol. 8, No. 28, 2006, ISC.
10. **Mohammad Reza Bakhshi**, Analyzing the Situation of Agricultural Sector among Key Sectors in Iran Economy; Application of 1378 Input - Output Table, Agricultural Economics, Vol. 3, No. 1, 2009, ISC.

11. kourosh Roosta, Motaharah Abadikhah, **Mohammad Reza Bakhshi**, Economic Assessment of Greenhouse-Cucumber Production Units in Birjand Township, Journal of Science and Technology of Greenhouse Culture, Vol. 2, No. 7, 2011, ISC.
12. **Mohammad Reza Bakhshi**, Gholamreza Peykani Machiyani, Simulation of Direct Payment Policy in Agronomy Subsector (Application of PMP & ME Techniques), Iranian Journal of Agricultural Economics and Development Research, Vol. 42, No. 4, 2011, ISC.
13. Fatemeh Yaghoubi Shahneshin Sofla, Majid Jami Al ,& Ahmadi, **Mohammad Reza Bakhshi**, Mohammad Hassan Sayyari Zahan, Comparison of chemical inputs consumption in saffron and Wheat fields in Qaenat region, Saffron Agronomy & Technology, Vol. 2, No. 2, 2014, ISC.
14. **Mohammad Reza Bakhshi**, Gholamreza Peykani Machiyani, Seyed Safdar Hoseini, Iraj Saleh, Evaluating Effects of Removing Fertilizer Subsidy and Direct Payment Policies on Cropping Pattern and Inputs Use (Case Study: Agronomy Subsector of Sabzevar Township), Agricultural Economics, Vol. 4, No. 2, 2010, ISC.
15. Somayeh Rahimi Daghi, Sohrab Mahmoodi, **Mohammad Reza Bakhshi**, Mohammad Hassan Sayyari Zahan, The effects of farm age and region type on stigma yield and soil chemical properties of saffron farms in Birjand county, Journal of Saffron Research, Vol. 3, No. 1, 2016, ISC.
16. Fatemeh Yaghoubi Shahneshin Sofla, Majid Jami Al ,& Ahmadi, **Mohammad Reza Bakhshi**, Mohammad Hassan Sayyari Zahan, Comparison of environmental indicators for nitrogen efficiency and balance in saffron and wheat production systems under Qaenat County, Journal of Saffron Research, Vol. 2, No. 2, 2014, ISC.
17. Zahra Hatami Sardashti, **Mohammad Reza Bakhshi**, Majid Jami Al ,& Ahmadi, An Economic Analysis of Saffron Production in South Khorasan Province, Journal of Agroecology, Vol. 4, No. 1, 2014, ISC.
18. Fatemeh Yaghoubi Shahneshin Sofla, Majid Jami Al ,& Ahmadi, **Mohammad Reza Bakhshi**, Mohammad Hassan Sayyari Zahan, Comparison of Indicators of Technical and Economic Water Use Efficiency in Saffron and Wheat Production Systems in the Qaenat Region, Saffron Agronomy and Technology, Vol. 3, No. 4, 2016, ISC.
19. Fatemeh Yaghoubi shahneshin sofla, Majid Jami Al ,& Ahmadi, **Mohammad Reza Bakhshi**, Mohammad Hassan Sayyari Zahan, Comparison of the environmental indicators of phosphorus efficiency and the balance between saffron and wheat production systems in the Qaenat region Iran, Pollution, Vol. 1, No. 2, 2015.
20. **Mohammad reza Bakhshi**, Behnaz Nejati, Mofid Shateri, Comparative –Analytical Study of Economic Productivity of Water between Small-holding and Rural Production Cooperative Utilization System, The International Journal of Agricultural management and development (IJAMAD), Vol. 3, No. 4, 2014, ISC.
21. Fakher Kardoni , Majid Jami Al ,& Ahmadi, **Mohammad Reza Bakhshi**, Energy efficiency analysis and modelling the relationship between energy inputs and wheat yield in Iran, The International Journal of Agricultural management and development (IJAMAD), Vol. 4, No. 5, 2015, ISC.

**- Conference Proceedings(Reviewed) :**

- 1 .**Mohammad Reza Bakhshi** , Malihe Falaki , Mohammad Hossain Jafari, Investigating the Factors Affecting the Level of Empowerment of Nomadic Cooperatives in Southern Khorasan Province, The 10th Congress of Iranian Association of Geopolitics Second National Conference on Geography and Planning of the Border Regions of Iran, 2018 04 17.
- 2 .**Mohammad reza Bakhshi** , malihe Falaki , Raziye Sepahi, Identifying the Business Opportunities of Livestock Production in Rural Areas of Ferdows County, 2nd National Conference on Advanced Research in Animal Sciences, 2018 04 11.
- 3 .**Mohammad reza Bakhshi** , malihe Falaki , Raziye Sepahi, The study of home business opportunities in the processing of livestock products (Case study: Baghestan Rural District), The first national conference on the new production and employment opportunities in the agricultural sector in the East of the country (in pursuit of the objectives of the resistance economy), 2018 02 14.
- 4 .**Mohammad reza Bakhshi** , malihe Falaki , Raziye Sepahi, Investigating the Opportunities and Fields of Agricultural Entrepreneurship in Rural Areas of Ferdows County, The first national conference on the new production and employment opportunities in the agricultural sector in the East of the country (in pursuit of the objectives of the resistance economy), 2018 02 14.
- 5 .**Mohammad reza Bakhshi** , Behnaz Nejati , Mofid Shateri, Comparative –Analytical Study of Economic Productivity of Water between Small-holding and Rural Production Cooperative Utilization System, 9th biennial Conference of Iranian Agricultural Economics, 2014 05 05.
- 6 .Fakher Kardoni , Majid Jami Allahmadi , **Mohammad Reza Bakhshi** , Khadijeh Jasemi, Investigating the process of chemical energy consumption in Iranian cereals production during 1997-2008 (Case study: wheat and barley), National Conference on Advances in Agronomy, 2011 11 16.
- 7 .**Mohammad Reza Bakhshi** , Malihe Falaki , Ameneh Gharamaghsudi, Evaluation the Empowerment Level of Livestock Cooperative Members of Bojnourd County and Factors influencing it, 2nd National Conference on Advanced Research in Animal Sciences, 2018 04 11.
- 8 .Kobra pirdadeh beyranvand ,& **Mohammad Reza Bakhshi**, Assessment of social capital among students of Agriculture, Natural Resources and Environment faculties of University of Birjand, National Conference on Higher Education Development and Security Discourse, 2016 11 08.
- 9 .Sommaye Hagh Nazari , **Mohammad Reza Bakhshi** , Malihe Falaki, Evaluation of Tourism Capacity of Villages of the Purpose of Tourism from the Point of View of Local Residents in Selseleh County, The first national conference on the new production and employment opportunities in the agricultural sector in the East of the country (in pursuit of the objectives of the resistance economy), 2018 02 14.
- 10 .Tahereh Ameli Sarachahi, Mohammad Reza Asgharipour, Mahmoud Ramroudi, **Mohammad Reza Bakhshi**, Mehdi Khazaei Arab, Evaluation of pesticides and pest and weed management Measures and their role in saffron stability index (*Crocus sativus* L.), The first national conference on the new production and employment opportunities in the agricultural sector in the East of the country (in pursuit of the objectives of the resistance economy), 2018 02 14.
- 11 .Mohammad Bahari, Seyed Mohammad Hosseini, Hadi Ghanbarzadeh, Hadi Sareer, **Mohammad Reza Bakhshi**, Effects of different levels of combochaja on the performance and carcass characteristics of broiler chicks, Fifth Iranian Congress on Animal Science, 2012 08 29.

12. **Mohammad Reza Bakhshi** ,& Gholamreza Peykani Machiyani, Policy making of Chemical Inputs and its Effects on Environment(With emphasis on subsidized fertilizers), 7th biennial Conference of Iranian Agricultural Economics, 2010-02-03 -2010-02-04, 2010 02 03.
13. Somayeh Rahimi Daghi, Sohrab Mahmoodi, **Mohammad Reza Beakhshi**, Mohammad Hasan Sayyari Zahan, Effect of Some Soil Chemical Properties on Saffron yield in Kashmar County, The 2th National Congress on Organic and Conventional Agriculture, 2013 08 22.
14. Fatemeh Yaghobi, Majid Jami Al-Ahmadi, **Mohammad Reza Bakhshi**, Mohammad Hassan Sayyari Zahan, Comparison of fertilizer and pesticide inputs in saffron and wheat farming in Ghaenat County, The 2th National Congress on Organic and Conventional Agriculture, 2013 08 22.
15. Fatemeh Yaghobi, Majid Jami Al-Ahmadi, **Mohammad Reza Bakhshi**, Mohammad Hassan Sayyari Zahan, Comparison of Environmental Indices of Balance and Nitrogen Efficiency in Saffron and Wheat Production in Qaenat County, The 2th National Congress on Organic and Conventional Agriculture, 2013 08 22.
16. Fatemeh Yaghobi, Majid Jami Al-Ahmadi, **Mohammad Reza Bakhshi**, Mohammad Hassan Sayyari Zahan, Investigating Factors Affecting Nitrogen level in Wheat air limb, The 2th National Congress on Organic and Conventional Agriculture, 2013 08 22.
17. Somayeh Rahimi Daghi , Sohrab Mahmoodi , **Mohammad Reza Beakhshi** , Mohammad Hasan Sayyari Zahan, Evaluating and comparing the state of consumption of fertilizer, pesticides and water inputs and their effect on yield of saffron in Birjand and Kashmmar Counties., First National Conference on Medicinal Plants and Sustainable Agriculture, 2013 10 10.
18. Somayeh Rahimi Daghi , Sohrab Mahmoodi , **Mohammad Reza Beakhshi** , Mohammad Hasan Sayyari Zahan, Evaluation the types of used fertilizers and their effects on yield in saffron (*Crocus sativus* L.) farms of Kashmar County, First National Conference on Medicinal Plants and Sustainable Agriculture, 2013 10 10.
19. Shokufeh GHanbar Zadeh , **Mohammad Reza Bakhshi** , Malihe Falaki, Identifying Environmental Factors Improving Agricultural Entrepreneurship Development (Case Study : Golian district of Shirvan County), First National Conference on Medicinal Plants and Sustainable Agriculture, 2013 10 10.
20. Shokufeh GHanbar Zadeh , **Mohammad Reza Bakhshi** , Malihe Falaki, Agricultural Development with Emphasis on Entrepreneurship (Case Study: Golian district of Shirvan County), First National Conference on Medicinal Plants and Sustainable Agriculture, 2013 10 10.
21. **Mohammad Reza Bakhshi**, Comparative Advantage Analysis of Melon Production in Torbat Jam Township, National Conference on Melon Production and Processing, 2011 10 04.
22. **Mohammad Reza Bakhshi** , kourosh Roosta , Motaharah Abadikhah, Determining the Factors Affecting Technical Efficiency of Greenhouse Cucumber Producers (Case Study: Birjand Township), 9th biennial Conference of Iranian Agricultural Economics, 2014 05 05.
23. Behnaz Nejati , Mofid Shateri , **Mohammad reza Bakhshi** , Ali Ashrafi, Comparison of water productivity of agricultural products in agricultural stock and Agro-industry utilization systems (Case study: Khosf county), The second national conference on water management in the field, 2014 10 13.
24. **Mohammad Reza Bakhshi** , Mahmood Fal Soleyman , Somayeh Poursamani, Application of goal programming in determining optimal cropping pattern with emphasis on sustainable agriculture, 1st annual conference of Iranian Agricultural Research, 2015 07 22.

25. **Mohammad Reza Bakhshi**, Comparative – Analytical of Environmental Indicators in Agricultural Production (Case Study: Agronomy Subsector of Mashhad County), 2nd Conference of new finding in environment and agricultural ecosystems, 2015 06 22.
26. **Mohammad Reza Bakhshi**, Evaluating the Impacts of Removing Fertilizers Subsidies on crops yield and Farmers' Income (Case Study: Agriculture Subsection of Northern Khorasan), The 4th National Congress on Organic and Conventional Agriculture, 2015 08 19.
27. **Mohammad Reza Bakhshi**, Comparison the environmental impacts of replacement subsidizing fertilizers policy with direct payment policy from the perspective of sustainable development, The 4th National Congress on Organic and Conventional Agriculture, 2015 08 19.
28. Kobra pirdadeh beyranvand ,& **Mohammad Reza Bakhshi**, Home businesses, entrepreneurship, investments in the rural areas for sustainable development through co-operation, The First National Conference on New Achievements in Biosciences and Agriculture, 2015 05 21.
29. **Mohammad Reza Bakhshi**, Investigating the Factors Affecting the Drainage of Qanats in South Khorasan Province, National Conference of qanat and Maintenance of qanat, 2015 02 18.
30. Kobra pirdadeh beyranvand, **Mohammad Reza Bakhshi**, The Importance of Indigenous and Traditional Knowledge and its Background to Iran's Laws with the Example of reservoir, National Conference of qanat and Maintenance of qanat, 2015 02 18.
31. Somayeh Rahimi Daghi , **Mohammad Reza Bakhshi** , Sohrab Mahmoodi, Determining the optimal economic and environmental cropping patterns in arid land regions with an emphasis on sustainable agriculture (case study: birjand county), Second International Conference on Rural Development, 2015 02 18.
32. Sara Mohebbi Pour , **Mohammad Reza Bakhshi** , GHolam Reza Haderbadi, Comparison of the Human Development Index of the Islamic Republic of Iran with the countries of the Southwest Asia (time intervals of 2012, 2000), The second International Conference on Human Security in West Asia, 2015 04 22 2015.
33. **Mohammad Reza Bakhshi** , Ameneh GHareh maghsoudi , Malihe Falaki, Prioritization of managerial, financial, educational, motivational factors affecting the level of members' empowerment of dairy farmers Cooperative in Bojnurd County, National Conference on Research and Technology Findings in Natural Ecosystems and Agriculture, 2016 10 19.
34. Kobra pirdadeh beyranvand, **Mohammad Reza Bakhshi**, Importance of Drought and Its Effects (Water Resources Reporting in Kohdasht County), 2nd Conference on Conservation Natural Resources and Environment, 2016 03 03.
35. **Mohammad Reza Bakhshi** , Kobra pirdadeh beyranvand , Milad Sepahrom, Participatory management strategy to reduce the vulnerability of economic, social, environmental impacts of droughts, 2nd Conference on Conservation Natural Resources and Environment, 2016 03 03.
36. **Mohammad Reza Bakhshi** , Kobra pirdadeh beyranvand , Maliheh Falaki, Economic, social and environmental consequences of drought on some rural areas of Iran and other countries, National Conference on Water Crisis and its Management in Arid Zones of Iran, 2016 02 03.
37. Leila Jafri, **Mohammad Reza Bakhshi** , Javad Mikaniki, The Effect of Technical Knowledge and Traditional Knowledge on Drought Management (Case Study: Khorram Abad County), 2nd National conference on climate change and engineering sustainable agriculture and natural resources, 2016 08 11.

38 .Leila Jafri, **Mohammad Reza Bakhshi** , Javad Mikaniki, Studying the knowledge attitude and skills of Khorramabad county farmers toward drought management, 2nd National conference on climate change and engineering sustainable agriculture and natural resources, 2016 08 11.

39 .**Mohammad Reza Bakhshi**, Sommaye Hagh Nazari, The Importance of Handicrafts in the Development of Tourism (Case Study: Selseleh County), International Conference on Advanced Research in Management, Economics, Empowerment of the Tourism Industry in Development, 2017 09 07.

40. **Mohammad Reza Bakhshi**, Study of Agricultural Tourism Capacity in South Khorasan Province, The 10th Congress of Iranian Association of Geopolitics Second National Conference on Geography and Planning of the Border Regions of Iran, 2018 04 17 .

#### TEACHING:

No	Course Title	Level
1	Agricultural Economics	B.Sc.
2	Farm Management	B.Sc.
3	Natural resource economics	B.Sc.
4	Environmental Economics	B.Sc.
5	Economic Development	M.Sc.
6	Ecological Economics	M.Sc.
7	Rural marketing	M.Sc.
8	Cropping pattern planning	M.Sc.
9	Research Methods in Rural Development	M.Sc.
10	Project evaluation	M.Sc.
11	System thinking	M.Sc.