

CURRICULUM VITAE

1. Name: Shahla Choobchain

Assistant Professor of Agricultural Development

2. University Address:

Department of Agricultural Extension and Education

College of Agriculture

Tarbiat Modares University

Tehran, Iran.

Postal Code: 1497713111

3. Educational Qualifications:

2012	PhD (Agricultural Development, University of Tehran)
2006	M.Sc. (Agricultural Development, Rural Development), University of Tehran
2001	B.Sc. (Statistics), Allame Tabatabaee University
1995	Diploma in Mathematic.

4. Academic Awards

2008 & 2009 First Rank PhD Student, Agricultural Development Course, University of Tehran

2007 First Rank student in PhD Entrance Examination

2006 Top student of M.Sc. Courses (Agricultural Development, Rural Development).

5. Research experiences:

I: Co-Researcher

- a) Co-Researcher in project on : Challenges and Strategies to Empower Women's Cooperatives in Iran, 2005
- b) Co-Researcher in project on : Effectiveness of the Projects of Transfer of Research Findings and its Influential Factors, 2005

- c) Co- Researcher in project on : Formulating and Validation of Extension Indices for Ranking Iranian Provinces from the View Point of Extension Education Activities, 2005
- d) Co- Researcher in project on: Comparing Experiences on Rural Civilization in 3 Countries (China, India, and South Korea) with Iran, 2005
- e) Co- Researcher in project on : Major Challenges Of Iranian Rural Communities For Achieving Sustainable Development, 2006
- f) Co- Researcher in project on: Empowerment and Entrepreneurship in Deprived Regions, 2007.
- g) Co- Researcher in project on: Investigating and Analyzing Tea Production Recession in Iran- Case Study Tea Production in Langrood County, 2008.
- h) Co- Researcher in project on: Urban-Rural Development in IRAN (Causes and Consequences), 2009.
- i) Co- Researcher in project on: Compile and Validation of Indices of Sustainable Rural Development, 2009.
- j) Co- Researcher in project on: Structural Analysis of Factors Affecting Agricultural Sustainability in Qazvin Province, Iran, 2010.
- k) Co- Researcher in project on: Evaluation of Agricultural Extension and Education Science, Iran, 2010.
- l) Co- Researcher in project on: Investigating Methods of Retrieval of Production Power of Scathed people in agricultural sector in Iran, Iran, 2011

II: Conference Organizations

- a) Co- organizer, The First National Congress of Agricultural Education, Tarbiat modares University, 2006.
- b) Co-organizer of the 2nd Conference on Rural Development, Tehran University, 2007.
- c) Management of the Weblog of 2nd Conference on Rural Development, 2007.

6: Papers Presented in the International and National Conferences/Workshops

- a) Choobchian, S. and shafie, F (2005), Role of Human Capital in Sustainable Agricultural Development: Necessities and Conceptions, First National Congress of Employment, Empowerment and Globalization, Tehran.
- b) Shabanali Fami, H, Ghasemi, J, Choobchian, S, Fizolahzade, S (2009), Sustainable Livelihood, a New Approach to Elimination Poverty and Empowering Head – Families women, 2nd conference on Empowering Head – Families women, June 30- July 1, Tehran.
- c) Choobchian, S. (2009), Investigating the Effect of Training on Performance of Dhyaries of Gilan Province", National Conference on Rural Development in Guilan, 5-6 September 2012, Gillan.
- d) Kalantari, K, Asadi, A, Choobchian, S. (2012), Assessment of strengths and weaknesses, threats and opportunities facing agricultural extension using SWOT technique (abstract), Conference on Agricultural and Natural Resource Sciences College of Agricultural Extension and Education in Tehran university, 18-19 may 2012, Tehran.
- e) Participating in workshop" Application of geostatistics to analyse spatially explicit survey data in an ecosystem approach" '2-6 December2013 ' ICES Training course ' Paris.
- f) Kian, F, Farhadian, H, Choobchian, S. (2014), food safety, 2nd National Conference in the food industry, optimize the supply chain, distribution and consumption, University of Agricultural Sciences and Natural Resources Sari. 19 Feb 2014.
- g) Kian, F, Farhadian, H, Choobchian, S. (2015), Food security and Healthy diet, 2nd National Conference on new findings in environment and agricultural ecosystems, Renewable Energy and Environmental Research Institute of Tehran University. 10 September 2015.
- h) Haji, L, Chizari, M, Choobchian, S. (2015), the role of agricultural cooperatives in sustainable development, 1st Conference on Agriculture and Development, Talash conference center, Tehran.
- i) Haji, L, Chizari, M, Choobchian, S. (2015), Food security and environmental health effects of agricultural cooperatives in the protection of natural resources, 2nd National conference on Climate Change and Engineering Sustainable Agriculture & Natural Resources, Tehran, September 17, 2015.
- j) Azizi, F, Farhadian, H, Choobchian, S. (2016), The importance of supporting SMEs, medium enterprises, The fifth National Conference on Management Techniques and Sustainable Economy, Shiraz, January 14, 2016 .

- k) Momenpor, Y, Sadighi, H, Choobchian, S. (2016), Evaluation of utilization farmers ecological agricultural practices and its impact on environmental sustainability, 2nd. international conference on sustainable development strategies and challenges whit a focus on agriculture, natural resources, environment and tourism, 23-25 Feb, 2016, Tabriz, IRAN.
- l) Ahadiat, M, Farhadian, H, Choobchian, S. (2016) The role of green water, blue water, gray water and virtual water in agriculture, International Congress on Engineering Innovation and Technology Development, 16-18 FEB 2016 , Tabriz , Iran.
- m) Ghorbannejad, M, Choobchian, S. Farhadian, H. (2016) Clean and renewable energy production in order to achieve sustainable agriculture, The tenth National Congress of the pioneers of progress, 8 DEC 2016, Tehran, Iran.
- n) Ahmadyoosefi, R, Choobchian, S. (2016) "The role of crisis management of drought on rural development", National Conference on research and technology findings in natural and agricultural ecosystems, Research institute of Tehran University, Institute for Renewable Energy and the Environment, 29 SEP 2016, Tehran, Iran
- o) Ahmadyoosefi, R, Choobchian, S. (2016) "The role of hydroponic cultures in coping with drought crisis", National Conference on research and technology findings in natural and agricultural ecosystems, Research institute of Tehran University, Institute for Renewable Energy and the Environment, 29 SEP 2016, Tehran, Iran
- p) Ghorbannejad, M, Choobchian, S. Farhadian, H. (2016) Skills and job requirements in the field of renewable energies, First National Conference on Agriculture and Entrepreneurship, 8 FEB 2016, Tehran, Iran.
- q) Ahmadyoosefi, R, Choobchian, S. (2016) Employment and water crisis, First National Conference on Agriculture and Entrepreneurship, 8 FEB 2016, Tehran, Iran.
- r) Amiri kachmei, s, Choobchian, S. (2016) Entrepreneurship In line of Sustainable rural development, First National Conference on Agriculture and Entrepreneurship, 8 FEB 2016, Tehran, Iran.
- s) Ahmadyoosefi, R, Choobchian, S. Chizari, M.(2016), The Effect of Drought Crisis Management Programs on Sustainable Agriculture Development in Kerman Province, The First International Conference and the 2nd National Congress on Agriculture, Environment and Food Security, 29 FEB 2016, Jiroft, Iran.
- t) Mahmoodi Momtaz, A, Choobchian, S, (2017). Drought and mitigation strategies, Second National Conference on Environment, Natural Resources, Agriculture and Clean Energy, 12 OCT 2017, Hamedan, Iran.
- u) Cheraghi Mahmoodabadi, S, Choobchian, S, (2017). Investigating the Economic Effects of Renewable Energy Applications in the Agricultural Sector, Second National Conference on Environment, Natural Resources, Agriculture and Clean Energy, 12 OCT 2017, Hamedan, Iran.
- v) Ghorbannejad, M, Choobchian, S. (2018) Use of solar desalination in greenhouses, the 5th national conference on agriculture natural resources and sustainable environment, 6 FEB 2018, Shiraz, Iran.
- w) Dehaghi, S, Choobchian, S, (2017). The Role of Photovoltaic Water Pumps in Development of Agricultural Sector, 4th International Conference on Solar Energy, 24-25 November 2017, Tehran University, Iran.

- x) Mahmoodi Momtaz, A, Choobchian, S, (2018). Effects of Climate Change on Farm Water Management, National Conference on Farm Water Management, 26 FEB 2018, Tehran University, Iran.
- y) Cheraghi Mahmoodabadi, S, Choobchian, S, (2018) The Effect of Entrepreneurship Development in the Field of Solar Energy in the Agricultural Sector, Third National Student Conference on Agricultural Economics, Guilan, Iran, 10 MAR2018.
- z) Cheraghi Mahmoodabadi, S, Choobchian, S, (2018) The Role of Entrepreneurship in Renewable Energies in Resistive economy, Fifth National Conference on Entrepreneurship and Knowledge Based Business Management, Babolsar, Iran, 17 MAR2018.

7: Scientific Publications:

I. Journals

- a) Shabanali Fami, H, Choobchian, S, Rahimzade, M, Rasooli, F (2006), Woman's Cooperatives in Iran: Recognition and Analysis of Success, Women's studies a Peer Reviewed Quarterly Journal, Al-Zahra University, Vol . 4, No.2, summer and autumn.
- b) Kalantari, K, Asadi, A, Shabanali Fami, H, Abdolazadeh, G, Choobchian, S, Rahimzade, M (2006), Validation of Extension Indices for Ranking Iranian Provinces Extension Education Activities, Scientific journal of Agriculture, Aboureyhan Campus- University of Tehran, Vol . 8, No.2, autumn.
- c) Choobchian, S, Kalantari, K, Shabanali Fami, H (2007), Factors Affecting the Performance of Village Assistance Bureaus in Gilan Province of IRAN, Roosta Va Towse'e Scientific Journal, A Quarterly Journal of Rural Development Studies, Vol.10, No. 2, summer, Ministry of Jihad for Agriculture, Tehran.
- d) Kalantari, K, Shabanali Fami, H, Asadi, A, Qasemi, I, Choobchian, S (2008), Major Challenges of Iranian Rural Communities for Achieving Sustainable Development, American journal of Agricultural and Biological Science, 3(4):724-728, issn1557-4989.
- e) Kalantari, K, Asadi, A, Shabanali Fami, H, Saadat Mousavi, S, Choobchian, S (2008), Efficacy of the Projects of Transfer of Research Findings, and Its Influential Factors, Iranian journal of Agricultural Sciences, Agricultural Economics & Development, - University of Tehran, Vol . 39-2, No.1, autumn.

- f) Kalantari, K, Shabanali Fami, H, Asadi, A, Choobchian, S (2008), Major Challenges of Iranian Rural Communities for Achieving Sustainable Development, Quarterly professional Journal of Sociology, Vol.2, No 4, Winter 2008, Pp 103-119.
- g) Choobchian, S, Kalantari, K, Shabanali Fami, H (2008), Analyze of Factors Influence the Success of Village Management Centers (Dehyaries) in Gilan province of IRAN, Scientific Journal of Agriculture, Aboureyhan Campus- University of Tehran, Vol . 10, No.1, spring.
- h) Shabanali Fami, H, Khani, F, Choobchian, S, Rostami, F (2009), Analysis of Economic Factors Affecting Women's Cooperatives Performance in Iran, Journal of Human Geography Research Quarterly, Institute of Geography- University of Tehran, Vol . 66, winter.
- i) Kalantari, K, Asadi, A, Choobchian, S (2009) Compiling and Validation of Sustainable Rural Area Development Indicators, Journal of Urban-Regional Studies and Research, 1st Year, No.2, Autumn 2009.
- j) Kalantari, K, Choobchian, S (2010), Regional Planning in Iran: Actions and Challenges, Quarterly professional Journal of Sociology, Vol.5, No.1, spring 2010, Pp 97-114.
- k) Choobchian, S (2012), Investigation and Comparative Analyzing Methods of Indemnification of Damaged Farmers from Natural Disasters in Selected Countries, Scientific & Research Quarterly Journal of Agricultural Insurance Fund, Vol.8, No.29&30. Autumn& Winter 2012.
- l) Khani, F, , Choobchian, S (2012), Gender relations in Rural Spaces and its Effects on Women's participation, a Comparative Study on Moreedan Rural District of Langerud City in Gilan Province and Rural District of Hooly from Paveh city in Kermanshah Province, Journal of rural research, , Vol.3, No.3. Autumn 2012.

- m) Asadi, A, Kalantari, K, and Sh. Choobchian (2013), Structural Analysis of Factors Affecting Agricultural Sustainability in Qazvin Province, JAST (Journal of Agricultural Science and Technology) journal, Vol. 15: 11-22, 2013, Iran.
- n) Karami, M, Choobchian, S, Kalantari, K (2013), Site selection for Handy Craft Market in South Khorasan Province Using Analytical Hierarchy Process (AHP), Urban - Regional Studies and Research Journal, 4th Year, No. 15, Winter 2013, ISSN (online): 2252-0848.
- o) Choobchian, S, Kalantari, K, Asadi, A, Taghavi Motlagh, S, A, and Gholamhossein Hosseini nia (2013), Comparison of different dimensions of sustainable fishing in the Pareh cooperatives in Gilan ", Journal of Agricultural Economics and Development Research, Vol. 44, No. 3, Autumn 2013.
- p) Janzade, A, Jameie, B, Choobchian, S, Nasirinezhad, F (2014), Neuroprotective Effect of Coenzyme Q10 in Chronic Constriction Injury-Induced Neuropathic Pain in Rat, Thritha journal, 2014 March; 3(1): e16607, DOI: 10.5812/thrita.16607.
- q) Choobchian, S, Kalantari, K, Asadi, A and Seyed Aminollah Taghavi Motlagh, (2015), **Ranking cities of Gilan province in terms of sustainable management of fishing PAREH cooperatives using TOPSIS technique**, Journal of Rural Studies, Vol. 5, No. 4, winter 2015.
- r) Choobchian, S, Kalantari, K, Asadi, A and Seyed Aminollah Taghavi Motlagh, (2015), **Determining of best strategy for improvement of sustainable coastal fishery in the Guilan province using AHP technique**, Journal of fisheries (Iranian journal of natural resources), Volume 68, Issue 1, Spring 2015, Page 41-59.
- s) Khani, F, Choobchian, S, (2015), **Women and Rural Development in Iran: Analysis of the effect of Socio- Economic changes on women' work in agriculture**, Ciência e Natura, Santa Maria, v. 36 n. 2 jun. 2014, p. 36–50 Revista do Centro de Ciências Naturais e Exatas – UFSM , ISSN impressa: 0100-8307 ISSN on-line: 2179-460X, Aceito: 04/09/2015.
- t) Choobchian, S, Kalantari, K, Asadi, A and Seyed Aminollah Taghavi Motlagh, (2015), **Measurement and Comparison of Different Dimensions of Sustainable Coastal Fishing Management in Beach Seine Cooperatives in Guilan**, J. Agr. Sci. Tech. JAST (Journal of Agricultural Science and Technology) journal (2015) Vol. 17: 1463-1472.
- u) Haji, L, Chizari, M, Choobchian, S. (2015), Perceptions of Agricultural Production Cooperative Members Regarding Sustainable Development in Naghadeh Township,

science and research quarterly journal of Cooperation and Agriculture, Volume 4, Issue 15, Autumn 2015, Page 92-117.

- v) Kiyan, F, Farhadian, H, Choobchian, S, (2016), **FOOD INSECURITY ASSESS OF URBAN HOUSEHOLD OF ALBORZ PROVINCE**, IRANIAN JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, SEPTEMBER 2016 , Volume 13 , Number 55, 167 - 179.
- w) Kalantari, K , Choobchian, S, (2016), **Choosing the most appropriate method of Compensation Natural Losses to Agricultural Sector of Iran through AHP Technique**, Scientific & Research Quarterly Journal of the Agricultural Planning, Economic & Rural Development Research Institute_(APERDRI) Ministry of Jihad-e Agriculture, Vol. 23, No. 4(92), Winter 2016- ISSN 1022-4211.
- x) Haji, L, Chizari, M, Choobchian, S, (2016), **Structural Analysis of Factors Affecting the Sustainable Development of Agricultural Production Cooperatives in Rural Areas Naghadeh Township**, , Journal of Rural Research, Volume 7, Issue 1, Spring 2016, Page 195- 216.
- y) Razak, A. A., Majid, Z. A. A., Azmi, W. H., Ruslan, M. H., Choobchian, S., Najafi, G., & Sopian, K. (2016). **Review on matrix thermal absorber designs for solar air collector. *Renewable and Sustainable Energy Reviews*, 64, 682-693.**
- z) Nejadi, F. Abbasi, E. Choobchian, S. (2017). **The Role of Combating Desertification Projects in Promotion of Local People's Social Capital (The Case of Shahdad Carbon Sequestration Project).** Journal of Rural Research, 7(4), 604-617. <http://dx.doi.org/10.21859/jjr-07042>.
- aa) Haji, L, Chizari, M, Choobchian, S, (2017),” **Analysis of Factors Promoting Sustainable Development of Agricultural Cooperatives in Naghadeh Township from Members' Perspectives**”, QUARTERLY IRANIAN JOURNAL OF AGRICUTURAL ECONOMICS AND DEVELOPMENT RESEARCH, No 2, volume 48, 299-309.
- bb) Momenpor, Y, Sadighi, H, Choobchian, S. (2017), **Structural Analysis of the Role of Extension-Education and Psychological Components on the Wheat farmers Environmental Behavior of Bukan County**, Quarterly journal of Agricultural Extension and Education, No 4, volume 36, pp. 22-36.

- cc) Ahadiat, M, Farhadian, H, Choobchian, S. (2018), **Study of Components Affecting Virtual Water Trade Management from the View Point of Experts**, QUARTERLY IRANIAN JOURNAL OF AGRICUTURAL ECONOMICS AND DEVELOPMENT RESEARCH, No 2, Issue 4, Winter 2018, Page 657-679.

II Magazines

- a) Choobchian, S, pishbin, A (2007), **Necessities of Agricultural Sector for Joining World Trade organization (WTO)**, Jihad Monthly Scientific, Social and Economic Magazine, Vol26, No. 274, Dec & January 2006-2007.
- b) Shabanali Fami, H, Choobchian, S (2008), **Contract Farming, the Necessities and Characteristics**, Jihad Monthly Scientific, Social and Economic Magazine , Vol 27, No. 280, Dec & Jan 2007-2008
- c) Asadi, A, Choobchian, S (2010), **Productivity and Its Improvement Techniques**, Rahborde-E-Yas Magazine, No 20, winter 2009-2010, ISSN 1735-2460, Pp 161-178.
- d) Asadi, A, Choobchian, S. (2010), **Prologue to Value Engineering**, Rahborde-E-Yas Magazine (2010), No 23, Autumn 2010, ISSN 1735-2460, Pp 164-183.
- e) Choobchian, S, Kalantari, K, Asadi, A and A. Biglarifard, (2015) **Investigating Factors Affecting the Efficiency of Strawberry Greenhouses; Guidelines for the development of agricultural entrepreneurship**, Journal of Entrepreneurship in Agriculture Vol. 2(2), 2015, Pp 35-45, <http://jead.gau.ac.ir>.
- f) Amiri kachmei, S, Choobchian, S, Sadighi, H, (2017), **Analysis of factors affecting the development of horticulture products insurance in the south Kerman province**, Journal of Rural Development Strategies, Article 5, Volume 4, Issue 4 - Serial Number 16, Winter 2018, Page 515-534.

8. Areas of Interest:

- a) Renewable Energy Technologies for Sustainable Development
- b) Sustainable Agricultural and Rural Development and Management
- c) Participatory Approaches to Agricultural and Rural Development.
- d) Spatial Data Infrastructures(SDI) & Spatial planning

9. Thesis / Dissertation

M.Sc.: Investigating Factors Affecting the Performance of the Village Management Bodies (Dehyaries) in Gilan province of Iran

PhD: Designing a Model for Sustainable Management of Coastal Fishing in Gilan province of Iran

10. Books:

- 1) Shabanali Fami, H, Choobchian, S (2007), A dictionary of Agricultural and Rural Development, Published by Monadi- Tarbiat institute.
- 2) Shabanali Fami, H, Asadi, A, Choobchian, S (2007), Acquaintance with the Methods of Self Employment, Published by Payame Noor (PNU) – University.
- 3) Choobchian, S, moumenihelali, H (2017), Multi criteria decision making: approach of analytical hierarchy process (AHP) and application of SWOT analysis, Jahad Daneshgahi Publication, Tehran, Iran.

11. Current projects:

- a) Experts' Perspectives on Barriers to the Deployment of Renewable Energy Sources in Iran***
- b) Investigating factors affecting farmers' intention of adopting renewable energy technologies in Iran***
- c) Renewable energy sources and climate change mitigation;***
- d) Energy policies for sustainable development in Iran***

12. Workshops

- ✚ **“Application of Geostatistics to analyze spatially explicit survey data in an ecosystem approach” .2-6 December2013 . ICES Training course .Paris.**
- ✚ **“RETScreen Expert and IREA Training”, 19-23june 2017, York University, Toronto, Canada.**

13. E-mail:

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