



CURRICULUM VITAE

1. Name: Shahla Choobchian

Associate 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), Allameh Tabataba'i University

1995 Diploma in Mathematics.

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: Selected Research Collaborations and Leadership Roles

- a) *Co-Researcher*, Research Project: "**Challenges and Strategies to Empower Women's Cooperatives in Iran**", 2005.
- b) *Co-Researcher*, Research Project: "**Effectiveness of the Projects of Transfer of Research Findings and Its Influential Factors**", 2005.
- c) *Co-Researcher*, Research Project: "**Formulation and Validation of Extension Indices for Ranking Iranian Provinces from the Perspective of Extension Education Activities**", 2005.
- d) *Co-Researcher*, Research Project: "**Comparative Study of Rural Development Experiences in China, India, South Korea, and Iran**", 2005.
- e) *Co-Researcher*, Research Project: "**Major Challenges of Iranian Rural Communities in Achieving Sustainable Development**", 2006.
- f) *Co-Researcher*, Research Project: "**Empowerment and Entrepreneurship in Deprived Regions**", 2007.
- g) *Co-Researcher*, Research Project: "**Investigation and Analysis of the Recession in Tea Production in Iran – Case Study: Langrood County**", 2008.
- h) *Co-Researcher*, Research Project: "**Urban–Rural Development in Iran: Causes and Consequences**", 2009.
- i) *Co-Researcher*, Research Project: "**Compilation and Validation of Sustainable Rural Development Indices**", 2009.
- j) *Co-Researcher*, Research Project: "**Structural Analysis of Factors Affecting Agricultural Sustainability in Qazvin Province, Iran**", 2010.
- k) *Co-Researcher*, Research Project: "**Evaluation of Agricultural Extension and Education Science in Iran**", 2010 *Collaborator*, Research Project: "**Assessment of Strategies for Restoring the Productive Capacity of Agricultural Sectors Affected by Natural Disasters in Iran**", completed in January 2011, University of Tehran. Principal Investigator: Dr. Khalil Kalantari.
- l) *Postdoctoral Research Supervisor*, National Elites Foundation Project: "**An In-Depth Analysis of Challenges, Requirements, and Strategic Solutions for Enhancing Water Security in Agricultural Utilization Units of Hamedan Province**", 2021–2023, Tarbiat Modares University.
- m) *Principal Investigator*, Research Project: "**A Dynamic Systems Analysis of the Impact of Climate Emotions on the Collectivist Behavior of Farmers in Aquatic Habitat Regions of West Azerbaijan Province**", funded by the National Science Foundation of Iran (INSF), 2024, Tarbiat Modares University.
- n) *Postdoctoral Research Supervisor*, Research Project: "**Investigating the Role and Challenges of Participatory Management in Empowering Farmers for the Utilization of Scarce Natural Resources—A Nexus-Oriented Approach in Agricultural Utilization Units of Alborz Province**", funded by the National Science Foundation of Iran (INSF), 2024, Tarbiat Modares University.

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 at 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.
- aa) Cheraghi Mahmoodabadi, S, Choobchian, S, (2018). Role of wind turbines on farm water management, 2th International Conference on Water and Environmental Engineering, Tehran, Iran, 9 August 2018.
- bb) Cheraghi Mahmoodabadi, S, Choobchian, S, (2018). Role of Educational –Extensional activities in the development of renewable energies technology, 7th National Congress on Sustainable Agricultural Extension and Education Natural Resources and Environment, Hamedan, Iran, 25-27 August 2018.
- cc) Cheraghi Mahmoodabadi, S, Choobchian, S, (2018). The Role of Wind Energy in Sustainable Development, 4th International Conference on Environmental Engineering, Focusing on Sustainable Development, Tehran, Iran, 28 February 2018.
- dd) Choobchian, S, Ebrahimi, R (2019). The role of planting medicinal plants in the empowerment of rural women, the 9th National Conference of Medicinal Plants and Sustainable Agriculture, March 2019, Hamedan, Iran.

- ee) Dalir, M, Choobchian, S (2019). Study on the necessity of the expansion of medicinal plants in the agricultural sector, the 9th National Conference of Medicinal Plants and Sustainable Agriculture, March, 2019, Hamedan, Iran.
- ff) Choobchian, S, Ebrahimi, R (2019). Investigating the role of rural women entrepreneurship in advancing the goals of resistance economics, First National Conference in Woman, employment and resistive, Tue, Oct 15, 2019.
- gg) Dalir, M, Choobchian, S (2019). Sustainable tourism and its role in environmental protection, 4th International Congress of Developing Agriculture, Natural Resources, Environment and Tourism of Iran, 14-16 August. 2019, Tabriz Islamic Art University in cooperation with Shiraz University and Yasouj University.
- hh) Esfandyari, H, Choobchian, S (2019). Carbon footprint in the tourism industry, 6th international- regional conference on climate change, National Library of Iran, 18-19 November, Tehran, Iran.
- ii) Choobchian, S, Esfandyari, H (2020). The role of conservation agriculture in healthy food production, 7th National Conference on applied research in agricultural science, Shahid Beheshti University, 15 January 2020.
- jj) Dehghani, S, Choobchian, S (2020). Renewable energy the key to sustainable food production, 7th National Conference on applied research in agricultural science, Shahid Beheshti University, 15 January 2020.
- kk) Dabbaghi, Y, Choobchian, S (2020). Carbon footprint in aquaculture; 10th National Conference on Agriculture and Sustainable Natural Resources, June 29, 2020, Tehran.
- ll) Dabbaghi, Y, Choobchian, S (2020). Promoting community-supported fisheries cooperatives a sustainable solution; 8th National Congress of Agricultural Extension and Education Sciences, Natural Resources and Sustainable Environment; October 27-28, Iranian Agricultural Extension and Education Association, Tehran.
- mm) Choobchian, S (2021). Knowledge Brokers' Role on Rural Women Empowerment; 25TH EUROPEAN SEMINAR ON EXTENSION & EDUCATION; June 21st-23rd 2021 Teagasc, Ballyhaise, Co. Cavan, Ireland. Online conference.
- nn) Farmandeh, E, Choobchian, S (2022). Actors influencing the trade of medicinal plants and their role in the sustainable development of rural communities; Feb 21st-23rd 2022, First International Congress of Medicinal Plants; Mechanization and processing.
- oo) Khalili, F, Choobchian, S (2022). The role of contract farming in the production and exploitation of medicinal plants; Feb 21st-23rd 2022, First International Congress of Medicinal Plants; Mechanization and processing.
- pp) Khalili, F, Choobchian, S (2022). The role of contract farming in rural development, 11th National Conference on Agriculture and Sustainable Natural Resources, February 5, 2010.

- qq) Khalili, F, Choobchian, S (2022). Contract farming and production of organic products; The 5th national conference of modern technologies in agriculture, Natural Resources and Environment of Iran, Tehran. <https://civilica.com/doc/1472089>
- rr) Hassanzadeh, Kambiz, Choobchian, Shahla, Karami Dehkordi, Ismail, The Role of Rural Production Cooperatives in Improving the Economic Situation of Rural Households, 11th National Conference on Sustainable Agriculture and Natural Resources, 2022-2-3.
- ss) Hassanzadeh, Kambiz, Choobchian, Shahla, Karami Dehkordi, Ismail, The Role of Rural Production Cooperatives in the Environmental and Political Development of Rural Households, 11th National Conference on Sustainable Agriculture and Natural Resources, 2022-2-3.
- tt) Sheikhi, Imaneh, Choobchian, Shahla, Bijani, Masoud, Creative House of Organic Tourism: A solution for sustainable rural development, Conference on Tourism Development in Iran; Supports and Removal Obstacles, March 9, 2022.
- uu) Sheikhi, Imaneh, Choobchian, Shahla, Bijani, Masoud, Organic agriculture: A way to achieve greater food safety, 5th national conferences on new technologies and food sciences and management of Iran, August 22, 2022.
- vv) Momenpour, Yadgar, Choobchian, Shahla, " A look at the: pro-environmental behaviors of farmers in the water-food-energy nexus", The 9th National Congress on the Extension and Education for Sustainable Agriculture, Natural Resources and Environment, Sep 6, 2022, Tabriz, Iran.
- ww) Farmandeh, Ebrahim, Choobchian, Shahla, "Content analysis of Specialized articles in the Iranian Agricultural Extension and Education Sciences journal", The 9th National Congress on the Extension and Education for Sustainable Agriculture, Natural Resources and Environment, Sep 6, 2022, Tabriz, Iran.
- xx) Ghiasi, R, Choobchian, Sh, "Investigating factors affecting the development of nomadic tourism in Iran", The 9th National Congress on the Extension and Education for Sustainable Agriculture, Natural Resources and Environment, Sep 6, 2022, Tabriz, Iran.
- yy) Niazmand, Behrouz, Choobchian, Shahla, "Community-based cultural tourism as a solution for sustainable rural development", The 9th National Congress on the Extension and Education for Sustainable Agriculture, Natural Resources and Environment, Sep 6, 2022, Tabriz, Iran.
- zz) Niazmand, Behrouz, Choobchian, Shahla, " Women's role in community-based cultural tourism and sustainable rural development ", The 9th National Congress on the Extension and Education for Sustainable Agriculture, Natural Resources and Environment, Sep 6, 2022, Tabriz, Iran.
- aaa) Bijani, M, Kashgar, H, Choobchian, Sh, Valizadeh, The role of influencing factors on the intention of agricultural students towards environmental agriculture, 7th International Conference on Agriculture & Environment with sustainable development approach, March 2023.

- bbb) Bijani, M, Kashgar, H, Choobchian, Sh, Valizadeh, investigating social factors affecting students' commitment to environmental agriculture, 7th International Conference on Agriculture & Environment with sustainable development approach, March 2023.
- ccc) Ghiasi, R, Choobchian, Sh, Akbari, E, Shokati, M, The concept, dimensions, and indices of rural livability, May 2023, The 5th National Conference on Sustainable Development in Agricultural, Natural Resources and Environment of Iran, Tehran.
- ddd) Shidaei, F, Akbari, E, Choobchian, S, Allahyar, M S, Abbasi, E, Climate change, Water management, and Food Security, National conference on knowledge-based agriculture, climate change, and food security (April 2023).
- eee) Moshtagh, Zahra, Choobchian, Shahla, Cultivation of medicinal plants as a solution to remove deprivation from rural areas of Sistan and Baluchestan, 5th National Conference of Medicinal Plants and Traditional Medicine, October 2023, Torbat Heydarieh.
- fff) Farmandeh, Ebrahim, Choobchian, Shahla, Khalighzadeh, Parvin, " Forest, Nexus and Climate Change: A Conceptual Model Compatible with Ecosystems ", the 4th International Conference and the 7th national conference on the Conservation of Environment and natural resources and the 5th national conference on forests of Iran, 25 November 2023.
- ggg) Gholamian, Melika, Choobchian, Shahla, Momenpour, Yadgar, "Nature-based solutions to deal with climate change in rural areas", The 5th National Conference on Development and Promotion of Agricultural Engineering and Soil Sciences in Society, At Iran, Tehran. 8th of April 2024.
- hhh) Gholamian, Melika, Choobchian, Shahla, "The Role of the Bactrian Camel in Ecological Restoration and Natural Solutions for Climate and Drought Challenges", 1ST International Congress of Nature-based Ecological Restoration (Emphasizing the Conservation of Bactrian Camels; 27&28 Agust; 2024, At University of Mohaghegh Ardabili.
- iii) Gholamian, Melika, Choobchian, Shahla, "The Role of Environmental Cooperatives in Providing Nature-Based Solutions to Mitigate the Impacts of Climate Change in Rural Areas", The First National Conference on Future and Environmental Sustainability; 8 October; 2024, At University of Tehran.
- jjj) Gholamian, Melika, Choobchian, Shahla, "Indicators of nature-based solutions to restore ecosystems in the face of climate change", 1st National Conference on Engineering and Management Strategies in Water Systems; 16 October; 2024, At University of Islamic Azad, Isfahan.
- kkk) Jafari, Milad, Choobchian, Shahla, " The consequences of climate change on shrimp farming and strategies to mitigate the consequences", The 3rd International and 4th National Conference on Agriculture, Environment, and Food Security, 16 April 2025, Jiroft, Iran.

- lll) Jafari, Milad, Choobchian, Shahla, “ Intelligent shrimp breeding: a solution to reduce pollution and improve environmental health”, The 3rd International and 4th National Conference on Agriculture, Environment, and Food Security, 16 April 2025, Jiroft, Iran.
- mmm) Jafari, Milad, Choobchian, Shahla, “ The role of shrimp farming in the development of coastal villages and ensuring food security”, The 3rd International and 4th National Conference on Agriculture, Environment, and Food Security, 16 April 2025, Jiroft, Iran.
- nnn) Melika Gholamian, & Shahla Choobchian. (2025, July 3). “Leveraging Agricultural Knowledge and Information Systems for Nature-Based Solutions: A pathway to sustainable and resilient farming” 27th European Seminar on Extension & Education – Vila Real (Portugal) – 30 June - 4 July 2025. available: <https://www.esee2025.utad.pt/programme-book/>.
- ooo) Choobchian, Shahla. "Designing a Regenerative Tourism Model in Kandovan: From Experientialism to Eco-Psychological Healing." National Conference on Rural Tourism with a Focus on World Tourism Villages, June 9–10, 2025, University of Tabriz, Iran.
- ppp) Jafari, Milad; Choobchian, Shahla. "Developing Coastal Rural Tourism through Identifying Aquaculture Potentials and Utilizing Marine Resources." National Conference on Rural Tourism with a Focus on World Tourism Villages, June 9–10, 2025, University of Tabriz, Iran.
- qqq) Jafari, Milad; Choobchian, Shahla. "Exploring Aquaculture Tourism in Mountainous Villages: An Unexpected Synergy for Advancing the Blue Economy." National Conference on Rural Tourism with a Focus on World Tourism Villages, June 9–10, 2025, University of Tabriz, Iran.
- rrr) Ahmadi-Yousefi, Roya; Choobchian, Shahla. "A Review of Barriers to Rural Tourism Development (Case Study: Kandovan Village)." National Conference on Rural Tourism with a Focus on World Tourism Villages, June 9–10, 2025, University of Tabriz, Iran.
- sss) Momenpour, Yadgar; Choobchian, Shahla. "The Role of Informal Education in Empowering Local Communities for Tourism." National Conference on Rural Tourism with a Focus on World Tourism Villages, June 9–10, 2025, University of Tabriz, Iran.
- ttt) Gholamian, Melika, Choobchian, Shahla, Bijani, Masoud (2025, Nov 25). ‘Crafting a Holistic Framework for Nature-based Solutions: Integrating Systems Thinking and Dynamic Modeling’, The Second National Conference on the Future and Sustainability of the Environment, Tehran university, Tehran.

Scientific Publications:

I. Journals

1. 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.
2. Kalantari, K, Asadi, A, Shabanali Fami, H, Abdolazadeh, G, Choobchian, S, Rahimzadeh, 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.
 3. 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.
 4. 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.
 5. 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.
 6. 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.
 7. 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.
 8. 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.
 9. 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, Autumn2009.

10. 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.
11. 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.
12. 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.
13. 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.
14. 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.
15. Choobchian, S, Kalantari, K, Asadi, A, Taghavi Motlagh, S, A, and Gholamhossein Hosseini nia, (2013). Comparison of different dimensions of sustainable fishing in the Parih cooperatives in Gilan ", Journal of Agricultural Economics and Development Research, Vol. 44, No. 3, Autumn 2013.
16. 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.
17. Choobchian, S, Kalantari, K, Asadi, A and Seyed Aminollah Taghavi Motlagh, (2015). Ranking cities of Guilan province in terms of sustainable management of fishing PAREH cooperatives using TOPSIS technique, Journal of Rural Studies, Vol. 5, No. 4, winter2015.
18. Choobchian, S, Kalantari, K, Asadi, A and Seyed Aminollah Taghavi Motlagh, (2015). Determining of the 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.

19. Khani, F, Choobchian, S, (2015). Women and Rural Development in Iran: Analysis of the effect of Socio-Economic changes on women's 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.
20. 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.
21. 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.
22. Kiyani, F, Farhadian, H, Choobchian, S, (2016). FOOD INSECURITY ASSESS OF URBAN HOUSEHOLD OF ALBORZ PROVINCE, *Iranian journal of food and technology*, SEPTEMBER 2016, Volume 13, Number 55, 167 - 179.
23. Kalantari, K, Choobchian, S, (2016). Choosing the most appropriate method of Compensation Natural Losses to the 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.
24. 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.
25. 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.
26. 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>.

27. 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 economics and development research, No 2, volume 48, 299-309.
28. 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.
29. Dehaghi, S, Choobchian, S, (2017). The Role of Photovoltaic Water Pumps in Development of Agricultural Sector, Journal of Solar Energy Research 24 (2017) 281-285. Journal homepage: www.jser.ut.ac.ir
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117. Gholamian Sefid-darboni, M., & Choobchian, Sh. (2025). From indigenous knowledge to ecological innovation: Nature-based patterns for natural resource sustainability. *Journal of Productivity in Agriculture and Natural Resources*, 1(1), 1-10.

8. Areas of Interest:

-  Renewable Energy Technologies for Sustainable Development

- ✚ Climate change and food security nexus
- ✚ Sustainable Agricultural and Rural Development and Management
- ✚ Participatory Approaches to Agricultural and Rural Development.
- ✚ 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.
- 4) Choobchian, S, Moumenihelali, H (2019), Multi-criteria decision making: approach of analytical hierarchy process (AHP) and application of SWOT analysis, Naghshine Ghalam, Tehran, Iran.
- 5) Choobchian, S, Moumenihelali, H (2019). Multi-Criteria Decision Making: Application of ORESTE and Integrated AHP and SWOT approach, Naghshine Ghalam, Tehran, Iran.
- 6) Choobchian, S, Moumenihelali, H, Aliloo, J (2022). Basic and Advanced Statistical Techniques: Application of SPSS Software in Social Research. Jahad Daneshgahi Publication, Khwarazmi, Karaj, Iran.
- 7) Shahla Choobchian, et al. (2024). Chapter 5. Barriers to the Deployment of Renewable Energy Technologies, Reclaiming Eden: Responsible Living, Engineering, and Architectures. Taylor & Francis Group (Routledge & CRC Press), <https://www.routledge.com/Reclaiming-Eden-Responsible-Living-Engineering-and-Architectures/Ting-Stagner/p/book/9789815129311>.
- 8) Farmandeh, Ebrahim, Choobchian, Shahla and Karami, Shobeir. "Fields of Flourish: Exploring the Interwoven Water-Energy-Food Nexus in Agricultural Communities Through

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9) Shahla Choobchian, Mahsa Motaghd, Samane Sanjabi, Chapter 3 - Navigating water challenges: A dynamic model for sustainable agriculture in Hamedan Province, Editor(s): David S.-K. Ting, Nyong Princely Awazi, Tenable Engineering for a Sustainable Future, Elsevier, 2026, Pages 67-99, ISBN 9780443405761, <https://doi.org/10.1016/B978-0-443-40576-1.00013-5>.

10) Choobchian, S., Momeni Helali, H., & Aliloo, J. (2026). *Fundamental and advanced statistical techniques: Analysis of real, complex, and multilevel data* (2nd ed.). Naghshineh Ghalam Publications, Tehran.

11. Current projects:

- a) *Water-food-energy security nexus management;*
- b) *Energy policies for sustainable development in Iran;*
- c) *Wellness tourism in rural areas;*
- d) *Community-supported aquaculture;*
- e) *Renewable energy sources and climate change mitigation.*

12. Participating in short courses & Scholarships

- ✚ “Application of Geostatistics to analyze spatially explicit survey data in an ecosystem approach” ‘2-6 December 2013 ‘ICES Training course ‘Paris. FAO Scholarship.
- ✚ “RETSscreen Expert and IREA Training”, 19-23 June 2017, York University, Toronto, Canada.
- ✚ “Food Security in a Changing Climate”, 2 November 2020 - 23 March 2021, Wageningen University, The Netherlands. MSP/MENA Scholarship.
- ✚ “Food Environments for Healthy Sustainable Diets”, 15-10-2021 - 31-12-2021), Wageningen university, The Netherlands.
- ✚ “Climate-smart fisheries and aquaculture”, FAO, 11 July 2020.
- ✚ “Agricultural Ecosystem-based Solutions ”, FAO, 29 July 2025.

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