



## 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),<br>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 2<sup>nd</sup> Conference on Rural Development, Tehran University, 2007.
- c) Management of the Weblog of 2<sup>nd</sup> 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, 6<sup>th</sup> 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, 7<sup>th</sup> 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, 7<sup>th</sup> 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, 5<sup>th</sup> 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 4<sup>th</sup> International Conference and the 7<sup>th</sup> national conference on the Conservation of Environment and natural resources and the 5<sup>th</sup> 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. 8<sup>th</sup> 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", 1<sup>ST</sup> 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) 72. 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.

uuu)

### **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, 1<sup>st</sup> 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 Pareh 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, winter 2015.
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. Kiyan, 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](http://www.jser.ut.ac.ir)
30. Ahmadyousefi, R, Choobchian, S, Chizari, M, (2017). Investigating the status of deployment of Knowledge Management Components In line of Development of Drought Crisis Management Plans, Viewpoint of agricultural beneficiaries in Kerman province, Vol. 3, Issue 11, summer 2017, P.21-40.
31. 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 2017, Page 515-534.
32. Amiri kachmei, S, Choobchian, S, (2017). Investigating Barriers of Date Export development in the South of Kerman Province, Trading Reviews, Article 6, Volume 15, 84-85, November and December 2018, Page 74-84.
33. Dehaghi, S, Choobchian, S, (2017). The Role of Photovoltaic Water Pumps in Development of Agricultural Sector, Journal of Solar Energy Research, Tehran University, 24 (2017) 281-285. Journal homepage: [www.jser.ut.ac.ir](http://www.jser.ut.ac.ir).
34. 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.
35. Momenpor, Y, Sadighi, H, and Choobchian, S, (2018). Factors Affecting Pro-Environmental Behavior of Wheat Producers in Buokan Township, Iran, Rural Development Strategies, Vol. 5, No. 1, Spring 2018, P.15-32.
36. Ghorbannezhad, M; Choobchian, S; Farhadian, H (2018). Analysis of Barriers to the Development of Renewable Energy Technologies at the Farm Level: A

- Farmer's Perspective, Journal of Rural Research, Article 11, Volume 9, Issue 2, summer 2018, Page 308-323.
37. Aliloo, J, Chizari, M, Choobchian, S, (2018). Investigation of components affecting farmers' participation in irrigation management (case of Khoy County), Rural Development Strategies, Vol. 5, No. 3, fall 2018, P.289-309.
  38. Cheraghi, S, Choobchain, S, Abbasi, E, (2019) Investigation of Entrepreneurship Development Barriers in the Field OF Renewable Energies Technologies in Developing Countries: A Case OF Iran, INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH, VOLUME 8, ISSUE 03, MARCH 2019, Page 160-170.
  39. Ghorbannezhad, M; Choobchian, S; Farhadian, H (2019). "Investigating Factors Affecting Farmer's Intention of Adopting Renewable Energy Technology in Larestan County" IRANIAN JOURNAL OF AGRICUTURAL ECONOMICS AND DEVELOPMENT RESEARCH, Volume 50, Issue 2, summer 2019, Page 347-365.
  40. Molla, M, Abbasi, E, Choobchian, S, Hajimirrahimi, D, (2019)" Factors Influencing Implementation of Lean Production Principles in Small and Medium-sized Food Enterprises of Khuzestan Province" Food Science and Technology, 16 (87), 239-253.
  41. Choobchain, S, Azam Mahmoodi Momtaz, A, Farhadian, H, (2019) "Gender Differences of Farmers In Conflict With Climate Change", INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH, VOLUME 8, ISSUE 07, JULY 2019.
  42. Mahmoodi Momtaz, A, Choobchain, S, Farhadian, H, (2019) "MEASURING THE AMOUNT OF FARMERS' RESILIENCE IN FACING CLIMATE CHANGE IN IRAN (CASE OF: HAMEDAN PROVINCE)" Plant Archives, Vol. 19, Supplement 2, 2019 pp.1698-1704.
  43. Cheraghi, S, Choobchain, S, Abbasi, E, (2019) "Factors Affecting Decision-Making Process in Renewable Energies Investment in Agricultural Sector, Iran" J. Agr. Sci. Tech. (2019) Vol. 21(Suppl.): 1673-1689.
  44. Cheraghi, S, Choobchain, S, Abbasi, E, (2020) "IMPACT OF INSTITUTIONAL PRESSURE ON INVESTMENT DECISIONMAKING PROCESS IN RENEWABLE ENERGY TECHNOLOGIES IN THE AGRICULTURAL SECTOR, IRAN" *Plant Archives* Vol. 20 Supplement 1, 2020 pp. 1743-1751.

45. Mahmoodi Momtaz, A, Choobchain, S, Farhadian, H, (2020) "Factors Affecting Farmers' Perception and Adaptation Behavior in Response to Climate Change in Hamedan Province, Iran" J. Agr. Sci. Tech. (2020) Vol. 22(4): 905-917.
46. Adel Zare, A., Chizari, M., Sadighi, H., Choobchian, S, (2020) "Developing Indicators for Farmers' Satisfaction with Extension Services in Iran Utilizing Delphi Technique" J. Agr. Sci. Tech. (2020) Vol. 22(5): 1191-1204.
47. AhmadYousefi, R., Choobchian, S., Chizari, M., & Azadi, H. (2020). The role of knowledge management in the development of drought crisis management programmes. Knowledge Management Research & Practice, 1-14. doi:10.1080/14778238.2020.1832871.
48. Ardestani, L., Choobchian, S., Sadighi, H. et al. Investigating Subjective and Objective Quality of Life in Rural Areas: the Case of Tehran Province in Iran. Applied Research Quality Life (2021). <https://doi.org/10.1007/s11482-020-09897-0>.
49. Kian, F., Farhadian, H. & Choobchian, S. Do Iranian households benefit from food according to their health characteristics? A case study from Alborz Province, Iran. J Public Health (Berl.) (2021). <https://doi.org/10.1007/s10389-021-01631-w>.
50. Molla M, Abbasi E, Choobchian S, Hajimirrahimi S D. Implementation of Lean Production Principles and Its Relationship with Performance in Small and Medium-Sized Food Industry Enterprises in Khuzestan Province, Iran. JAST. 2021; 23 (6) :1239-1253. URL: <http://jast.modares.ac.ir/article-23-41962-en.html>.
51. Momenpour Y, Choobchian S, Sadighi H, Malos C-V, Viira A-H, Kurban A, Azadi H. Factors Affecting Wheat Producers' Water Conservation Behavior: Evidence from Iran. *Water*. 2021; 13(22):3217. <https://doi.org/10.3390/w13223217>.
52. Dehhaghi, S.; Choobchian, S.; Ghobadian, B.; Farhadian, H.; Viira, A.-H.; Stefanie, H.I.; Van Passel, S.; Azadi, H. Five-Year Development Plans of Renewable Energy Policies in Iran: A Content Analysis. *Sustainability* 2022, 14, 1501. <https://doi.org/10.3390/su14031501>.
53. Saffari, H.; Farhadian, H.; Sadighi, H.; Choobchian, S.; Abbasi, E.; Strategic Analysis of Entrepreneur University of Applied Sciences and Technology in Agricultural Sector, 2022, J. Agr. Sci. Tech. (2022) Vol. 24(3): 521-535.
54. Ebrahimi, R., Choobchian, S., Farhadian, H. et al. Investigating the effect of vocational education and training on rural women's empowerment. *Humanit Soc Sci Commun* 9, 167 (2022). <https://doi.org/10.1057/s41599-022-01187-4>.

55. Dehghani, S., Choobchian, Sh., Ghobadian, B. and Farhadian, H., "Policy model of renewable energy development in Iran's agriculture sector", *Journal of Renewable Energy and Environment (JREE)*, Vol. 9, No. 2, (2022), 93-106. (<https://doi.org/10.30501/jree.2022.311064.1273>).
56. Dehghani, S., Choobchian, Sh., Ghobadian, B. and Farhadian, H., "Policy model of renewable energy development in Iran's agriculture sector", *Journal of Renewable Energy and Environment (JREE)*, Vol. 9, No. 2, (2022), 93-106. (<https://doi.org/10.30501/jree.2022.311064.1273>).
57. Haghjoo, R., Choobchian, S., Morid, S., & Abbasi, E. (2022). Development and validation of management assessment tools considering water, food, and energy security nexus at the farm level. *Environmental and Sustainability Indicators*, 16, 100206.
58. Choobchian, S., Haghjoo, R., Morid, S., & Abbasi, E. (2022). Indicators of water, food and energy security Nexus approach in agriculture: Application of content analysis. *Iranian Journal of Agricultural Economics and Development Research*.
59. Dabaghi, Y., Choobchian, S., Sadighi, H., & Azadi, H. (2022). Consumers' attitude toward participation in community-supported aquaculture: a case of Kurdistan province in the west of Iran. *Journal of Environmental Studies and Sciences*, 12(4), 870-889.
60. Örüçü, Ö.K., Azadi, H., Arslan, E.S. et al. Predicting the distribution of European Hop Hornbeam: application of MaxEnt algorithm and climatic suitability models. *Eur J Forest Res* (2023). <https://doi.org/10.1007/s10342-023-01543-2>.
61. Hassanzadeh, K., Choobchian, S., Karami dehkordi, E., & Momenpor, Y. (2023). The role of rural production cooperatives in improving rural households' welfare in the Miandoab Township. *Co-Operation and Agriculture*, 12(45), 1-20. doi: 10.22034/ajcoop.2023.318707.1753.
62. Esfandyari, H., Choobchian, S., Momenpour, Y. et al. Sustainable rural development in Northwest Iran: proposing a wellness-based tourism pattern using a structural equation modeling approach. *Humanit Soc Sci Commun* 10, 499 (2023). <https://doi.org/10.1057/s41599-023-01943-0>.
63. Zhang, Z., Ghazali, S., Miceikienė, A., Zejak, D., Choobchian, S., Pietrzykowski, M., & Azadi, H. (2023). Socio-economic impacts of agricultural land conversion: A meta-analysis. *Land Use Policy*, 132, 106831. <https://doi.org/10.1016/j.landusepol.2023.106831>.



64. Asgharzadeh, S., Abbasi, E., & Choobchian, S. (2023). Determinants of Satisfaction and Loyalty of Rural Tourists towards Ecotourism Residences in Guilan Province. *Village and Development*, 26(1), -. doi: 10.30490/rvt.2023.354731.1365.
65. Khosravani, F., Abbasi, E., Choobchian, S., & Jalili Qazizadeh, M. (2023). Deriving Objectives for Sustainable Food Waste Management: Analysis of Upstream Documents. *Journal of Environmental Studies*, doi: 10.22059/jes.2023.356576.1008394.
66. Motaghed, M., & Choobchian, S. (2024). Investigating and identifying indicators of water security in agricultural farming units of Hamedan province. *Iranian Journal of Agricultural Economics and Development Research*, 55(2), 331-349. doi: 10.22059/ijaedr.2023.358622.669217.
67. Sheikhi, I., Choobchian, S. & Bijani, M. Towards the organic agriculture development: a strategic analysis in Northern Iran. *Org. Agr.* (2023). <https://doi.org/10.1007/s13165-023-00445-2>.
68. Ardestani, L., Choobchian, S., Sadighi, H. et al. Investigating the Quality of Life in Rural Areas on the Outskirts of Metropolises: Application of World Health Organization Standard Questionnaire. *Int. Journal of Com. WB* (2024). <https://doi.org/10.1007/s42413-023-00203-y>.
69. Pariab, J., Abbasi, E., Sadighi, H., Choobchian, S., & Hosseinzadeh Sahafi, H. (2024). Identifying Attractive Fisheries-Tourism Activities in the Caspian Sea Coastline: Using Delphi Technique. *Journal of Agricultural Science and Technology*, 41-56.
70. Choobchian, S., Hassanzadh, K., Karami Dehkordi, E., & Motaghed, M. (2023). Investigating the components of improving the welfare of rural households that are members and non-members of rural production cooperatives in Miandoab city. *Village and Development*, -. doi: 10.30490/rvt.2023.362173.1523.
71. Khosravani, F., Abbasi, E., Choobchian, S., & Jalili Ghazizade, M. (2023). A comprehensive study on criteria of sustainable urban waste management system: using content analysis. *Scientific Reports*, 13(1), 22526.
72. Farsani, E. D., Choobchian, S., & Naghani, M. S. (2024). Unlocking Agricultural Innovation: A Roadmap for Growth and Sustainability. *Journal of the Knowledge Economy*, 1-21.

73. Farsani, E. D., Choobchian, S., & Naghani, M. S. (2024). Comprehensive Identification, Localization, and Validation of Innovation Measurement Indices at the Farm Level in Iran. *Frontiers in Sustainable Food Systems*, 8, 1365687.
74. Pariab, J., Abbasi, E., Sadighi, H., Choobchian, Sh. & Homayoun Hosseinzadeh Sahafi, H. (2023). Investigating the intention of beach seine cooperatives fishermen to participate in fisheries tourism in the Caspian Sea Coastline. *Iranian Journal of Agricultural Economics and Development Research*, 54-2 (4), 761-788. DOI: <https://doi.org/10.22059/ijaedr.2023.362361.669238>.
75. Momenpour, Y., & Choobchian, S. (2024). Analyzing participatory-health behavior to counter future epidemics: Examining the impact of bystander effect. *International Journal of Disaster Risk Reduction*, 104415. <https://doi.org/10.1016/j.ijdr.2024.104415>.
76. Haghjoo, R., Choobchian, S. & Abbasi, E. Unveiling energy security in agriculture through vital indicators extraction and insights. *Sci Rep* 14, 8626 (2024). <https://doi.org/10.1038/s41598-024-59273-3>.
77. Khalili, F., Choobchian, S. & Abbasi, E. Investigating the factors affecting farmers' intention to adopt contract farming. *Sci Rep* 14, 9670 (2024). <https://doi.org/10.1038/s41598-024-60317-x>.
78. Momenpour, Y., Sadighi, H., Choobchian, S. et al. Towards predicting the pro-environmental behavior of wheat farmers by using the application of value-belief-norm theory. *Environ Dev Sustain* (2024). <https://doi.org/10.1007/s10668-024-04865-2>.
79. Motaghed, M., & Choobchian, Sh. (2024). Examining experts' views on challenges in managing water security risks in farming exploitation units of Hamedan province. *The Quarterly Journal of Insurance & Agriculture*, 13(1), 69-87. <http://journal.sbkiran.ir/article-1-263-fa.html>.
80. Choobchian, S., Hassanzadh, K., Karami Dehkordi, E., & Motaghed, M. (2024). Investigating the components of improving the welfare of rural households that are members and non-members of rural production cooperatives in Miandoab City. *Village and Development*, 27(1), -. doi: 10.30490/rvt.2023.362173.1523.
81. Momenpour, Y., Choobchian, S., & Haji, L. (2024). Farmers' intention to adopt low-carbon agricultural technologies to mitigate climate change. *Environmental and Sustainability Indicators*, 100432.
82. Dalir, M., Choobchian, S., Abbasi, E., Fauconnier, M. L., Dogot, T., Värnik, R., & Azadi, H. (2024). Impact of medicinal plant cultivation on rural livelihoods: the case of South Khorasan Province in Iran. *Environment, Development and Sustainability*, 1-27.
83. Jafari, M., Andik, B., Mianabadi, H., Ghorbani, A., Nasri Fakhredavood, S., Choobchian, S., & Mirhashemi Dehkordi, S. S. (2024). Water conflict analysis in a changing context: A qualitative systematic review of trends, patterns, and approaches in Iran. *World Water Policy*, 1–35. <https://doi.org/10.1002/wwp2.12212>.
84. Haji, L., Momenpour, Y., & Choobchian, S. (2024). Moving toward salvaging Iran's groundwater: A psychological analysis of blocking unauthorized agricultural wells. *Agricultural Water Management*, 303, 109035. <https://doi.org/10.1016/j.agwat.2024.109035>.

85. Sheidaei, F., Akbari E., Choobchian, S., Allahyari, M.S., Abbasi, E. (2024). Research on the participatory decision-making process of water resources management. *Journal of Range & Watershed Management*, 77 (2), 171-190. DOI: <http://doi.org/10.22059/jrwm.2024.370152.1738>  
(PDF) Research on the participatory decision-making process of water resources management. Available from: [https://www.researchgate.net/publication/384233607\\_Research\\_on\\_the\\_participatory\\_decision-making\\_process\\_of\\_water\\_resources\\_management](https://www.researchgate.net/publication/384233607_Research_on_the_participatory_decision-making_process_of_water_resources_management).
86. Choobchian, Sh., Dalir, M., Abbasi, E., & Momenpour, Y. (2024). Gender Analysis of Medicinal Plant Cultivation from the Aspect of the Security of Livelihood Capitals. *International Journal of Agricultural Management and Development*, 14(1), 2306-1789.
87. Motaghed, M., & Choobchian, S. (2024). Analyzing Indicators of Adaptive Capacity of Agricultural Units in Water Insecurity Conditions in Hamedan Province. *Journal of Water and Sustainable Development*, 11(2), 1-14. doi: 10.22067/jwsd.v11i2.2402-1312.
88. Farmandeh, E., Choobchian, S. & Karami, S.(2024). Conducting water-energy-food nexus studies: what, why, and how. *Sci Rep* 14, 27310 (2024). <https://doi.org/10.1038/s41598-024-79214-4>.
89. Dehghani S, Choobchian S, Azadi H .(2024). Measurement and Comparison of Different Dimensions of Renewable Energy Policy Implementation in the Agricultural Sector, *Socioeconomic Planning Sciences*, <https://doi.org/10.1016/j.seps.2024.102106>.
90. Abed Adheem Thamer, Choobchian S, & Abbasi, E. (2024). Identifying the fundamental elements of knowledge management for fostering sustainable agriculture. *Euphrates Journal of Agricultural Science*, 16(1). Available at: <https://iasj.rdd.edu.iq/journals/uploads/2025/07/14/a4aaf46f669f0b3246465eef8254c268.pdf>.
91. Javanmardi, J., Goli, I., Choobchian, S., Värnik, R., Ghazali, S., Miceikienė, A., ... & Azadi, H. (2024). Public Preferences and Attitude Toward Organic Vegetables: The Case of Iranian Consumers. *International Journal of Gastronomy and Food Science*, 101094.
92. Dalir, M., Choobchian, S., & Abbasi, E. (2025). Identifying the relative importance of cultivating medicinal plants in improving rural livelihoods. *Environmental Development*, 101159. <https://doi.org/10.1016/j.envdev.2025.101159>.
93. Khosravani, F., Abbasi, E., Choobchian, S., & Ghazizade, M. J. (2025). Optimizing Food Waste Management in Tehran: A SWOT Analysis and Strategic Recommendations. *Heliyon*. <https://doi.org/10.1016/j.heliyon.2025.e42474>.
94. Choobchian, S., Motaghed, M. Ripples of change: exploring water security in farming systems—insights from Hamedan province, Iran. *Sustain. Water Resour. Manag.* 11, 36 (2025). <https://doi.org/10.1007/s40899-025-01219-2>.
95. Yadgar Momenpour, Shahla Choobchian, Hassan Sadighi, Understanding Wheat Farmers' Intentions Regarding the Adoption of Integrated Pest Management, *Sustainable Futures* (2025), <https://doi.org/10.1016/j.sftr.2025.100866>.






96. Farmandeh, E., Choobchian, S. & Karami, S. Decoding the water-energy-food nexus: validating indicators amidst climate change and agro-societal shifts. *Discov Sustain* 6, 522 (2025). <https://doi.org/10.1007/s43621-025-01357-9>.
97. Momenpour, Y., and Choobchian, S. (2025). Emotional climate: A bibliometric analysis of the psychological consequences of climate change. *Front. Psychol.* 16:1521771. doi: [10.3389/fpsyg.2025.1521771](https://doi.org/10.3389/fpsyg.2025.1521771).
98. Akbari, Z., Imani, B., Pourramzan, E., Choobchian, S., Siamian, N., Sklenička, P., ... & Azadi, H. (2025). How to protect productive lands to ensure food security: The case of Northern Iran. *Land Use Policy*, 158, 107685. <https://doi.org/10.1016/j.landusepol.2025.107685>.
99. Abed, T. A., Choobchian, S., & Abbasi, E. (2025). From Data to Wisdom: Revolutionizing Agricultural Sustainability through Knowledge Management in Najaf, Iraq. *Environmental and Sustainability Indicators*, 100846. <https://doi.org/10.1016/j.indic.2025.100846>.
100. Khosravani F, Abbasi E, Choobchian S. A Study on the behavioural pattern of sustainable municipal food waste management in Tehran. *Iranian Journal of Health and Environment*. 2025;18(2):297-316.
101. Gholamian sefidarbonei, M. and Choobchian, S. (2025). Synergy of Good Governance and Participatory Planning in the Implementation of Nature-Based Solutions: A Framework for Sustainable Development. , 2(1), 64-75. doi: [10.22059/jnrg.2025.401712.1050](https://doi.org/10.22059/jnrg.2025.401712.1050).
102. Ghiyaasi, R., Choobchian, S., Akbari, E. and Shokati, M. (2025). The role of nomadic tourism in the promotion of livability processes and the improved quality of life in nomadic societies in Chaharmahal and Bakhtiari province. *Sociological Review*, 32(1), 219-240. doi: [10.22059/jsr.2024.369381.1924](https://doi.org/10.22059/jsr.2024.369381.1924).
103. Ramezani Darvish Kheil, A. , Shokati Amghani, M. and Choobchian, S. (2025). Dehyaries Challenges in Controlling Rural Construction in Mazandaran Province. *The Journal of Spatial Planning and Geomatics*, 29(1), 76-98.
104. Momenpour, Y., & Choobchian, S. (2025). The moderating role of organizational attachment in enhancing low carbon consumption behaviors in the workplace. *Results in Engineering*, 107767. <https://doi.org/10.1016/j.rineng.2025.107767>.
105. Izadi, H., Choobchian, S., Bijani, M., & Momenpour, Y. (2025). Toward the wetlands geo-tourism development: A strategic planning for rural people's economic benefit. *Journal for Nature Conservation*, 127148. <https://doi.org/10.1016/j.jnc.2025.127148>.
106. Motaghed, M. and Choobchian, S. (2025). strategies to improve water security from the perspective of experts in agricultural farming units in Hamedan province. (e733270). *Journal of Rural Development and Extension Studies*, 3(2), e733270 doi: [10.30470/jrdes.2025.2068991.1089](https://doi.org/10.30470/jrdes.2025.2068991.1089)

### **Magazines**

107. 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.

108. 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
109. 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.
110. Asadi, A, Choobchian, S. (2010), Prologue to Value Engineering, Rahborde-E-Yas Magazine (2010), No 23, Autumn 2010, ISSN 1735-2460, Pp 164-183.
111. 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>.
112. Cheraghi Mahmoodabadi, S, Choobchian, S, (2018). Identifying the Barriers to Entrepreneurship Development in the Field of Renewable Energies in Agriculture sector, Iran, Journal of Entrepreneurial Strategies in Agriculture Vol. 4, No. 8, 23-31.
113. Ahmadyoosefi, R., Choobchian, S., Chizari, M. (2021). Investigating the Implementation of Drought Crisis Management Programs in Kerman Province. *Journal of Emergency Management*, 10(2), 157-166.

## **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>.

## **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.

**13. E-mail:**

- shchoobchian@modares.ac.ir
- Choobchian @ ut.ac.ir
- shchoobchian@gmail.com
- [dr.choobchian@gmail.com](mailto:dr.choobchian@gmail.com)
- shahlachoobchian@gmail.com