

CURRICULUM VITAE

Esmail Karamidehkordi

Associate Professor of Agricultural Extension and Rural Development:
Systemic Studies in Agricultural Knowledge Systems and Sustainable Natural Resources Management
BSc (Shahid Chamran University, Iran), MSc (Tarbiat Modares University, Iran), PhD (University of Reading, UK)

Date/Place of birth: 1972, Iran

Nationality: Iranian

New address:

Agricultural Extension and Education Department
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Jalal AleAhmad Road
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Previous address:

Department of Agricultural Extension, Communication and Rural Development, Faculty of Agriculture, University of Zanjan, Zanjan, Iran

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Dr. Esmail Karamidehkordi obtained his BSc and MSc degrees on “Agricultural Extension and Education” from Shahid Chamran University and Tarbiat Modares University in Iran in 1996 and 1999, respectively. He also got research, practice and planning programme experience in Iran's rural areas and extension and rural development institutions in 1999-2002. Then he continued his PhD on Agricultural Extension and Rural Development, in the field of Systemic Studies in Agricultural Knowledge Systems and Sustainable Natural Resources Management at the University of Reading in the United Kingdom between 2003 and 2007 and involved in postdoctoral research on an international research project on capacity building of agricultural cooperatives in Ethiopia. He started his career as an assistant professor in the Department of Agricultural Extension, Communication and Rural Development, Faculty of Agriculture at the University of Zanjan in Iran in February 2008 and was promoted as an associate professor in this university in 2013. He has continued his career in the Agricultural Extension and Education Department at Tarbiat Modares University since October 2020.

His research and education advance studying socio-ecological systems, human-environment relationships, sustainable natural resources (biodiversity, land and water) management, systems thinking in sustainable agriculture and development, and participatory natural disaster management in rural areas. He also examines knowledge and innovation systems in agricultural and rural development; innovation and communication in sustainable development emphasizing social network analysis; rural livelihood systems analysis and capacity building; institutional analyses in sustainable development; integrated and participatory watershed management; policy and strategy

analyses of sustainable development and natural resource management; and project management and evaluation of extension and rural development activities.

In addition to the abovementioned research and education activities at provincial, national and international levels, he has supervised over 50 master and PhD theses. The students who have been graduated under his supervision have been able to obtain career positions as instructors, researchers and experts in different relevant situations. He has been involved in development projects as a researcher and facilitator in rural areas and has been active in disseminating knowledge and information through publishing results in national and international journals, conferences, books and other mass media. He has also been involved in relevant national and international communities as an active member or member of steering committees and has participated in reviewing papers of national and international journals, organizing international and national conferences and workshops.

He was the head of the Department of Agricultural Extension, Communication and Rural Development at the University of Zanjan between 2011 and 2013 and the Director of International Scientific Cooperation of this university in 2013-2019. He was appointed as the Director Generale of Agricultural Knowledge and Technology Extension, Ministry of Agriculture Jihad between September 2019 and October 2020. He has been the National contact person and the Focal Point of the Communication, Education and Public Awareness (CEPA) in the Convention of Biological Diversity; the Iran's NCP of European Union's Horizon 2020 on Food security, sustainable agriculture, marine and maritime research and the bio-economy; & Biotechnology; the focal point of the hub of United Nations Academic Impact on Sustainable Development Goal (SDG) 15; and the member of Steering Committee of the UI Greenmetric World University Ranking (on Sustainable Development in Higher Education Institutions). He has also been Iran's delegate, negotiator and expert in the 3rd, 4th and 5th Open-Ended Meeting of Working Group and the Informal Group Meeting on the Post 2020 Global Biodiversity Framework and the Conference of Parties (COP15), the Convention on Biological Diversity of UNEP, held in Geneva, Beijing, Nairobi and Montreal. He was one of the lead authors of IPBES Transformative Change Assessment. As one of the lead authors, he has also involved in IPBES Second Global Assessment of Biodiversity and Ecosystems Services since 2025. Furthermore, he acts as one of the steering committee members of Iranian Agricultural Extension and Education Association and the European Seminar of Education and Extension.

EDUCATION and QUALIFICATIONS

2003- 2007	PhD: Knowledge and Information Systems in Natural Resource Management and Agriculture (International and Rural Development Department, the University of Reading, UK)
1996- 1999	MSc: Agricultural Extension and Education (Tarbiate Modares University, Iran)
1992- 1996	BSc: Agricultural Extension and Education (Shahid Chamran University, Ahwaz, Iran)
1986- 1990	Secondary Education Diploma, Natural and Empirical Science (Shahid Beheshti high school in Shahrekord)

PROFESSIONAL EXPERIENCES

2025- Continue	Lead author for IPBES Second Global Assessment of Biodiversity and Ecosystems Services
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2022–2024	Lead author for transformative change assessment) (EM/2021/17) in IPBES: the thematic assessment of the interlinkages among biodiversity, water, food and health (nexus assessment) and/or thematic assessment of the underlying causes of biodiversity loss and the determinants of transformative change and options for achieving the 2050 Vision for Biodiversity
2015–Continue	National Coordinator and Steering Committee/ Board Member of the GreenMetric World University Ranking Network
2021–Continue	Expert and reviewer of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)
2020–Continue	Associate Professor of Agricultural Extension and Rural Development, Agricultural Extension and Education Department, Faculty of Agriculture, Tarbiat Modares University, Iran
2019–2020	Director General of Extension of Agricultural Knowledge and Technology, Ministry of Agriculture Jihad, Iran
2018–2023	The International Focal Point of the SDG 15 Hub of the United Nations Academic Impact (UNAI)
2019–2023	The National Focal Point of the Communication, Education and Public Awareness (CEPA) for the Convention on Biological Diversity
2019–2021	Iran’s NCP of European Union’s Horizon 2020 on Food Security, Sustainable Agriculture, Marine and Maritime Research and the Bio-economy; & Biotechnology
2013- 2020	Director of International Scientific Cooperation Office, the University of Zanjan, Iran
2011- 2013	Head of Agricultural Extension, Communication and Rural Development Department (Former Agricultural Extension and Education Department), the University of Zanjan
2008- 2020	Associate Professor of Agricultural Extension, Communication and Rural Development Department, University of Zanjan, Iran
2007-2008	Research Officer for Agricultural Cooperatives in Ethiopia, Graduate Institute of International Development and Applied Economics, the University of Reading, the UK
2007-2007	Data analysis and charting and research reporting in Andrew Lester and Associates Company, Wallingford, the UK
2000-2002	Teaching In-Service Training Courses of Extension Staff of Agricultural Jihad Ministry, Iran
2000-2002	Research and Planning Programme in the Extension of Natural Resource Management and Watershed Management, Deputy of Extension and Farming Systems, Ministry of Agricultural Jihad, Iran
1996-1999	Participation in “Plan of Development of Agricultural Extension System in Iran”, Deputy of Extension and People Participation, Ministry of Agricultural Jihad, Iran

PROFESSIONAL ASSOCIATIONS

2023-Continue	Steering Committee/ Board Member of Iranian Agricultural Extension and Education Association, Iran
2021–Continue	The Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)
2021–2023	The Member of Indigenous Knowledge Committee for Iran’s Convention on Biological Diversity
2019–2023	Chair of the Informal Advisory Committee of the Communication, Education and Public Awareness (CEPA) for Iran’s Convention on Biological Diversity
2019–2023	Steering Committee of Iran’s Convention on Biological Diversity
2015–Continue	Steering Committee/ Board Member of the GreenMetric University Ranking
2010–2023	Steering Committee/ Board Member of Asia and Pacific Islands Rural Advisory Services (APIRAS)
2010–2016	International Committee Chair of Iranian Agricultural Extension and Education Association, Iran
2010-2016	Steering Committee/ Board Member of Iranian Agricultural Extension and Education Association, Iran
2010–Continue	Affiliate Member of Global Forum for Rural Advisory Services (GFRAS)
2008–Continue	Member of Rural Development Society, Iran
2008–Continue	Member of the <i>International Sustainable Development Research Society</i> (ISDRS)

2007-2008	Member of the Association of International Network for Social Network Analysis
2004-2008	Member of United Kingdom Systems Society (UKSS), UK
1994-Continue	Member of Iranian Agricultural Extension and Education Association, Iran

EDITORIAL BOARD MEMBER OF INTERNATIONAL JOURNALS

- Rural Extension and Innovation Systems Journal, APEN, Australia

INTERNATIONAL JOURNAL REVIEWER

- Journal of Environmental Management, Elsevier, US
- Agricultural Systems, Elsevier, UK
- Climatic Change, Springer, Netherlands
- Climate Policy, Taylor and Francis Ltd., UK
- Regional Environmental Change, Springer, Germany
- Journal of Agricultural Education and Extension, Taylor and Francis Ltd., UK
- Journal of Career Development, SAGE Publications Inc., US
- Wetlands, Springer, Netherlands
- International Journal of Sustainability in Higher Education, Emerald Publishing Limited, UK
- Groundwater for Sustainable Development, Elsevier, Netherlands
- Environment, Development and Sustainability, Springer, Netherlands
- Journal of Cleaner Production, Elsevier, UK
- Journal of Agricultural Research, Shiraz University, Iran
- Journal of Agri. Scientific Technology (JAST), Tarbiat Modares University, Iran

PERSIAN PUBLISHED JOURNAL REVIEWER

- Environment and Interdisciplinary Development
- Journal of Agricultural Extension and Education Sciences
- Village and Development
- Research and Sazandegi
- Agricultural Economics and Rural Development
- Iranian Journal of Agricultural Economics and Development Research
- Modern Technology in Agriculture
- Journal of Agricultural New Knowledge
- Journal of Agricultural Research
- Journal of Agricultural Education Administration Research
- Iranian Journal of Forest and Range Protection Research
- Agricultural Extension and Education Research

ORGANIZING INTERNATIONAL CONFERENCES

- 2025: Scientific Committee member, the 27th European Seminar on Extension and Education, Vila Real, Portugal, June 30-July 4, 2025
- 2023: Scientific Committee member, the 26th European Seminar on Extension and Education, INRAE & University of Toulouse, France, 10-13 July 2023
- 2021: Scientific Committee member, the 25th European Seminar on Extension and Education, Teagasc Ballyhaise Agricultural College, Cavan, Ireland, 21-23 June 2021
- 2020: Scientific Committee Chair, the 6th International Workshop and Conference of UI Greenmetric World University Rankings, the University of Zanjan, 13-15 October 2020
- 2019: Scientific Committee member, the 24th European Seminar on Extension and Education, Acireale, Italy, June 18-21, 2019
- 2017: Scientific Committee member, the 23rd European Seminar on Extension and Education, Chania, Greece, July 4-7, 2017
- 2015: Scientific Committee member, the 22nd European Seminar on Extension and Education, Wageningen, Netherlands, July 2015
- 2014: Scientific Steering Committee Chair: The First International Conference of the APIRAS & the Fifth Congress of Extension and Education in Agriculture and Natural Resources Management:

“Facilitating Information and Innovations for Empowering Family Farmers”, 2-4 September 2014, University of Zanjan, Iran

- 2013: Scientific Committee member, the 21st European Seminar on Extension and Education, Antalya, Turkey, August, 2013
- 2011: Scientific Committee member, The 1st International Conference on Cooperative Social, Economic and Cultural Capabilities, 16-17 April 2011, Kish Island, Iran
- 2006: Scientific Committee Chair, 14th Multi-Disciplinary Iranian Researchers Conference in Europe (IRCE) 9 September 2006, the University of Reading, UK
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ORGANIZING NATIONAL CONFERENCES

- 2024: Scientific Committee member, The 10th National Congress of Extension and Education for Sustainable Agriculture, Natural Resources and Environment: Participation, Innovation and Knowledge-based Agricultural Development, 29-30 October 2024, College of Agriculture and Natural Resources of the University of Tehran, Karaj, Iran
- 2022: Scientific Committee member, The 9th National Congress of Extension and Education for Sustainable Agriculture, Natural Resources and Environment, 6-8 September 2022, Tabriz University, Tabriz, Iran
- 2020: Scientific Committee member, The 7th National Congress of Agricultural Extension and Education Sciences, Natural Resources and Sustainable Environment, 27-29 October 2020, Iranian Agricultural Extension and Education Association, Tehran, Iran
- 2018: Scientific Committee member, The 7th National Congress of Extension and Education in Agriculture and Natural Resources, August 2018, University of Bu Ali Sina, Hamedan, Iran
- 2016: Scientific Committee member, The Sixth National Congress of Extension and Education for Agriculture and Natural Resources Management, October 2016, University of Shiraz, Shiraz, Iran
- 2013: Organizing Committee member, The First International Conference on Mining, Mineral Processing, Metallurgical and Environmental Engineering (ICME2013), University of Zanjan, Iran
- 2013: Organizing Committee member, The 8th International Conference of Iranian Society for the Promotion of Persian Language and Literature, September 2013, University of Zanjan, Iran
- 2012: Scientific Committee member, The Fourth National Congress of Agricultural Extension and Education 19-20, September 2012, University of Tehran, Karaj, Iran
- 2012: Organizing Committee member, National Conference on Agricultural Capitals and potentials management, 1-2 November 2012, University of Zanjan, Iran
- 2011: Scientific Committee member, The First Congress of Modern Agricultural Sciences and Technologies 10-12 September 2011, University of Zanjan, Iran
- 2011, Second National Sustainable Rural Development, 2011, Bu Ali Sina University, Hamedan, Iran

LANGUAGES

Iranian (Native Language)

English (proficiency level)

Arabic (poor)

French (poor)

GRADUATE AND POSTGRADUATE STUDENT THESIS SUPERVISION

56 BSc Student Thesis Supervision

32 MSc Student Thesis Supervision

18 MSc Student Thesis Co-Supervision

8 PhD Student Thesis Supervision

8 PhD Student Thesis Co-Supervision

RESEARCH PROJECTS (PROJECT MANAGER OR PROJECT PARTNER)

Years	Title
2025-2028	IPBES Second Global Assessment of Biodiversity and Ecosystems Services
2023-2025	Studying and redesigning the business model of fruit and vegetable fields management organization based on position and capacities
2022-2024	IPBES Transformative Change Assessment
2021–2023	Initial Design for reviewing and reforming the processes of identifying, selecting and introducing Model Farmers in Agriculture in Iran
2021–2023	Role of Iran’s Agricultural Extension System in Preventing the COVID-19 Outbreak in Rural and Nomadic Communities
2019–2022	Field study of strategies to improve agricultural water use efficiency at different levels (Case study: Zanjan Province)
2019-2022	Assessing Attitudes of Agricultural and Natural Resources Faculty Members of Urmia University toward Extension Activities
2018-2021	Designing a strategic program for integrated and participatory development of Arpachai area in the Zanjan Province
2018-2020	Participation of rural communities in post-disaster reconstruction, lesson learned from 2000s earthquake reconstruction
2018-2020	Capacity Building of Rural Communities and facilitating institutional integration of practitioners in Natural Resources and Watershed Management Projects in the Zanjan Province using the National Development Fund
2016-2016	Sustainable Rural Development in the Mohammadabad Village
2013-2015	Understanding the capacities and needs of rural communities for the integrated and participatory watershed management in the Ghezeltape Watershed, Zanjan Province
2010-2012	Analyzing Rural Communities’ Participation in Post-Disaster Reconstruction and Methods of Promoting Participation
2010	Investigating Human and Social Factors Influencing Bread Waste Produced by Baking Process in Zanjan City
2009-10	Readability Analysis of Agricultural Extension Publications Produced for Farmers
2007	Research Officer: Desk work research on Agricultural Cooperatives in Ethiopia
2002	Researcher: Progressive Pasture Farmers’ Impact in “Farmer to Farmer Extension Approach” in Iran
2002	Researcher: Agricultural Knowledge and Information Systems Analysis in Iran
2001-2002	Researcher and Project Manager: Educational Need Assessment of Rural Peoples on Watershed Management (Natural Resource Management) and Improving Extension in Iran.
2001	Researcher: A Case Study of Shemiranat Group as an NGO in Rural Development.
1999	Researcher: Agricultural Researchers’ Attitude Towards Participation with Extension Workers and Farmers in Iran (MSc thesis)
1999	Research Assistant: Collaboration in Project of Local and Technical Leaders’ Impact on Rural Extension in Iran
1998	Research Assistant: Collaboration in the Evaluation of Agricultural Extension Systems in Iran
1996	Researcher: Farming Systems of Isfahani Vegetable Farmer Groups and Their Impact on Rural Life of Khuzestan Province, Iran
1995	Researcher and Project Manager: Farmers’ Attitude towards Development of Farming Systems in Shahrekord Farms, Iran

PHD THESIS

Karamidehkordi, E. (2007). Knowledge and Information Systems in Watershed Management: A Study of Bazoft Watershed and Relevant Institutions in Chaharmahal and Bakhtiari Province, Iran. International and Rural Development Department, the University of Reading, UK

M.SC. THESIS

Karamidehkordi, E. (1999). Agricultural Researchers' Attitude Towards Participation with Extension Workers and Farmers. Agricultural Extension and Education Department, Tarbiat Modares University (Persian).

PUBLICATIONS

BOOKS

1. Karimi, V., **Karamidehkordi, E.**, Farhadian, H., Hallaj, Z., Rahmani, S., & Karimi, M. (2025). Chapter 17 - International and national water policies and regulations between various principalities under climate change. In S. A. Bandh, F. A. Malla, & A. Halog (Eds.), *Water Use Efficiency, Sustainability and The Circular Economy* (pp. 239-255). Elsevier. <https://doi.org/10.1016/B978-0-443-26749-9.00020-X>
2. Frantzeskaki, N., Lambertucci, S., Carr, E., Dempsey, J., **Karamidehkordi, E.**, Sengupta, A., Rojas Marchini, F., Vogel, C., Andriamahefazafy, M., Boonstra, W., Espinoza-Cisneros, E., Garcia, K., Morita, K., Nelson, V., Ojeda, D., Plieninger, T., Stirling, A., Tokunaga, K., Chen, R., Metzger, J.-P., Smith, P., and Guibal, C. (2025). Chapter 4: Overcoming the challenges of achieving transformative change towards a sustainable world. In: Thematic Assessment Report on the Underlying Causes of Biodiversity Loss and the Determinants of Transformative Change and Options for Achieving the 2050 Vision for Biodiversity of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services. O'Brien, K., Garibaldi, L., and Agrawal, A. (eds.). IPBES secretariat, Bonn, Germany. DOI: <https://doi.org/10.5281/zenodo.11382246>
3. **Karamidehkordi, E.**, Karimi, V., Singh, G. & Naderi, L. (2024). Chapter 16- Water conflicts and sustainable development: Concepts, impacts and management approaches. In Suhaib A. Bandh and Fayaz A. Malla (eds.), *Current Directions in Water Scarcity Research, Volume 8, Water Footprints and Sustainable Development*. Elsevier Inc., 2024, Pages 233-244 <https://doi.org/10.1016/B978-0-443-23631-0.00016-9>
4. Karimi, V., **Karamidehkordi, E.** & Tan, Y. (2024). Chapter 15- Water governance, climate change adaptation, and sustainable development: A future perspective. In Suhaib A. Bandh and Fayaz A. Malla (eds.), *Current Directions in Water Scarcity Research, Volume 8, Water Footprints and Sustainable Development*. Elsevier Inc., 2024, Pages 219-232, <https://doi.org/10.1016/B978-0-443-23631-0.00015-7>
5. **Karamidehkordi, E.**, Gholami, H., Peyroshabani, M., Baikverdi, S., Zeyae, Gh., Ghasemi, J. (2022). On-farm Research-Extension Projects Instructions. Tehran: Agricultural Education and Extension Institute (Persian).
6. **Karamidehkordi, E.**, Gholami, H., SharifiMoghadam, M., Ghasemi, J., Jafari, E., Mousavi, S.K., Tahmasebi, M. (2022). Multi-level planning of education and extension in agriculture and natural resources management. Tehran: Agricultural Education and Extension Institute (Persian).
7. **Karamidehkordi, E.** (2020). Rural communities' Participation in post disaster reconstruction, lessons learnt from 2000s' earthquake reconstruction in Iran. Tehran: Islamic Housing Foundation.
8. Badsar, M., Karami, R., & **Karamidehkordi, E.** (2019). Structural Equation Modelling and using AMOS in Rural Development and Agricultural Extension Studies. Zanjan: Zanjan University Press.
9. **Karamidehkordi, E.** (2012). *Sustainable Natural Resource Management, a Global Challenge of This Century*. In Kaswamila, Abiud (ed). *Sustainable Natural Resources Management*. Rijeka, Croatia: InTech, Available online: <http://www.intechopen.com/articles/show/title/sustainable-natural-resource-management-a-global-challenge-of-this-century>

10. Pezeshki rad, Gh. R. & **Karamidehkordi, E.** (2012). *Social Statistics and Data Analysis for Research on Agricultural Extension, Development and Education*. Tehran: Tarbiat Modares University Press.
11. **Karamidehkordi, E.** (2001). *The Participation of Research, Extension and Farmer*. Tehran: Rural Development Institute of Iran (Persian).

Book translation:

1. Chambers, Robert (2021). **Ideas for Development**. London: EarthScan (Translated by Mousa Aazami, Mehrdad Pouya and **Esmail Karamidehkordi**, from English to Persian language Published by Academic Publication Press).
2. Elliot, J. (2014). **An Introduction to Sustainable Development** (translated by **Esmail Karamidehkordi**). Zanjan, University of Zanjan Press.
3. Swanson, R. P. Bent & A.J. Sofranko (eds) **Improving Agricultural Extension** (2002). (Translated by G.H. Salleh Nassab, R. Movahhedi and **Esmail Karamidehkordi**) Rome: FAO (from English to Persian language Published by Extension and Farming Systems Deputy Press).

INTERNATIONAL PEER-REVIEWED JOURNAL ARTICLES

1. Karimi, V., Karamidehkordi, E., Farhadian, H., & Bijani, M. (2026). Institutional dynamics in transformative wetland governance: A social network approach from Iran. *Earth System Governance*, 28, 100335. <https://doi.org/https://doi.org/10.1016/j.esg.2026.100335>
2. Hallaj, Z., Bijani, M., Karamidehkordi, E., Yousefpour, R., & Yousefzadeh, H. (2026). Extracting Forest Land Use Change Components: The Effects on Ecosystem Services and Human Well-Being. *Land Degradation & Development*, n/a(n/a). <https://doi.org/https://doi.org/10.1002/ldr.70402>
3. Bamigboye, O. T., Karimi, V., Adeniran, A. H., Keshavarz, M., Karamidehkordi, E., & Bandh, S. (2026). Cropping Systems, Adaptive Livelihood, and Household Resilience among Maize Farmers in Nigeria. *Results in Engineering*, 30, 110841. <https://doi.org/https://doi.org/10.1016/j.rineng.2026.110841>
4. Aliloo, J., Abbasi, E., Karamidehkordi, E., & Canavari, M. (2026). Developing an extension framework to promote drone technology adoption in rice cultivation: Evidence from expert insights in Iran. *Outlook on Agriculture*, 55(1), 115-131. <https://doi.org/10.1177/00307270261415625>
5. Soleymani Sardo, F., Bijani, M., Karamidehkordi, E., & Sepahvand, F. (2026). Equilibrium between Education and Research in Agricultural Higher Education: A Pathological Analysis. *Journal of Agricultural Science and Technology*, 28(2), 285-298. https://jast.modares.ac.ir/article_16880_3a6cd33291178d268ef37b305c3f8c0e.pdf
6. Karimi, V., **Karamidehkordi, E.**, Farhadian, H., & Bijani, M. (2025). Climate Justice as a Pathway to Sustainable Development: A Content Analysis Review. *Canadian Agri-food & Rural Advisory, Extension and Education Journal*, 1(1), 1-4, [Special Issue: CAREE 2025 Conference Proceedings](https://doi.org/10.21083/caree.vi.8886), held in Guelph, Ontario, Canada, from 29–31 October 2025, <https://doi.org/10.21083/caree.vi.8886>.
7. Karimi, V., **Karamidehkordi, E.**, Farhadian, H., & Bijani, M. (2025). [Transformative Water Resources Governance in Wetland Ecosystems: A Systematic](https://doi.org/10.21083/caree.vi.8886)

[Review](#). *Canadian Agri-food & Rural Advisory, Extension and Education Journal*, 1(1), 1-4, [Special Issue: CAREE 2025 Conference Proceedings](#), held in Guelph, Ontario, Canada, from **29–31 October 2025**, <https://doi.org/10.21083/caree.vi.8886>.

8. Karimi, V., **Karamidehkordi, E.**, Farhadian, H., Bijani, M. & Singh, G. (2025). Mapping socio-institutional studies of biodiversity governance and climate change justice in wetland ecosystems. *Environmental and Sustainability Indicators*, 27, 100789. <https://doi.org/10.1016/j.indic.2025.100789>
9. **Karamidehkordi, E.** & Naderi, L. (2025). How do climate change, socio-economic context and water policies impact water conflicts? Insights from the Zayandeh Rud Basin, Iran. *Psychology of Violence*, 15(6), 689–703. <https://doi.org/10.1037/vio0000650>
10. Eftekhari, P., **Karamidehkordi, E.**, Mojarradi, Gh., Naderi, L. & Owfi, F. (2025). Coastal Wetland participatory management Strategies: A systematic literature Review. *Caspian Journal of Environmental Sciences*, 23(4), 1079-1094. https://cjes.guilan.ac.ir/article_8894.html (10.22124/cjes.2025.8894).
11. Karimi, V. & **Karamidehkordi, E.** (2025). Scientific evolution of climate justice under climate change: A systematic review. *Sustainable Future*, 10, 101073. <https://doi.org/10.1016/j.sftr.2025.101073>
12. Naderi, L., **Karamidehkordi, E.**, & Moghadasi, H. (2025). Conflict Network of Farming Communities with the Multi-Stakeholders of a Water Basin, *Journal of Hydrology: Regional Studies*, 62, 102837, <https://doi.org/10.1016/j.ejrh.2025.102837>
13. Karimi, V., **Karamidehkordi, E.**, Farhadian, H., Bijani, M. (under review). Transformative biodiversity governance: A novel lens to wetlands management. .
14. Ahmadifard, E., Farhadian, H., & **Karamidehkordi, E.** (2025). Institutional Mapping of the Knowledge and Innovation Systems: insights from the Handmade Carpet Industry, *Humanities and Social Sciences Communications*.
15. Hosseini, S.H., Javadi, S.A., **Karamidehkordi, E.**, & Arzani, H. (Under Review). Understanding Rural Communities' Participation in the Rangeland Management Projects in Iran Using the Grounded Theory Method.
16. Madadzadeh, N.A., Arzani, H., Javadi, S. A. & **Karamidehkordi, E.**, Movahed Mohammadi, S. H. & Razzaghi, M. H. (in press). Factors affecting the participation of local communities in sustainable rangeland management projects in the Kerman Province. .
17. Hamidi Kaliji, Atefeh, Farhadian, H., Hodayoun, Abbasi, Enayat, **Karamidehkordi, Esmail** & Brunori, G. (Under Review). Designing Comprehensive sustainability performance for the rice supply chain: A systematic literature review.
18. Ahmadifard, E., Farhadian, H., **Karamidehkordi, E.**, & Karimi, V. (2025). Exploring the role of information networks in promoting sustainable rural production in Iran. *Scientific Reports*, 15(1), 19822. [10.1038/s41598-025-03899-4](https://doi.org/10.1038/s41598-025-03899-4)
19. Ahmadifard, E., Farhadian, H., **Karamidehkordi, E.**, & Shabanali Fami, H. (2025). An analysis of the actors' communication network in the knowledge and innovation

- system of the handmade silk carpet industry. *Journal of Agricultural Science and Technology*, 27(5), 1001-1016 <https://jast.modares.ac.ir/article-23-68049-en.html>
20. Naderi, L., **Karamidehkordi, E.**, Badsar, M., & Moghadas, M. (2024). Impact of climate change on water crisis and conflicts: Farmers' perceptions at the ZayandehRud Basin in Iran. *Journal of Hydrology: Regional Studies*, 54, 101878. <https://doi.org/10.1016/j.ejrh.2024.101878>
 21. Hallaj, Z., Bijani, M., **Karamidehkordi, E.**, Yousefpour, Rasoul & Yousefzadeh, Hamed (2024). Forest land use change effects on biodiversity ecosystem services and human well-being: A systematic review. *Environment and sustainability indicators*, 23, 100445. <https://doi.org/10.1016/j.indic.2024.100445>
 22. **Karamidehkordi, E.**, Karimi, V. & Hallaj, Z., Karimi, M., Naderi, L. (2024). Adaptable leadership for arid/semi-arid wetlands conservation under climate change: using Analytical Hierarchy Process (AHP) approach. *Journal of Environmental Management*, 351, 119860. <https://doi.org/10.1016/j.jenvman.2023.119860>
 23. Karimi, M., Tabiee, M. Karami, Sh., Karimi, V. & **Karamidehkordi, E.** (2024). Climate change and water scarcity impacts on sustainability in semi-arid areas: lessons from the South of Iran. *Groundwater for Sustainable Development*, 24, 101075, <https://doi.org/10.1016/j.gsd.2023.101075>
 24. Aliloo, Jamileh, Abbasi, Enayat, **Karamidehkordi, E.**, Ghanbari Parmehr, Ebadat & Canavari, Maurizio (2024). Dos and Don'ts of Using Drone Technology in the Crop Fields. *Technology in Society*, 76, 102456, <https://doi.org/10.1016/j.techsoc.2024.102456>
 25. **Karamidehkordi, E.**, Hashemi Sadati, S.A., Tajvar, Y. & Mirmousavi, S.H. (2023). [Climate change vulnerability and resilience strategies for citrus farmers.](https://doi.org/10.1016/j.indic.2023.100317) *Environmental and Sustainability Indicators*, 20, 100317, <https://doi.org/10.1016/j.indic.2023.100317>
 26. Es'haghi, S. R., & **Karamidehkordi, E.** (2023). Understanding the structure of stakeholders – projects network in endangered lakes restoration programs using social network analysis. *Environmental Science & Policy*, 140, 172-188. <https://doi.org/10.1016/j.envsci.2022.12.001>
 27. **Karamidehkordi, E.**, Mousavi, S.K., Zamani-Abnili, F., Es'haghi, S.R., Ghasemi, J., Gholami, H., Moayedi, A.A. & Shaghali, R. (2022). "Communicative interventions for preventing the novel Coronavirus (Covid-19) outbreak: insights from Iran's rural and farming communities". *The Journal of Agricultural Education and Extension*, 28(3), 275-307. <https://doi.org/10.1080/1389224X.2021.1932535>
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2. **Karamidehkordi, E.** (2023). Implications of Global Biodiversity Framework on communication and extension systems. **The 26th European Seminar on Extension and Education**, 10-13 July 2023, University of Toulouse, Toulouse, France.
3. **Aliloo, Jamileh, Abbasi, Enayat, Karamidehkordi, E., Ghanbari Parmehr, Ebadat & Canavari, Maurizio** (2023). Requirements for Adopting Drones by Farmers in Paddy Fields in the Haraz Plain Watershed, Iran. **The 26th European Seminar on Extension and Education**, 10-13 July 2023, University of Toulouse, Toulouse, France.
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12. Golbaz, S. Shirin, **Karamidehkordi, E.** (2019). Role of Reforming and Improving Grape Orchard Policies on Enhancing Small scale grape Farmers Knowledge and Productivity: Lessons learnt in the Northwest of Iran. **The 5th International AGRICULTURE Congress**, 21-24 August 2019, Istanbul, Turkey.
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**PEER-REVIEWED CONFERENCE PAPERS AND WORKING PAPERS
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2. Mousapour, S.K., **Karamidehkordi, E.** & Jazaeri, A. (2024). Role of Women Leadership in Biodiversity Management. **10th National Congress on the Extension and Education for Sustainable Agriculture, Natural Resources and Environment,** 29-30 October 2024, Karaj, College of Agriculture & Natural Resources of the University of Tehran.
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5. **Karamidehkordi, E.,** Jazaeri, A., Naderi, L. & Mousapour, S.K. (2024). Impact of Climate Change on Wild Species Loss. **Seventh International Conference of Climate Change,** 29-30 January 2024, Tehran, Iran
6. Mesbah, A., **Karamidehkordi, E.,** Salehpour Jam, A., Tohidlo, S.A., & Saadi, T. (2023). Application of DPSIR Approach in Flood Risk Management. **Sixth National Conference of Soil Conservation and Watershed Management, Balancing and Sustainability of Water Resources in Watersheds,** 25-26 August 2023, Soil Conservation and Watershed Management Research Center, Tehran, Iran.

7. Mesbah, A., **Karamidehkordi, E.** & Badsar, M. (2023). Investigating the sustainability of rural population, a case study of Chendar County in the Savojbolagh Township. The 1st International Congress on Sustainable Population & Secure Future and **The 2nd Festival of Art in Midwifery, 15-16 November 2023**, North Khorasan University of Medical Sciences, Bojnourd, Iran.
8. **Karamidehkordi, E.** (2022). International policies for biodiversity conservation and restoration. **The Second National Conference of New Technologies in the Environment and Sustainable Development with Industry and Environmental Approach**, 30-31 August 2022, the University of Zanjan.
9. **Karamidehkordi, E.** (2022). Biodiversity Management, the social responsibility of universities. **1st National Conference on Green Management in the Third Millennium (Experiences, Challenges and Solutions)**, 8 June 2022, Birjand University.
10. **Karamidehkordi, E.**, Mesbah, Ardeshir (2022). Investigating the meso-scale perspectives of the interaction between climate change and society. **The 3rd international and 6th national conference on conservation of natural resources and environment**, 12-13 September 2022, University of Mohaghegh Ardabili.
11. Mesbah, A., **Karamidehkordi, E.**, Tohidlo, S.A., & Saadi, T. (2022). Investigating Management Measures for the Adaptation of Local Communities in the Villages of Karaj Township in dealing with the Flood Crisis. **The 3rd international and 6th national conference on conservation of natural resources and environment**, 12-13 September 2022, University of Mohaghegh Ardabili.
12. Safarialamouti, P., **Karamidehkordi, E.**, & Aazami, J. (2022). Analysing Biodiversity Management State in Rangelands of Sorkhabad Protected Area of Zanjan Province. **The Second National Conference of New Technologies in the Environment and Sustainable Development with Industry and Environmental Approach**, 30-31 August 2022, the University of Zanjan.
13. Karimi, Vahid, **Karamidehkordi, E.**, Hallaj, Zeynab (2022). Agriculture and Climate Change Adaptation: Concepts, Requirements, and Models. **The Second National Conference of New Technologies in the Environment and Sustainable Development with Industry and Environmental Approach**, 30-31 August 2022, the University of Zanjan.
14. Hallaj, Zeynab, **Karamidehkordi, E.**, Karimi, Vahid (2022). Role of Extension Agriculture and Natural Resources in Building the Capacity of Social Capital in line with Rural Development. **The Second National Conference of New Technologies in the Environment and Sustainable Development with Industry and Environmental Approach**, 30-31 August 2022, the University of Zanjan.
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Extension and Education for Sustainable Agriculture, Natural Resources and Environment, 6-9 September 2022, Tabriz University.

17. Eftekhari, Hajar, Karamidehkordi, E., Mojarradi, Gh. (2022). Analyzing participation of local communities in wetland management. **The 9th Congress on the Extension and Education for Sustainable Agriculture, Natural Resources and Environment**, 6-9 September 2022, Tabriz University.
18. Karimi, Vahid, Karamidehkordi, E., Hallaj, Zeynab (2022). The analysis of the studies is done on the innovation of accepting treated wastewater by farmers in the conditions of climate change. **The 9th Congress on the Extension and Education for Sustainable Agriculture, Natural Resources and Environment**, 6-9 September 2022, Tabriz University.
19. Hallaj, Zeynab, Karamidehkordi, E., Karimi, Vahid (2022). Participatory model of local communities in environmental planning. **The 9th Congress on the Extension and Education for Sustainable Agriculture, Natural Resources and Environment**, 6-9 September 2022, Tabriz University.
20. Osmanpour, Madineh, Karamidehkordi, E., Malekhoseini, Afsaneh (2022). Comparative Analysis of Participatory Methods of Agricultural Extension Emphasizing the IPCM Model in the Restoration Plan of Lake Orumia. **The 9th Congress on the Extension and Education for Sustainable Agriculture, Natural Resources and Environment**, 6-9 September 2022, Tabriz University.
21. Mesbah, A., Karamidehkordi, E., Tohidlo, S.A., & Saadi, T. (2021). Investigating flood crisis management actions and their impact on rural communities in the Taleghan Township of the Alborz Province. **The 16th National Conference on Watershed Management Sciences and Engineering of Iran (Watershed Management & Sustainable Development)**, 8-9 March 2022, Shiraz University, Shiraz, Iran.
22. Mesbah, A., Karamidehkordi, E., Tohidlo, S.A., & Saadi, T. (2021). Investigating resilience indicators of rural communities to cope with flood crises, a case study of Asara County in the Karaj Township. **The 8th Comprehensive Conference on Flood Engineering and Management: flood and drought, two sides of the same coin**, 19-21 October 2021, the Ministry of Energy and Urban Viability Think-Tank, Tehran, Iran.
23. Naderi, L., Karamidehkordi, E. & Badsar, M. (2020). Impact of Climate change and water resources governance on escalating conflict among stakeholders. **The 8th National Congress of Extension and Education Sciences in Agriculture and Natural Resources Management of Iran**, 28-29 October 2020, Iranian Agricultural Extension and Education Association and Agricultural Extension and Education Institute, Karaj, Iran.
24. Karimi, K. & Karamidehkordi, E. (2020). Development of Natural Resources Management Perspectives. **The 8th National Congress of Extension and Education Sciences in Agriculture and Natural Resources Management of Iran, 28-29 October 2020**, Iranian Agricultural Extension and Education Association and Agricultural Extension and Education Institute, Karaj, Iran.
25. Karimi, K., Karamidehkordi, E. & Buchecker, M. (2020). Impact of Implementing the International Project of Carbon Sequestration on Rural Households' Knowledge

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137. **Karamidehkordi, E.** (2009). *Local Knowledge and Sustainable Watershed Management: A Case Study in Iran.* 15th Annual International Sustainable Development Research Conference "Taking up the Global Challenge", 5-8 July 2009, Utrecht University, Utrecht, The Netherlands.
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144. Emmalou Van TilBurg and Allen B. Moore (1989). In Sharan B. Merriam and Phyllis M. Cunningham (eds.) Handbook of Adult and Continuing Education. Washington D.C. : American Association for Adult and Continuing Education. Translated in Persian by **Karami Dehkordi, E.** (1996). **Jihad, Monthly Rural Development and Agricultural Extension Journal, 17**(192-193): 64-70.

COMPUTER KNOWLEDGE:

Windows and related software, Microsoft office package

Data analysis such as Qualitative data analysis (NVIVO), Quantitative data analysis software (SPSS, Genstat, SAS),

Social Network Analysis (UCINET)

EndNote, E-tab

SOCIAL RESEARCH METHODS QUALIFICATIONS

Ability to use different social qualitative and quantitative research methods, Leadership and organizing fieldwork and data collection, Coding, entering, analyzing and reporting qualitative and quantitative data