







PERSONAL INFORMATION **Ahmad Abedi Sarvestani**

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-  Google Scholar: <https://scholar.google.com/citations?user=nuXplSgAAAAJ&hl=en>
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-  ORCID: <https://orcid.org/0000-0002-5808-4505>
- Date of birth 27/07/1970

Research Interests

My background and research interests are in natural resource management and governance, environmental conservation, environmental ethics, rural development, agricultural extension services and promotion, agricultural education, indigenous peoples and knowledge.

WORK EXPERIENCE

Faculty Member (Associate Professor)

Sep. 2008-Present

Gorgan University of Agricultural Sciences and Natural Resources, Iran (Education, highest ranked university in specialized universities of agriculture and natural resources of the country)

Responsibilities

- Teaching university students.
- Directing and Mentor of postgraduate students.
- Supervision and Advise **70** PhD and Master's theses and dissertations.
- Supervision research projects.
- Conducting granted researches.
- Participating in scientific and academic research projects.
- Holding educational workshops.
- Delivering scientific lectures.
- Publishing scientific articles and books.
- Co-operation with scientific associations.
- Providing advice to executive organizations and institutions.
- Preparation of research proposals for fundamental and interdisciplinary grants.
- International collaborations in research projects.
- Participated in workshops, conferences and symposiums.
- Membership in scientific and executive committees.
- Directing the University Department of Agricultural Extension and Education.

Senior Executive Expert/Researcher

April. 2000-April. 2004

General Directorate of Natural Resources and Watershed Management of Fars Province, Iran (Execution/Research)

Responsibilities

- Senior expert of the Technical Department of Rangelands and responsible for the preparation of rangeland management plans.
- Secretary of the Technical Committee of the General Directorate of Natural Resources of Fars Province.
- Responsible for preparing the Livestock and Rangelands Balance plan of Fars Province.
- In charge of forming cooperatives for rangelands, forestry and natural resources exploitation.
- Head of the Secretariat of the Natural Resources Council of Fars Province.

EDUCATION

Jan.2003 - Jul.2008

PhD, Agricultural Extension and Education

Shiraz University, (one of the oldest and most prestigious modern universities in Iran. Shiraz University is listed among the top three research-oriented schools in the nation according to a ranking of Iranian universities based on scientific output).

Thesis Topic

- Explaining Environmental Ethics Theory of Students and Academic Members of Shiraz University.

Details

• Five years program (full-time), undertaken 10 semesters. In my PhD interdisciplinary research project, two stages were used: exploratory and confirmatory. The aim of exploratory stage was to explore intrinsic value centers and evaluation criteria among studied population. The results of exploratory stage showed that the conceptual structures of intrinsic value and evaluation criterion are complex. The structure of intrinsic value concept includes three elements of anthropocentric, ecocentric and theocentric. The main objective of the confirmatory stage was to test the defined theory obtained in the exploratory stage. It is supported by empirical evidence using facet theory that two concepts of intrinsic value and evaluation criterion were precisely defined in exploratory stage. This research introduced a new approach called EgoEcology which emphasizes human's inner self to conserve the natural environment through self-definition and inner self-defence.

Outcome
Supervisors

- **Five** research academic papers (**2** ISI and **3** ISC Publications), **One** Book.
- Prof. Mansoor Shahvali. Co-supervisor: S.M. Mohaghegh Damad

Jan.1994 - Feb.1999

Master, Agricultural Extension and Education

Shiraz University, (one of the oldest and most prestigious modern universities in Iran. Shiraz University is listed among the top three research-oriented schools in the nation according to a ranking of Iranian universities based on scientific output).

Dissertation Topic
Details

- The Extension Houses of Agriculture Organization: An Effectiveness Evaluation.
- Four years program (full-time), undertaken eight semesters. In this interdisciplinary research project, the effectiveness of new village extension centers called rural extension houses was investigated using the survey research method. The results showed that the effectiveness of these centers, as well as their compatibility with participatory development approach, was moderate. In addition, as the activities of the extension centers became more compatible with the participatory development approach, their effectiveness also increased.

Outcome
Supervisor

- **One** research academic paper (ISC-Cited Publication).
- Prof. Ezatollah Karami.

Sep.1988 - Feb.1993

Bachelor, Agricultural Extension and Education

Shiraz University, (one of the oldest and most prestigious modern universities in Iran. Shiraz University is listed among the top three research-oriented schools in the nation according to a ranking of Iranian universities based on scientific output).

Details
Outcome

- Four years program, undertaken over eight semesters.
- Obtained a Bachelor's degree.

PERSONAL SKILLS

Communication Skills

- Good communication skills gained through experience as faculty member, researcher and participant in conferences.

Organisational Skills

- Leadership (Responsible for several research teams)
- Supervision (PhD and Master)
- Mentorship (Undergraduate and postgraduate projects)
- Proposal writing (Successful grant applications)

Job-Related Skills

- Teaching undergraduate, master's and Ph.D. courses
- Directing and supervising academic theses and dissertations
- Conducting educational workshops
- Conducting quantitative, qualitative and interdisciplinary social research
- Evaluating scientific reports
- Planning for promoting agriculture and natural resources
- Developing agricultural and natural resources activities
- Designing and monitoring rural development programs
- Participatory programming for the management of natural resources
- Evaluating rural development, agricultural and natural resource conservation projects
- Designing rural and agricultural innovations and technologies diffusion/adoption plans
- Conducting surveys and measuring attitudes
- Designing educational technologies
- Collecting and documenting agriculture and natural resources indigenous knowledge
- Organizing community participation in development activities
- Planning conservation and restoration of natural resources
- Advise on agricultural development and natural resource management projects

SCHOLARSHIP AWARDED

PhD Scholarship

- Full funded by Iran Ministry of Science, Research, and Technology for the PhD Program in Shiraz University, March 2003-January 2007.

RECEIVED GRANTS and FUND RAISING

Awarded Research Grant

- Investigation of Beliefs, Knowledge, and Use of Traditional Herbal Medicines among the Citizens of Gorgan. Granted by: Gorgan University of Agricultural Sciences and Natural Resources. Grant No: 02-490-10. Amount: 194,500,000 IRR. 2024-2024.
- Types of Water Conflict and its Relationship with Environmental Attitudes among Farmers of Bahar County in Hamadan Province. Granted by: Gorgan University of Agricultural Sciences and Natural Resources. Grant No: 99-430-34. Amount: 97,100,000 IRR. 2021-2022.
- Systematic Investigating of Rangeland Management in the Pandemic of Covid19 Disease for Determining the Future Scenario Based on the Main Drivers in Golestan Province. Granted by: Gorgan University of Agricultural Sciences and Natural Resources. Grant No: 00-456-106. Amount: 100,000,000 IRR. 2021-2022.
- Examining the Opinions of Legal Experts and Heads of Natural Resources Departments of Golestan Province Regarding the Legal Aspects of Flood Management. Granted by: Gorgan University of Agricultural Sciences and Natural Resources. Grant No: 98-412-19. Amount: 97,100,000 IRR. 2020-2021.
- Investigating the Relationship between Environmental Ethics and Pro-environmental Behaviors among the Residents of Gorgan. Granted by: Gorgan University of Agricultural Sciences and Natural Resources. Grant No: 96-374-6. Amount: 45,670,000 IRR. 2018-2019.
- Investigating the Environmental Viewpoints of Natural Resources Protection Officers in Golestan Province. Granted by: Gorgan University of Agricultural Sciences and Natural Resources. Grant No: 96-374-7. Amount: 28,700,000 IRR. 2018-2019.
- A Prospective Study on Collaborative Natural Resource Management Plans: A case study of the Carbon Sequestration Project of Azad Shahr in Golestan Province. Granted by: Gorgan University of Agricultural Sciences and Natural Resources. Grant No: 95-354-40. Amount: 19,110,000 IRR. 2017-2018.
- Analyzing the Job Stress of the Task Force Officers in Charge of Protection of Natural Resources in Golestan Province. Granted by: Gorgan University of Agricultural Sciences and Natural Resources. 2015-2016. Grant No: 94-336-47. Amount: 28,700,000 IRR.
- Investigating Methods of Coping with Drought among Farmers of Shirvan in North Khorasan Province. Granted by: Gorgan University of Agricultural Sciences and Natural Resources. Grant No: 94-336-48. Amount: 51,000,000 IRR. 2015-2016.
- Investigation of Food Safety at the Farm Level: A Study in the Agricultural Fields of GonbadeKavoos in

Golestan Province. Granted by: Gorgan University of Agricultural Sciences and Natural Resources. Grant No: 93-324-20. Amount: 23,550,000 IRR. 2014-2015.

- Analyzing the Factors affecting the Acceptance of the Plan to take Livestock out of the Forest among the Forest Dwellers of Mazandaran Province. Granted by: Gorgan University of Agricultural Sciences and Natural Resources. Grant No: 91-306-50. Amount: 37,200,000 IRR. 2012-2014.
- Ethical Necessity of Upholding Family Farms in the Process of Sustainable Rural Development: Clarification of the Experts' Opinions of Golestan Province Agricultural Jihad Organization. Granted by: Gorgan University of Agricultural Sciences and Natural Resources. Grant No: 92-314-48. Amount: 15,000,000 IRR. 2013-2014.
- Moral Idealism and Attitudes towards Animals among Students of Gorgan Universities. Granted by: Gorgan University of Agricultural Sciences and Natural Resources. Grant No: 92-314-47. Amount: 19,000,000 IRR. 2013-2014.
- The Importance and Application of Non-formal Education Features in view of Agricultural Promoters. Granted by: Gorgan University of Agricultural Sciences and Natural Resources. Grant No: 90-296-24. Amount: 24,300,000 IRR. 2011-2013.
- Agricultural Ethics of Agricultural Experts. Granted by: Gorgan University of Agricultural Sciences and Natural Resources. Grant No: 90-296-23. Amount: 12,900,000 IRR. 2011-2013.
- Analysis of Pro-environmental Attitudes and Behaviors among Students of Gorgan University of Agricultural Sciences and Natural Resources. Granted by: Gorgan University of Agricultural Sciences and Natural Resources. Grant No: 89-3-256. Amount: 27,350,000 IRR. 2011-2012.
- Spatial Dependence and Psychological Dimensions of Environmental Protection among Tourists of Forest Parks in Golestan Province. Granted by: Gorgan University of Agricultural Sciences and Natural Resources. Grant No: 89-283-37. Amount: 18,800,000 IRR. 2010-2012.
- Analyzing the Environmental Ethics Viewpoints of Students and Professors of the University of Agricultural Sciences and Natural Resources. Granted by: Gorgan University of Agricultural Sciences and Natural Resources. Grant No: 88-3-204. Amount: 20,300,000 IRR. 2009-2010.

Research Fund Raising

- Final Report of the Legal Work Group: National Flood Reports. Funded by: The National Plan of the Presidency, Iran. Amount: 3,220,000,000 IRR. 2020-2022.
- Systematic Analysis of Education in Golestan Province in order to Explain the Future Strategy. Funded by: Golestan Province General Department of Education, Iran. Amount: 200,000,000 IRR. 2019-2020.
- Investigating the Relationship between the Academic Performance of the Third Grade High School Students and the Qualitative Results of the National Entrance Exam in the Last Three Years in Golestan Province. Funded by: Golestan Province General Department of Education, Iran. Amount: 200,000,000 IRR. 2019-2020.
- Investigating Conflict Management Methods and Strategies (Fires, Wood Smuggling, Encroachment on National Lands) among Protection Officers of General Department of Natural Resources and Watershed Management of Golestan Province and Local Communities. Funded by: Golestan Province General Dept. of Natural Resources and Watershed Management, Iran. Amount: 179,700,000 IRR. 2017-2018.
- Analyzing the Effectiveness of Social and Organizational Networks of Generalization of Carbon Sequestration Project with Approach of Network Analysis in Watershed Area of Tilabad of Azadshahr County in Golestan Province. Funded by: Natural Resources and Watershed Management Department General of Golestan Province, Iran. Amount: 680,000,000 IRR. 2016-2017.
- Engagement strategies for the members of the Rural Islamic Council in the protection of natural resources in the protected areas of Fars. Funded by: Fars Province General Department of Environment. Amount: 120,000,000 IRR. 2008-2009.

Team Member in Research Grant

- Comparative study of forestry projects with social forestry approach (case study: Golestan Province), 2016
- Assessing the reciprocal effects of fire on forest areas and forest dwelling communities (Golestan Province), 2016
- Study of the impact of forestry cooperatives on rural development (Golestan Province), 2014

Team Member in
Research Fund
Raising

- Preparation and developing an alternative livelihood plan for the local communities on the edge of the Alagol International Wetlands approaching to protecting wetland biodiversity and developing and implementing an executive plan to achieve a sustainable livelihood, 2019.
- Compilation of the comprehensive management plan of Hable Rood Watershed Basin under the national macro plan for the comprehensive management of the country's watersheds- phase one, 2016.
- Updating and completing land survey studies in Golestan province, 2012.

PUBLICATIONS
ISI Journal Papers

Submitted / Under
Review

- Abedi Sarvestani, A., and Tortajada, C. (Submitted). Environmental perspectives on water conflict: Insights from shared wells in rural Iran. *Water Resources Management*. (Q1)
- Abedi Sarvestani, A., Khaksar-Moghaddam, G., and Mahboobi, M.R. (Under Review). Freshwater usage patterns in rural north-east Iran: Demographic, economic, and attitudinal insights. *Journal of Water Resources Planning and Management*. (Q1)
- Abedi Sarvestani, A., and Shahraki, M.R. (Submitted). Revitalizing natural resources sustainability: Unveiling nomadic pastoralists' rangeland and livestock management knowledge and practices for production enhancement, Iran. *Environmental Monitoring and Assessment*. (Q2)
- 2024 • Sharafmandrad, M., Abedi Sarvestani, A., Shahraki, M., and Nafooti, M.H. (2024). Uncovering the reasons behind the failure of pastoralists in adopting climate change adaptation strategies. *Scientific Reports*, 14, 20602. <https://doi.org/10.1038/s41598-024-70818-4>. (Q2)
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuxplSgAAAAJ&sortBy=pubdate&citation_for_view=nuxplSgAAAAJ:i2xiXI-TujoC
- Abedi Sarvestani, A., and Millar, J. (2024). Building readiness for climate change: A study of organizational learning in the management of natural resources, northeastern Iran. *Environmental Development*, 50: 100994. <https://doi.org/10.1016/j.envdev.2024.100994>. (Q2)
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuxplSgAAAAJ&sortBy=pubdate&citation_for_view=nuxplSgAAAAJ:WZBGUue-350C
- 2023 • Abedi Sarvestani, A., and Shahraki, M.R. (2023). Climate change adaptation methods at the household level: Evidence from the Oghan watershed, north of Iran. *Environmental Science and Policy*, 142: 42-49. <https://doi.org/10.1016/j.envsci.2023.01.011> (Q1)
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuxplSgAAAAJ&cstart=20&pagesize=80&citation_for_view=nuxplSgAAAAJ:5awf1xo2G04C
- 2022 • Saboohi, R., Barani, H., Khodaghali, M., Abedi Sarvestani, A., Tahmasebi, A., and Feuer, H.N. (2022). Aligning trends in climatic parameters and nomads' indigenous knowledge about climate change in central Iran (case study: Semirom town). *Weather, Climate, and Society*, 14(3): 769-782. <https://doi.org/10.1175/WCAS-D-21-0041.1> (Q3)
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuxplSgAAAAJ&cstart=20&pagesize=80&citation_for_view=nuxplSgAAAAJ:1qzjyNMrQYC
- 2020 • Abedi Sarvestani, A., and Ingram, V. (2020). Perceptions and practices of rural council participatory forest governance: Closed co-management in Chehel-Chay, Iran. *Forest Policy and Economics*, 117: 102202. <https://doi.org/10.1016/j.forpol.2020.102202>, (Q1)
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuxplSgAAAAJ&citation_for_view=nuxplSgAAAAJ:fPk4N6BV_IJC
- 2019 • Behmanesh, B., Abedi Sarvestani, A., Barani, H., Shahraki, M.R., and Mohammad-Esmaili, M. (2019). Social responsibility and rangelands conservation: An investigation on mobile pastoralists in Golestan Province, Iran. *Journal of Rangeland Science*, 9(2): 112-125. https://rangeland.borujerd.iau.ir/article_544510.html, (Q3)
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuxplSgAAAAJ&cstart=20&pagesize=80&citation_for_view=nuxplSgAAAAJ:kNdYlx-mwKoC
- Saboohi, R., Barani, H., Khodaghali, M., Abedi Sarvestani, A., and Tahmasebi, A. (2019). Nomads' indigenous knowledge and their adaptation to climate changes in Semirom City in Central Iran. *Theoretical and Applied Climatology*, 137: 1377-1384. <https://doi.org/10.1007/s00704-018-2665-4>, (Q2)
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuxplSgAAAAJ&citation_for_view=nuxplSgAAAAJ:8k81k-MbHgC
- 2017 • Joolae, R., Abedi Sarvestani, A., Taheri, F., Van Passel, S., and Azadi, H. (2017). Sustainable cropping pattern in North Iran: Application of fuzzy goal programming. *Environment, Development and Sustainability*, 19(6): 2199-2216. <https://doi.org/10.1007/s10668-016-9849-9>, (Q1)
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuxplSgAAAAJ&citation_for_view=nuxplSgAAAAJ:WF5omc3nYNoC
- Hajjipoor, S., Barani, H., Yeganeh, H., and Abedi Sarvestani, A. (2017). Factors affecting herders migration time to summer rangelands (case study: Kouhdasht rangelands, Lorestan province, Iran). *Journal of Rangeland Science*, 7(3): 199-209. https://rangeland.borujerd.iau.ir/article_528611.html, (Q3)
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuxplSgAAAAJ&cstart=20&pagesize=80&citation_for_view=nuxplSgAAAAJ:-f6yDRqyJwC
- Foladizada, M., Barani, H., Abedi Sarvestani, A., and Mostafaloo, H. (2017). Socio-economic factors affecting acceptance of livestock and rangelands insurance (case study: Agh-Ghala county, Golestan province, Iran). *Journal of Rangeland Science*, 7(1): 35-44. https://rangeland.borujerd.iau.ir/article_524118.html, (Q3)
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuxplSgAAAAJ&cstart=20&pagesize=80&citation_for_view=nuxplSgAAAAJ:eQOLeE2rZwMC

- 2016 • Badripour, H., Barani, H., Aghili, S.M., and Abedi Sarvestani, A. (2016). Study the role of natural capitals on villagers' dependence on rangeland (case study: HableRud Basin in Iran). *Journal of Rangeland Science*, 6(2): 112-121. https://rangeland.borujerd.iau.ir/article_522651.html, (Q3)
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuXpISgAAAAJ&cstart=20&pagesize=80&citation_for_view=nuXpISgAAAAJ:9yKSN-GCB0IC
- Behmanesh, B., Barani, H., Abedi Sarvestani, A., Shahraki, M.R., and Sherafatmandrad, M. (2016). Rangeland degradation assessment: a new strategy based on the ecological knowledge of indigenous pastoralists. *Solid Earth*, 7: 611-619. <https://doi.org/10.5194/se-7-611-2016>, (Q1)
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuXpISgAAAAJ&citation_for_view=nuXpISgAAAAJ:_FxGoFyzp5QC
- Rahmatizadeh, A., Barani, H., Abedi Sarvestani, A., Amini, A.M. (2016). Investigating factors affecting the success of official and unofficial range management cooperatives in three provinces of Iran. *Journal of Rangeland Science*, 6(2): 144-155. https://rangeland.borujerd.iau.ir/article_522656.html, (Q3)
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuXpISgAAAAJ&cstart=20&pagesize=80&citation_for_view=nuXpISgAAAAJ:W70EmFMy1HYC
- 2015 • Shahraki, M.R., Abedi Sarvestani, A., Seyedi, M.S., Rafiaani Khachak, P., Nieto-Garibay, A. Van Passel, S., and Azadi, H. (2015). The perception by pastoralists of the factors influencing the appropriate distribution of livestock in the rangelands of North-East Iran. *Rangeland Journal*, 37(2): 191-197.
<https://doi.org/10.1071/RJ14027>, (Q2)
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuXpISgAAAAJ&cstart=20&pagesize=80&citation_for_view=nuXpISgAAAAJ:qIMakFHDy7sC
- 2014 • Sharifian-Bahraman, A., Barani, H., Abedi Sarvestani, A., and Haji-Mollahosseini, A. (2014). Analyzing effective factors on rangeland exploitation by using A'WOT (case study: Aq-Qala rangelands, Golestan, Iran). *Journal of Rangeland Science*, 4(2): 159-171. https://rangeland.borujerd.iau.ir/article_512964.html, (Q3)
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuXpISgAAAAJ&citation_for_view=nuXpISgAAAAJ:UeHWp8X0CEIC
- Sharifian-Bahraman, A., Barani, H., Abedi Sarvestani, A., and Haji-Mollahosseini, A. (2014). Identification and comparison of components influencing rangelands exploitation from the pastorals and experts viewpoint using SWOT and AHP. *Journal of Rangeland Science*, 4(4): 1-17.
https://rangeland.borujerd.iau.ir/article_510001.html, (Q3)
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuXpISgAAAAJ&citation_for_view=nuXpISgAAAAJ:Y0pCki6q_DkC
- 2013 • Saadatfar, A., Barani, H., Bahremand, A., Massah Bavani, Al., Sepehry A., and Abedi Sarvestani, A. (2013). Statistical downscaling HadCM3 model for detection and prediction of seasonal climatic variations (case study: Khahr rangeland, Kerman, Iran). *Journal of Rangeland Science*, 3(3): 265-274.
https://rangeland.borujerd.iau.ir/article_512991.html, (Q3)
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuXpISgAAAAJ&cstart=100&pagesize=100&citation_for_view=nuXpISgAAAAJ:Ytavs44e6CUC

Other International Journal Papers

- 2024 • Abedi Sarvestani, A. (2024). Origins, foundations and scope of agricultural ethics: A conceptual framework. *International Journal of Ethics and Society*, 6(1): 20-32. <http://dx.doi.org/10.22034/6.1.20>,
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuXpISgAAAAJ&sortBy=pubdate&citation_for_view=nuXpISgAAAAJ:oNZy7d5Mn4C
- 2023 • Golmohammadi, F., and Abedi Sarvestani, A. (2023). Indigenous knowledge for sustainable exploitation of water resources in the desert areas: Aqueducts (Qanats) repairing and reconstruction in the South Khorasan Province, East of Iran. *Agricultural Extension Journal*, 7(2): 1-13.
www.aextj.com/index.php/aextj/article/view/370/,
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuXpISgAAAAJ&cstart=20&pagesize=80&citation_for_view=nuXpISgAAAAJ:TIZ-Mc8llk0C
- 2022 • Owfi, R.E., Barani, H., and Abedi Sarvestani, A. (2022). Study of non-grazing conflicts in protected areas (case study: Bahram-e Goor protected area-Iran). *International Journal of Frontiers in Engineering and Technology Research*, 3(2): 044–055. <https://doi.org/10.53294/ijfetr.2022.3.2.0057>,
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuXpISgAAAAJ&cstart=20&pagesize=80&citation_for_view=nuXpISgAAAAJ:WqiGbk-HY8C
- Owfi, R.E., Barani, H., and Abedi Sarvestani, A. (2022). Study of grazing management conflicts in protected areas: A case study of Bahram-e Goor protected area, Iran. *European Modern Studies Journal*, 6(2): 1-18.
<https://journal-ems.com/index.php/emsj/article/view/487>,
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuXpISgAAAAJ&cstart=100&pagesize=100&citation_for_view=nuXpISgAAAAJ:_B80troHkn4C
- 2020 • Abedi Sarvestani, A., and Avarand, A. (2020). Food safety knowledge and practice and its relationship with literacy: The case of rural women in Iran. *Social Determinant of Health*, 6(1): e22.
<https://doi.org/10.22037/sdh.v6i1.32666>,
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuXpISgAAAAJ&cstart=20&pagesize=80&citation_for_view=nuXpISgAAAAJ:WbkHhVStYXYC
- 2019 • Abedi Sarvestani, A., and Avarand, A. (2019). Farm food safety practices in the north of Iran. *International Journal of Agricultural Management and Development*, 9(4), 379-389.
<https://dori.net/dor/20.1001.1.21595852.2019.9.4.7.1>,
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuXpISgAAAAJ&cstart=20&pagesize=80&citation_for_view=nuXpISgAAAAJ:aqIVkmm33-oC

- 2016
- Behmanesh, B., Abedi Sarvestani, A., Sherafatmandrad, M., Shahraki, M.R., and Hajili-Davaji, A. (2016). Assessment of rangeland degradation indicators using exploiters' view between authorized and unauthorized exploiters (case study: Saryqmish winter rangelands, Golestan province, Iran). *Desert*, 21(2): 105-113. <https://dx.doi.org/10.22059/jdesert.2016.60346>, https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuXpISgAAAAJ&citation_for_view=nuXpISgAAAAJ:zYLM7Y9cAGgC
 - Jafari Shalamzar, M., Berdi Sheikh, V., Saadodin, A., and Abedi Sarvestani, A. (2016). Analysis of the determinants of adoption of domestic rainwater harvesting systems (DRWHs) in Golestan Province, Iran. *Environmental Resources Research*, 4(1): 27-43. <https://dx.doi.org/10.22069/ijerr.2016.3151>, https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuXpISgAAAAJ&citation_for_view=nuXpISgAAAAJ:Tjk-4Ss8FVUC
 - Jafari Shalamzar, M., Berdi Sheikh, V., Saadodin, A., and Abedi Sarvestani, A. (2016). Public perception and acceptability toward domestic rainwater harvesting in Golestan, limits to up-scaling. *Ecopersia*, 4(3): 1437-1454. <http://dorl.net/dor/20.1001.1.23222700.2016.4.3.1.6>, https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuXpISgAAAAJ&citation_for_view=nuXpISgAAAAJ:2osOgNQ5qMEC
- 2011
- Shahraki, M.R., Abedi Sarvestani, A., and Barani, H. (2011). Participation and Success: A Study in Range Management Cooperatives, Iran. *Research journal of Environmental Sciences*, 5(10): 798-805. <https://dx.doi.org/10.3923/rjes.2011.798.805>, https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuXpISgAAAAJ&cstart=20&pagesize=80&citation_for_view=nuXpISgAAAAJ:u5HHmVD_u08C
- 2008
- Abedi Sarvestani, A., and Shahvali, M. (2008). Ecology and ethics: Some relationships for nature conservation. *Journal of Applied Sciences*, 8(4): 715-718. <https://doi.org/10.3923/jas.2008.715.718>, https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuXpISgAAAAJ&citation_for_view=nuXpISgAAAAJ:d1gkVwhDplOC
 - Abedi Sarvestani, A., and Shahvali, M. (2008). Environmental ethics: Toward an Islamic perspective. *American Eurasian Journal of Agricultural and Environmental Sciences*, 3(4): 609-617. [https://www.idosi.org/aejaes/jaes3\(4\)/15.pdf](https://www.idosi.org/aejaes/jaes3(4)/15.pdf), https://scholar.google.com/citations?view_op=view_citation&hl=en&user=nuXpISgAAAAJ&citation_for_view=nuXpISgAAAAJ:u-x6o8ySG0sC

ISC Journal Papers

- Published **101** scientific and peer-reviewed papers in ISC list (**with English abstract**). To view them, please follow this link: [List of ISC journal papers.pdf](#)

Book Authored

- Title: Fundamentals and approaches to environmental ethics. (2022) (Third Edition) [In Persian]. Publisher: Iranian Research Institute of Philosophy.

Book Chapters

- Shahvali, M.; Abedi Sarvestani, A.; and Chahrsooghi-Amin, H. (2014). The need for change in the management theories of agricultural extension organizations and natural resources. In: M. Shahvali (ed.), *New Management Theories of Agricultural and Natural Resources Extension and Education* (pp.5-20). Shiraz: Shiraz University Press. [In Persian].
- Shahvali, M.; and Abedi Sarvestani, A. (2014). Realization of future global approaches to agricultural and natural resources extension with management theory of learning organizations. In: M. Shahvali (ed.), *New Management Theories of Agricultural and Natural Resources Extension and Education* (pp.67-95). Shiraz: Shiraz University Press. [In Persian].
- Shahvali, M.; and Abedi Sarvestani, A. (2014). Fundamental and applied theories of management: Conditions and recommendations for use. In: M. Shahvali (ed.), *New Management Theories of Agricultural and Natural Resources Extension and Education* (pp.245-259). Shiraz: Shiraz University Press. [In Persian].
- Abedi Sarvestani, A.; Shahvali, M. (2010). Value orientation of Islamic environmental ethics: Essence and outcomes. In: K. Seyed-Emami (ed.), *Environment and Ethics: An Islamic Approach*. Tehran: Imam Sadeqh University. [In Persian].

Book Translated (into Persian)

- Rogers, A. (2010). *Adults Learning for Development*. Translators: A. Abedi Sarvestani, G.R. Mojaradi, M. Nooripoor, M. Ahmadvand. Gorgan: Publication of Gorgan University of Agricultural Sciences and Natural Resources. [In Persian].

HONORS AND APPRECIATIONS

Strong PhD Dissertation

- Recommendation letter from PhD co-supervisor indicating that PhD dissertation has strong prospects of being published by scientific publishers, 2023.

Appreciations

- Letter of appreciation for achieving highest growth of H-Index at the Department of Agricultural Extension and Education of Faculty of Agricultural Management, 2022.
- Letter of appreciation for provincial lecture entitled The Impact of the Epidemic on Management of Rangelands in Golestan Province, 2022.
- Letter of appreciation for implementing the provincial speech "Effects of Covid19 Pandemic on Rangeland Management in Golestan Province" in the research week, Golestan Province, Iran, 2022.

- Letter of appreciation for implementing the provincial educational virtual workshop “Analysis of Environmental Behavior and Ethics of the Citizens of Gorgan” in the research week, Golestan Province, Iran, 2022.
- Letter of appreciation for implementing the provincial speech “Ethical Challenges of Agricultural Development” in the research week, Golestan Province, Iran, 2020.
- Letter of appreciation for researches in Golestan province: Golestan Province Education Department General, December 2019.
- Letter of appreciation for cooperation in Legal Work Group of the Special Committee of the National Flood Report: Gorgan University of Agricultural Sciences and Natural Resources, December, 2019.
- Appreciation for voluntary study and research under the title: Foresight and analysis of the strengths and weakness, opportunities, and threats of the generalization project of carbon sequestration in Azadshahr county, Golestan province, and perspective strategies, Golestan Province General Directorate of Natural Resources & Watershed Management, 2018.
- Letter of appreciation for presenting one of the best articles in Conference on Natural Resources, Participation and Development: Iran Forests and Rangeland Organization, January 2000.

Festival Awarded

- Receiving an award for second place at the 8th National Ferdowsi Scientific-Research Festival for the translation of the book 'Adults Learning for Development' into Persian, 2012.

Top-Ranked PhD Student

- First ranked student in PhD cohort of Agricultural Extension and Education study in Shiraz University, 2008.

Talented Student

- Recognized as talented PhD student in Shiraz University, 2002.

SCIENTIFIC CONTRIBUTION/ COLLABORATION

Journal Editorial Board

- Member of the editorial board of “Journal of Studies in Entrepreneurship and Sustainable Agricultural Development”, 2021-present. <https://jead.gau.ac.ir/journal/editorial.board?lang=en>

National Mater Plan

- Participating in preparing zero phase report of Iran Integrated Watershed Management National Master Plan, 2015.

Reviewing Books

- Reviewing **2** books entitled: **1)** Explaining the Environmental Crises in Iran with a Critique of Main Stream of Sustainable Development, 2021 and **2)** Land Ethics in Persian literature, 2020, all published by Institute of Humanities and Cultural Studies publications, Iran.

Evaluation/Arbitration Activities

- Reviewed/arbitrated **17** university research project reports.
To view them, please follow this link: [Review and arbitration university research reports.pdf](#)

Supervision of the Research Projects

- Oversight **5** university research projects.
To view them, please follow this link: [Supervision of the research projects.pdf](#)

Committee Involvement

- Strategic Council of Future Mapping of University Ascendancy in 2026, Gorgan University of Agricultural Sciences and Natural Resources, Iran, 2021-Present.
- Working Group of Consultants of Preservation and Excellent Promotion of Education of University, Gorgan University of Agricultural Sciences and Natural Resources, Iran, 2018-Present.
- Legal Work Group-National Flood Report of the National Plan of the Presidency. Golestan Province, Iran, 2019-2021.
- Specialized Committee of National Plan of Determining Priorities of Bioethics, Research Institute of New Technologies of Biological Sciences of Academic Jihad-Avicenna, Iran, 2014.

Event Participation

- Participating to hold honouring and modelling program of Dr. Gholamali Beski, philanthropist and environmentalist, Golestan Province Elites Foundation, 2018.

Pre-Carrier Teaching

- Teaching **4** courses for undergraduate students during the PhD study in Shiraz University, 2003-2006.

Participation in International Conferences

- Participating in **22** international conferences/ congress.
To view them, please follow this link: [International conferences attended list.pdf](#)

Memberships

- Member of Iranian Association of Agricultural Extension and Education, Iran.
- Member of Iranian Association of Ethics in Science and Technology, Iran.

INTERNATIONAL COLLABORATION

Review **26** Aarticles for ISI International Journals

Collaborative Articles Publishing with academics at the international level

Contribution to the Parliament of the World's Religions

Sabbatical in the Netherlands

Participation in MENARID International Project

Participation in UNESCO Research Project

- 2024, **4** article for Environment, Development and Sustainability (IF: 4.9)
 - 2023, **12** articles for Environment, Development and Sustainability (IF: 4.9)
 - 2024, **2** article for International Journal of Water Resources Development (IF: 2)
 - 2024, **2** article for Water Resources Management (IF: 4.3)
 - 2023, **3** articles for Journal of Environmental Management (IF: 8.7)
 - 2023, **2** articles for Public Health Nutrition (IF: 3.2)
 - 2020, **1** article for Forest Policy and Economics (IF: 4)
- Wrote and published **five** articles in ISI journals in collaboration with university professors in *Australia, Japan, Belgium, Mexico, and the Netherlands* as follows:
1. Abedi Sarvestani, A., and Millar, J. (2024). Building readiness for climate change: A study of organizational learning in the management of natural resources, northeastern Iran. *Environmental Development*, 50: 100994. <https://doi.org/10.1016/j.envdev.2024.100994>. (Q2)
 2. Saboohi, R., Barani, H., Khodaghali, M., Abedi Sarvestani, A., Tahmasebi, A., and Feuer, H.N. (2022). Aligning trends in climatic parameters and nomads' indigenous knowledge about climate change in central Iran (case study: Semrom town). *Weather, Climate, and Society*, 14(3): 769-782. <https://doi.org/10.1175/WCAS-D-21-0041.1> (Q1)
 3. Abedi Sarvestani, A., and Ingram, V. (2020). Perceptions and practices of rural council participatory forest governance: Closed co-management in Chehel-Chay, Iran. *Forest Policy and Economics*, 117: 102202. <https://doi.org/10.1016/j.forpol.2020.102202>, (Q1)
 4. Joolaie, R., Abedi Sarvestani, A., Taheri, F., Van Passel, S., and Azadi, H. (2017). Sustainable cropping pattern in North Iran: Application of fuzzy goal programming. *Environment, Development and Sustainability*, 19(6): 2199–2216. <https://doi.org/10.1007/s10668-016-9849-9>, (Q1)
 5. Shahraki, M.R., Abedi Sarvestani, A., Seyedi, M.S., Rafiaani Khachak, P., Nieto-Garibay, A. Van Passel, S., and Azadi, H. (2015). The perception by pastoralists of the factors influencing the appropriate distribution of livestock in the rangelands of North-East Iran. *Rangeland Journal*, 37(2): 191-197. <https://doi.org/10.1071/RJ14027>, (Q2)
- One of 100 scholars and religious leaders cooperating with the Parliament of the World's Religions to expand "Global Ethics" by adding the "Fifth Directive": Commitment to culture of sustainability and care for the environment, 2018.
I was involved in evaluating and modifying the draft expansion of the Global Ethics Statement to include new sections on environmental protection and sustainability. This collaboration continued with the final editing and approval of this statement.
- Sabbatical at Forest and Nature Conservation Policy Group, Wageningen University, The Netherlands. Host: Dr Verina Ingram, July to September 2016.
- During the sabbatical, after getting to know the scholars and the departments of the host university, several activities followed, such as working on a joint research project with the host professor, attending scientific meetings, participating in graduate student defense meetings, discussing common research interests, and also publishing a scientific article.
- While I was on sabbatical leave, I focused on forest governance and the participatory role of local councils as the main problem to be researched.
- Participating in the First National Consensus Meeting of Comprehensive Management of Watersheds, MENARID International Project, Yazd University, 2015.
The MENARID Project is one of the projects of the United Nations Development Program (UNDP). The MENARID Project is a comprehensive plan to empower villagers and conserve natural resources that is being implemented in seven countries: Jordan, Algeria, Iran, Tunisia, Morocco, Egypt and Yemen. This project started in my country (Iran) in 2010 and is being expanded to other regions. The goal of this project is sustainable development, creating a platform for increasing people's employment, preserving the environment and natural resources, and developing tourism and handicrafts.
- Collaboration in the Research Project of Environment from the Point of View of Divine Religions, a project of The United Nations Educational, Scientific and Cultural Organization (UNESCO), conducted by the Academy of Sciences, Iran, 2010.
- This research project explored some insights into the environmental perspectives of religions. Important features of the project were to identify the historical roots of environmental crises, and the ways in which traditions might recognize the need for environmental stewardship and urge adherents to be stewards of the earth and its biodiversity.
- I involved in this research project by reviewing and preparing scientific materials, analyzing scientific information, data, issues, and writing the project report.

INTERNATIONAL INVITATIONS

- As Speaker in International Conferences**
- 2024**
- As distinguished speaker, 3rd Global Summit on Advances in Earth Science and Climate Change, Barcelona, Spain, 2024.
 - As speaker, World Environmental Research and Climate Change Conference, Chicago, USA, 2024.
 - As speaker, World Summit on Environmental Science and Engineering, Porto, Portugal, April 15-17, 2024.
 - As speaker, Symposium on World Economics, Finance and Business, Singapore, July 25-27, 2024.
 - As speaker, 3rd Global Summit on Environmental Science and Application, Osaka, Japan, April 22-24, 2024.
 - As speaker, World Congress on Earth Science and Climate Change, Paris, France, April 08-09, 2024.
 - As speaker, International Conference on Environmental Science & Green Energy, Paris, France, May 13-15, 2024.
- 2023**
- As distinguished speaker, 2nd Global Summit on Advances in Earth Science and Climate Change, London, UK, 2023.
 - As speaker, 3rd International Conference on Applied Science and Engineering, Bangkok, Thailand, October 23-24, 2023.
 - As speaker, International Meet on Animal Science and Veterinary Medicine, Dubai, UAE, October 19-21, 2023.
 - As speaker, World Congress on Earth Science and Climate Change, Paris, France, September 25-26, 2023.
 - As speaker, 2nd International Conference and Expo on Recycling and Waste Management, Paris, France, 2023.
- 2011**
- For oral presentation, International Symposium on Environment and Natural Resources, Selangor, Malaysia, November 15-17, 2011.
- As a Committee Member at International Conferences**
- As an organizing committee member, Environmental Science & Green Energy Conference, Paris, France, May 13-15, 2024.
 - As a member of technical program committee, International Conference on Agricultural Technology and Environmental Engineering (ATEE 2024), Xian, China, October 12-13, 2024.
 - As an organizing committee member, 4th International Conference on Environmental Science, Dubai, UAE, August 10-11, 2016.
- As International Journal Editor**
- As guest editor, Advances of Mechanical Engineering journal, 2023.
 - As youth editorial board member, Food and Health journal, 2023.
 - As member of Asian Council of Science Editors, 2022.
- As a Book Chapter Author**
- As a contributor to a chapter of a book entitled: "Watershed Resilience-Soil and Water Management in Arid Regions to Prevent Desertification, edited by: Gabrijel Ondrasek and Santosha Rathod, IntechOpen Book Publishing, London UK, 2023.
 - Invitation to contribute to the Handbook of Nature-Based Solutions to Mitigation and Adaptation to Climate Change, Springer Nature, London, 2022.
 - Invitation to participate in the book project under the working title: Rural Areas-Development and Transformation, IntechOpen Book Publishing, London UK, 2022.
- As Visiting Scholar**
- Invitation as visiting scholar at Faculty of Business Economics - Center for Environmental Sciences, Hasselt University, Belgium. The inviter: Prof. Steven Van Passel, 2014.
 - Invitation as visiting scholar at School of Education and Lifelong Learning, University of East Anglia, England. The inviter: Prof. Alan Rogers, 2012.

ADDITIONAL INFORMATION

Teaching

- Teaching university courses for undergraduate and graduate students, 2008-Present.
To view them, please follow this link: [Teaching at the university level.pdf](#)

Supervision and Advise Dissertations

- Supervision and Advise **70** PhD and Master's Dissertations.
To view them, please follow this link: [List of PhD-MSc Dissertation Supervision-Advising.pdf](#)

Administrative Experience

- Head of the Agricultural Extension and Education Department of the University, Dec.2014-Jun.2017; Jun.2019-Aug.2021; Sep.2023-Present.
- Director of Social Planning Affairs of the Student Deputy of the University, Sep.2012-Sep.2014.

References

- Steven Van Passel, Full Professor, Vice Rector Valorisation and Development, Faculty of Business and Economics, University of Antwerp, email: steven.vanpassel@uantwerp.be, Tel: +32 3 265 48 95
- Hossein Azadi, Professor, Gembloux Agro-Bio Tech, Laboratoire D'economie Et Developpement Rural, Universite De Liege, email: hossein.azadi@uliege.be, Tel: + 32 (0)81 62 23 62
- Joanne Millar, Senior Research Fellow (Environment and Livelihoods), Charles Sturt University, PO Box 789 Albury, NSW Australia 2640, email: jmillar@csu.edu.au, Tel: +61 (0)405040639
- Farhad Shirani Bidabadi, Associate Professor, Dept. of Agricultural Economics, Gorgan University of Agricultural Extension and Education, email: farhadshirani2000@yahoo.com, Tel:+98 (0)17 32426845
- Ramtin Joolaie, Associate Professor, Dept. of Agricultural Economics, Gorgan University of Agricultural Extension and Education, email: r_joolaie@yahoo.com, Tel:+98 (0)17 32426845