PERSONAL INFORMATION:

Full Name: Sepideh Saeidi

Nationality: IRANIAN

Academic Level: Assistant Professor

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EDUCATION:

- **PhD of Environmental Sciences- Land use planning ,**
Gorgan University of Agricultural Sciences and Natural Resources (Gorgan, Iran)- 2013-2017.

- **M.Sc. of Environmental Sciences, Land Evaluation and Landuse Planning**
Gorgan University of Agricultural Sciences and Natural Resources (Gorgan, Iran), 2011-2013.

- **B.Sc., Degree in Environmental Sciences**
Gorgan University of Agricultural Sciences and Natural Resources (Gorgan, Iran), 2008-2011.

RESEARCH INTEREST:

- Life Cycle Assessment (LCA)
- Landuse planning
- Environmental Impact assessment
- Landscape visual quality assessment
- Geographic Information System

PUBLICATION:

ISI papers:

- Parvar, Z., Saeidi[*], S., & Mirkarimi, S. (2024). Integrating meteorological and geospatial data for forest fire risk assessment. Journal of environmental management, 358, 120925.

- Parvar, Z., Mohammadzadeh, M., & Saeidi, S. (2024). LCZ framework and landscape metrics: Exploration of urban and peri-urban thermal environment emphasizing 2/3D characteristics. Building and Environment, 254, 111370.

- Saeidi. S., Mirkarimi , S.H., Mohammadzadeh. M., Salman mahiny. A.R. & Arrowsmith, C. 2019. " Assessing the visual impacts of new urban features with different scenarios of height and location: Coupling visibility analysis with 3D city modelling". Geocarto international journal.

- Saeidi. S., Mirkarimi , S.H., Mohammadzadeh. M., Salman mahiny. A.R. & Arrowsmith, C. 2018. "Designing an integrated urban growth prediction model: "a scenario-based approach for preserving scenic landscapes". Geocarto international journal.

- Saeidi. S., Mohammadzadeh. M., Salman mahiny. A.R. and Mirkarimi. H. 2017. "Performance evaluation of multiple methods for landscape aesthetics suitability mapping: A comparative study between Multi Criteria Evaluation, Logistic Regression and Multi-Layer Perceptron neural network". Land use policy, 67:1-12

- Sakieh,Y., Salmanmahiny, A.R., Mirkarimi, S. H. & Saeidi, S. 2016. "Measuring the relationships between landscape aesthetics suitability and spatial patterns of urbanized lands: an informed modelling framework for developing urban growth scenarios". Geocarto international journal, DOI:10.1080/10106049.2016.1178817.

Journal publications (in Persian)

- Parvar, Z., Mohammadzadeh, M. Saeidi, S., 2023. Effects of Land Use and Land Morphology on Land Surface Temperature: A Case Study for Bojnourd City, North Khorasan. Journal of RS & GIS for natural resources, doi: 10.30495/GIRS.2022.1973023.2021

- Parvar, Z., Mohammadzadeh, M. Saeidi, S., 2023. Quantitative Assessment of Spatio-Temporal Dynamics of Land Use/Land Cover and Land Surface Temperature Using Different Algorithms and Landsat Imagery, Journal of Natural Environment, doi: 10.22059/JNE.2023.350109.2484.

- Parvar, Z., Mohammadzadeh, M. Saeidi, S. 2023. Analysis of spatial heterogeneity and driving factors of land surface temperature using spatial regression models. Journal of Renewable Natural Resources Research, Vol. 14, No, 2, PP: 97-113.

- Amirian, S., Mohammadzadeh, M., Mirkarimi. S. H., Saeidi, S. 2023. Identifying economic and cultural criteria affecting aesthetic values using Delphi approach and public questionnaire in Gorgan city. Vol. 14, No, 2, PP: 153-164.

- Saeidi. S., Mirkarimi , S.H., Mohammadzadeh. M., Salman mahiny. A.R. 2022. A comparison of different heuristic, mathematical, and intelligent methods in urban landscape aesthetic evaluation (Case study: Gorgan city), Journal of Renewable Natural Resources Research, Vol. 13, No, 1, PP: 141 -156.

- Broghani, M., Mirkarimi. S. H. Mohammadzadeh, M., Saeidi, S. 2021. Using Principe Component Analysis to Identify the Most Important Criteria on the Preferences of Walking Tracks of Ziarat Watershed Basin. Journal of Environmental Research, Vol. 12, No 23, pp: 81-90.

- Saeidi, S., Mohammadzadeh, M., Salmanmahiny. A. R. and Mirkarimi. S. H. 2012. "Surveying the Different Methods of Landscape Aesthetic Quality Assessment". Journal of Environment and Development, Vol. 4, No. 8, pp: 59-70.
- Mirkarimi. S. H. Saeidi, S., Mohammadzadeh, M. and Salmanmahiny. A. R. 2013. "Usage of PCA Method in Landscape Visual Quality Assessment (Case study: Ziarat Watershed of Golestan Province)". Journal of Environmental Studies, Vol. 40, No. 2, pp: 461-452.
- Saeidi, S. and Mirkarimi. S. H. 2013. "Performance Measurement: A Necessity for Sustainable Management of Protected Areas". Journal of Conservation and Utilization of Natural Resources, Vol. 1 (2), pp:76-89.
- Saeidi, S., and Salmanmahiny. A. R. 2014. "Modeling of Landscape Aesthetic Values using Artificial Neural Network Method (Case study: Ziarat watershed basin, Gorgan, Golestan)". Journal of Environmental Research, Vol. 1, No, pp: 3-10.
- Saeidi, S., Mohammadzadeh, M., Salmanmahiny. A. R. and Mirkarimi. S. H. 2013. "Assessing & Modeling of Landscape Scenic Values Using Weighted Linear Combination Method". Journal of Natural Environment, Vol. 67. No. 3, pp: 301-313.
- Saeidi, S., Mohammadzadeh, M., Salmanmahiny. A. R. and Mirkarimi. S. H. 2016. "Application of Logistic Regression in Landscape Aesthetic Quality Modelling". Journal of Environmental Studies, No. 78, pp: 427-439.
- Saeidi, S., Mohammadzadeh, M., Salmanmahiny. A. R. and Mirkarimi. S. H. 2016. "The objective and subjective criteria which are effective on the scenic beauty perception of landscapes". Journal of Conservation and Utilization of Natural Resources, Vol. 5 (1), pp 17-35.
- Mirkarimi. S. H. Saeidi, S. and Saeidi, S. 2016. "Principles and Concepts to Achieve Successful Ecotourism". Journal of Human and Environment, No. 37, pp13-23.
- Saeidi, S. and Mohammadzadeh, M. 2015. "Fundamental of 3D Modeling of Spatial Data". Journal of Human and Environment, No, 34, pp 29-42.
- Saeidi, S., Mohammadzadeh, M., Salmanmahiny. A. R. and Mirkarimi. S. H. 2014. "Identifying the Most Important Criteria Affect Landscape Visual Quality". Journal of Environmental Science and Technology.
- Saeidi, S., Mohammadzadeh, M., Salmanmahiny. A. R. and Mirkarimi. S. H. 2019. "Visual Impact Assessment of Walking Trails in Natural Recreational Areas. Accepted in Journal of Environmental Science and Technology, Vol. 21 (1),No. 80, pp 17-35.

- Saeidi, Sepideh and Saeidi, Sahar. 2016. Capturing Landscape Visual Character Using Indicators: Touching Base with Landscape Aesthetic Theory. Accepted in Human and Environment Journal.
- Saeidi. S., Mirkarimi , S.H., Mohammadzadeh. M., Salman mahiny. A.R. 2017. "Comparing the Performance of Three Different Computer Methods in Landscape Aesthetic Evaluation (Case Study: Gorgan City)". Accepted in environmental studies journal.
- Saeidi. S., Mirkarimi , S.H., Mohammadzadeh. M., Salman mahiny. A.R. 2016. "Surveying the Effects of Urban Growth on Aesthetic Suitability Value of Scenic Patches". Geographical Planning of Space Quaterly journal.
- Saeidi. Sahar., Salmanmahiny, A.R., & Saeidi, Sepideh. 2019. "Assessing the socio- economic rural development level of Golestan province townships using TOPSIS and Entropy meThods". Journal of Environmental Science and Technology,

Conferences

- Jafari, A., Saeidi, S., Rezaei, H. 2024. Application of life cycle assessment in oil, gas and petrochemical company. The 2nd National and the 1st International Conference of Environmental Challenges: Green Industry and Mining. Tarbiat Modares University, Tehran, Iran, 14th-15th May, 2024.
- Darabi, S., Saeidi. S., Mirkarimi , S.H. 2024. The Principles of Choosing the appropriate method for Health, Safety and Environmental risk assessment in industries. The 2nd National and the 1st International Conference of Environmental Challenges: Green Industry and Mining. Tarbiat Modares University, Tehran, Iran, 14th-15th May, 2024.
- Saeidi, S., Ebrahimi., SH., Kolbadinejad., M., Malekzadeh., S., Yousefipour, M., Khanahmadi, M. 2024. Analysis of factors affecting the creation of dust and providing management solutions with the DPSIR approach (Case study: Golestan province). The 2nd National and the 1st International Conference of Environmental Challenges: Green Industry and Mining. Tarbiat Modares University, Tehran, Iran, 14th-15th May, 2024.
- Saeidi, S., Mohammadzadeh, M., Salmanmahiny. A. R. and Mirkarimi. S. H. 2012. "Different methods and approaches in assessing and modeling of landscape visual quality". The sixth National Conference on Environment Day, June (2012), Tehran University of Iran.

- Saeidi, Sepideh. and Saeidi, Sahar. 2013. "The significance of identifying high biodiversity areas to improve environmental protection". The National Conference of Tourism development. May (2013), Galikesh Payamenoor University of Golestan.

ACADEMIC TEACHING EXPERIENCE:

- Methods of Environmental Assessment & planning (PhD)
- Landscape planning (MSc)
- Environmental planning and management techniques(MSc)
- Climate change Impact Assessment (MSc)
- Environmental Impact Assessment (MSc)
- Urban environment (BA)
- Cartography (BA)
- Climate change (BA)
- Environment and Sustainable development (BA)

AWARDS:

- M.Sc. Scholarship - Iranian Government, 2011- 2013.

-PhD Scholarship - Iranian Government, 2013- 2017.

- Research scholarship at RMIT university of Australia- Iranian Government Oct 2016-Jun 2017.

- Top student of undergraduate school (Bachelor students) of Gorgan University of Agricultural Sciences and Natural Resources, 2010.

 -Top researcher of Gorgan University of Agricultural Sciences and Natural Resources among MSc students (2013).

- Top researcher of Gorgan University of Agricultural Sciences and Natural Resources among PhD students, 2016.

LANGUAGES:

- Persian
- English