

CURRICULUM VITAE



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Educational Background: (Last One First)

Certificate Degree	Field of Specialization	Name of Institution Attended	Date Received
<i>B. Sc</i>	<i>urban planning</i>	<i>University of Tabriz</i>	<i>2003</i>
<i>M. Sc</i>	<i>urban planning</i>	<i>University of Tabriz</i>	<i>2007</i>
<i>Ph.D</i>	<i>urban planning</i>	<i>University of Tabriz</i>	<i>2013</i>

Title of Post-Graduate Thesis: Analysis of air pollutions caused by unsuitable site selection of industrial centers in Tabriz city, using artificial neural network

Title of *Ph.D* Thesis: Evaluation and modeling urban spatial structure with spatial reference to infill development. case study, Tabriz city

Sabbatical periods

Field of Specialization	Name of Institution Attended	Date Received
URBES (Urban Biodiversity and Ecosystem Services)	Urban and landscape ecology, University of Salzburg	2012
Urban Land Protection	Urban and landscape ecology, University of Salzburg	2018
Urban Agriculture- Edible city	Urban and landscape ecology, University of Salzburg	2021
Urban nature management by NBS	Urban and landscape ecology, University of Salzburg	2022

Research Interests:

1. Urban smart solutions
2. Natural base solutions
3. Urban landscape planning and management
4. Urban and Ecosystem services
5. Spatial planning
6. Urban agriculture
7. Edible city
8. Urban Infill development
9. Urban land use modeling
10. Urban sustainable development
11. Urban green space planning
12. Regional planning
13. Land use planning

Teaching Experiences: (Last One First)

Publications:

A :Book chapter

- **Rahimi, A., Breuste, J.,** Making Green Cities Concepts, Challenges and Practice, compilation, Springer, 2020/04/01

B: Papers

- **Tarashkar Mahsa, Qureshi Salman, Wang Zhifang, Rahimi Akbar, 2024,** Public perceptions towards urban horticulture in front-yard greenhouses: Unveiling ecosystem services and practices for sustainable and resilient city, *Sustainable Futures*, 7, 1-13
- **Tarashkar Mahsa, Qureshi Salman, Rahimi Akbar, 2024,** Exploring perceptions, cognitive factors, and motivations: A study on green structures on residential rooftops, *URBAN FORESTRY and URBAN GREENING*, 96, 1-16
- **Rahimi, A., Davatgar Khorsand, E, Breuste, J, Karimzadeh, H, 2023.** Gender justice in green space use in relation to different socio-economic conditions in Tabriz, Iran, *Sustainable Cities and Society*, 99, 1-16
- **Rahimi, A, Nobar, Z., 2023.** The impact of planting scenarios on agricultural productivity and thermal comfort in urban agriculture land (case study: Tabriz, Iran), *Frontiers in Ecology and Evolution*, Accepted.
- **Tarashkar, M, Matloubi, M., Qureshi, S., Rahimi, A., 2023.** Assessing the growth-stimulating effect of tea waste compost in urban agriculture while identifying the benefits of household waste carbon dioxide, *Ecological Indicators* 151 (2023) 110292, doi.org/10.1016/j.ecolind.2023.110292.
- **Sabouri, R, Breuste, J, Rahimi, A. 2023,** A planted forest in the mountain steppe of Tabriz, Iran: Visitor's perceptions of Eynali Urban Woodland Park, *Frontiers in Forests and Global Change*, Doi: 10.3389/ffgc.2023.963809.
- **Rahimi A., Nagshbandi, R, 2023,** Improving the Environmental Qualities of City Entrances According to People's Views (A Case Study: Saqqez City Entrances). *Journal of Geography and environmental planning*, 34, 89. . Doi: 10.22108/gep.2021.124548.1343
- **Rahimi Akbar, Breuste Jurgen, TARASHKAR MAHSA, 2022,** QUANTIFYING THE QUALITY AND DETECTING SOCIAL INEQUALITY IN THE PROSPEROUS AND DEPRIVED ZONES URBAN PARKS OF TABRIZ, IRAN, *Carpathian Journal of Earth and Environmental Sciences*, 2, 413-423
- **Qureshi Salman, Tarashkar Mahsa, Matloubi Mansour, Wang Zhifang, Rahimi Akbar, 2022,** Understanding the dynamics of urban horticulture by socially-oriented practices and populace perception: Seeking future outlook through a comprehensive review, *LAND USE POLICY*, 122, 106398
- **Aliakbary, K, Rahimi, 2022,** Evaluation of the Level of Satisfaction of Ilami Citizens with the Capabilities and Effectiveness of Choghasabz Forest Park, *Journal of Ilam culture*, 22, 72-73.
- **Rahimi A., Dahri, M, 2022,** Urban Agriculture and its Effect on Urban Sustainable Development (Case study Tabriz city), *journal of agricultural sciencesustainable production* 32, 4, Doi: 10.22034/saps.2022.43458.2592
- **Arezoo Shafaati, Reza Valizade, Akbar Rahimi, Ali Panahi, 2022,** The Role of Smart Urban Development in the Development of the Dilapidated Areas of Tabriz City: A Case Study of 8th District of Tabriz, *Journal of Geography and environmental planning*, 33, 85. Doi: 10.22108/gep.2021.125940.1374
- **Rahimi, A, Breuste J, 2021,** Why is Lake Urmia Drying up? Prognostic Modeling With Land-Use Data and Artificial Neural Network, *Frontiers in Environmental Science*, 9, 1-11
- **Rahimi, A, Tarashkar, M, Jahantab, B, 2021,** Contribution of Design Indicators in Perception of Social Capital, and Interference of Socio-Demographic Information in the Process, *Sustainability*, 13, 1-14
- **Rahimi A., Nagshbandi, R, 2021,** Evaluation of preferences in the Landscape of the entrances of Saqqez city, *Journal of Geography and planning*, 25,95. Doi: 10.22034/GP.2021.42366.2723

- **Rahimi, A, Breuste J, 2020**, Changes in Urban Green Infrastructure in Tabriz, Iran, Making Green Cities: Concepts, Challenges and Practice, Springer press.
- **Rahimi, A, 2020**, Urban Land Policies and Their Impact on the Development of Tabriz, Quarterly journal of Environmental based territorial planning, 13(48), 109-130
- **Rahimi, A, 2020**, Evaluation of urban green spaces in Tabriz from 1976 to 2016 using satellite images and changes prediction with artificial neural networks, Journal of Geography and planning, 24, 67-82.
- **Rahimi, A, 2019**, Evaluation of Tabriz Sprawl Growth using Satellite Images and Probability Development Modeling, Geography and environmental planning, 29,4, 109-124.
- **Rahimi, A, Vaezi, M., Bakooyi, M., 2019**, The Study of migration Trends and effective factors in Harris County, Regnal Planning, 9, 34, 108-116.
- **Rahimi, A, Vaezi, M., Mohamadi, H., Bakooyi, M., 2018**, Evaluation of Gender Justice in Urban Public Spaces (A Case Study: Tabriz City Center), quarterly journal of Woman and Society, 9, 2019-244.
- **Rahimi, A, 2018**, Infill Development, a New Approach to Protect Urban Land in Tabriz, Journal of Geography and planning , 22, 78-98.
- **Rahimi, A, Moharrami, M., Faraji, F., 2018**, Evaluating the structure of urban parks in Tabriz using network analysis and their optimal location by FAHP, journal management system, 5, 105-119.
- **Rahimi, A, 2017**, Short Term Prediction of NO₂ and NO_x Concentrations Using Multilayer Perceptron Neural Network, case study of Tabriz, Iran, , Ecological Processes, springer, 6, 1-12.
- **Rahimi, A., 2017**, Urban land use changes and its impact in public urban land use in Tabriz, Journal of Geography and planning, 21, 59, 65-88.
- **Rahimi, A., 2017**, Urban land use changes and its impact in public urban land use in Tabriz, Journal of Geography and planning, accepted.
- **Rahimi, A., 2017**, Urban land polices and Tabriz urban development, quarterly journal of environmental based territorial planning, accepted.
- **Rahimi, A., 2016**. A methodological approach to urban land-use change modeling using infill development pattern—a case study in Tabriz, Iran Ecological Processes, springer. 5-1, 1-15.
- **Sadrmousavi, M. S. Pourmohammadi, M, Rahimi, A., 2016**, An Analysis of Urban Land Use Changes in Tabriz using Land Transformation Model, Journal of Geography and planning, 19, 54, 189-209.
- **Breuste J., Rahimi, A., 2015**, Many public urban parks, but who profits from them? The example of Tabriz, Iran, Ecological Processes, springer, 4, 1-15.
- **Rahimi, A., 2014**, Modeling of Tabriz Expansion in 2031 using Land Transformation model, journal of urban ecology research, 5, 2, 99-110.
- **Sadrmousavi, M. S., Rahimi, A., 2012**. Analyses of Spatial Expansion Process in Tabriz City and Demolition of Agriculture Area and Urban Green Spaces, Journal of geography and regional and urban land use, 4. 99-109.
- **Sadrmousavi, M. S., Rahimi, A., 2010**. Results Comparison of Multilayer Perceptron Neural Networks and Multiple Linear Regressions for Prediction Ozone Concentration in Tabriz City, Journal of Geographical researches, 71. 65-72.
- **Ghorbani. R., Rahimi, A., 2008**. Urban strategic planning, dimensions and applications, Journal of Geography and planning, 26, 61-76.
- **Sadrmousavi, M. S., Rahimi, A., 2008**. The Application of Artificial Neural Networks in Prediction of Air Pollutant Concentration: A Case Study of Tabriz, Iran, Iranian Journal of natural resources. 61, 3, 681- 691.

C- Conferences:

- **Rahimi Akbar, Breuste Jurgen, Saburi Ramin, 2021**, , Visitor's perceptions of Eynali Urban Woodland Park in the Mountain Steppe of Tabriz, Iran, Third World Conference of the Society for Urban Ecology, announcer, complete article. Poznan.
- **Rahimi Akbar, Breuste Jurgen, Tarashkar Mahsa, 2021**. Quantifying the quality and detecting social inequality in the prosperous and deprived zones urban parks of Tabriz, Iran, Third World Conference of the Society for Urban Ecology, announcer, complete article. Poznan.
- **Rahimi Akbar, 2018**, , URBAN AIR POLLUTION MODELLING USING NEURAL NETWORK, 9th International Conference on Sustainable Built Environment, Iran
- **Rahimi A., Nagshbandi, R, 2018**, The use of landscaping on the edge of roads to provide security, the first international conference on urban and intercity roads landscape, Tehran. Iran.
- **Rahimi, A., 2017**, spatial development pattern in Tabriz and urban green, 3th international conference on applied research in civil engineering, architecture and urban management, 10 march, 2017. Tehran
- **Rahimi, A., 2017**, urban development and urban public land use, 4th international conference in civil, architecture and urban economic development, May 2017, Shiraz.

- **Rahimi, A., 2017**, urban development and green space changes, 4th international conference in civil, architecture and urban economic development, May 2017, Shiraz.
- **Rahimi, A., 2017**, evolution of green spaces from 1975 to 2015 and urban future modeling using ANN. 4th international conference in civil, architecture and urban economic development, May 2017, Shiraz.
- **Rahimi, A., 2016**, Evaluation and modeling Urmia lake land use changes, international conference of geographic and environmental impacts of Urmia lake condition, 23-24 November 2016, Tabriz.
- **Rahimi, A., 2015**, safety and urban parks design, a new vision towards: urban planning, safety and crime prevention in urban spaces, 16- 17 December, Tabriz, Iran.
- **Breuste, J., A. Rahimi, 2014**, Social status and urban ecological services accessibility in Tabriz, Iran. Proceedings of the IFLA-APR Fifth International Cultural Landscape Conference, 2014, Teheran, Iran, 8 pages.
- **Breuste, J., A. Rahimi, 2013**, Supply of ecological services by urban parks to neighborhoods in Tabriz, Iran. 1st Congress of the Society for Urban Ecology, 25-27 July 2012, Berlin, Germany. 7 pages.
- **Nazmfar, A., Rahimi, A., 2008**. APPLICATION OF GIS IN URBAN WATER MANAGEMENT IN CRITICAL CONDITION, 5th international conference on GIS, 5 July 2008, Istanbul, turkey.
- **Sadrmousavi, M. S., Rahimi, A., 2008**. Prediction on O3 using linear and nonlinear method in Tabriz, 2th Scientific Seminar of environmental Engineering, 17-21 May 2008 Tehran, Iran
- **Rahimi, A., SUSTAINABLE TOURISM DEVELOPMENT IN TABRIZ CITY, IRAN**, International Tourism Conference 2008 Alanya, Turkey, July 10-15, 2008, Alanya, Turkey.
- **Ghorbani. R., Rahimi, A., 2007**. urban expansion and land use changes analyses of Bonab County using remote sensing and GIS, 5th international conference on GIS, 5 July 2007, Istanbul, turkey.
- **Sadrmousavi, M. S., Rahimi, A., 2007**. Application of MLP neural network in prediction of NO2 and NOx concentration using metrological parameter, 1th Scientific Seminar of environmental Engineering, February 20-22, 2007, Tehran, Iran.
- **Sadrmousavi, M. S., Rahimi, A., 2007**. The Application of Artificial Neural Networks in Prediction of Air Pollutant Concentration: A Case Study of Tabriz, 1th Seminar on environmental and urban Sustainable, March 6, 2007, Babolsar, Iran.