

Dr. Marjan Khaleghi

Education

- 2018.10 – 2022.03 **Nagoya University, Nagoya, Japan**
- **Doctorate in Environmental Studies**
(Graduate School of Environmental Studies, Department of Environmental Engineering and Architecture, Regional Strategy Lab)
Dissertation: *A study on mode choice for young adolescents' non-school travel in Japanese rural areas and suburbia: Reevaluating independent mobility by adopting a socio-ecological approach*
Supervisor: Professor Hirokazu Kato
- 2010.09 – 2013.01 **Shahid Beheshti University, Tehran, Iran**
- **Master's Degree in Urban Design**
Credits: 43
CGPA: 18.70/20
Thesis: *Urban Design Guideline towards Mitigating the Negative Impacts of Elevated Highways on their Adjacent Neighborhoods; Case Study: Sadr Expressway*
Supervisor: Professor Jahanshah Pakzad
- 2005.09 – 2010.06 **Shahid Beheshti University, Tehran, Iran, Sep. 2005 - Jun. 2010**
- **Bachelor's Degree in Architectural Engineering**
Credits: 140
CGPA: 18.40/20
Thesis: *Residential Complex Design in Bumehen, Tehran Province*
Supervisor: Assistant Professor Zahra Taghi

Work Experience

- 2023.12 – Present Norwegian University of Science and technology (NTNU)
Graduate School of Architecture and Design
Department of Architecture and Planning
[Smart Sustainable Cities](#)
Project Manager/Researcher (100%)
• Managing the WP 1: Impact Model of the [Re-Value Project](#)
• Supporting the WP 9: Management of the [Re-Value Project](#)
- 2023.04 – 2023.11 Nagoya University
Graduate School of Environmental Studies
Department of Environmental Engineering and Architecture
[Education and Research Center for Sustainable Co-Development](#)
Postdoctoral Researcher & Regional Coordinator, Global Covenant of Mayors (GCoM) for Climate and Energy/ Japan (100%)
• Managing the international/regional exchanges of the GCoM Japan secretariat (communication expert)

- Developing new plans/events for encouraging the engagement of different stakeholders to amplify climate action (e.g., Youth/Mayors' round-table dialogue)
- Promoting the exchange of good practices on the ground on a national and international level
- Organizing domestic and international events and drafting concept notes
- Moderating/facilitating the events related to the GCoM Japan and GCoM Asia
- Conducting research based on the project's progress and diving deeper into the findings and collected data
- Sharing the findings of the projects in international platforms (e.g., journals, associations, and conferences)

2022.04 – 2023.03

Nagoya University

Graduate School of Environmental Studies

Department of Environmental Engineering and Architecture

[Education and Research Center for Sustainable Co-Development](#)

Postdoctoral Researcher &

Regional Coordinator, Global Covenant of Mayors (GCoM) for Climate and Energy/ Japan (80%)

- Cooperated with a team of researchers working on devising a methodology for assessing mobility revolution with low carbonization based on the conceptual frameworks of WtoW (Well to Wheel), LCA (Life Cycle Assessment), and SyLCEL (System Life Cycle Environmental Load)
- Disseminated the project's achievements in various platforms (e.g., journals, events, and conferences)
- Managed the international/regional exchanges of the GCoM Japan secretariat
- Held multiple seminars and capacity-building workshops for the working-level officials of the local governments
- Cooperated in the preparation of the preliminary regional/national strategic plan (2021-2024) for the GCoM Japan secretariat and its partners

2021.10 – 2022.03

Nagoya University

Graduate School of Environmental Studies

Department of Environmental Engineering and Architecture

[Education and Research Center for Sustainable Co-Development](#)

Postdoctoral Researcher &

Regional Coordinator, Global Covenant of Mayors (GCoM) for Climate and Energy/ Japan (53%)

- Managed the international/regional exchanges of the GCoM Japan secretariat
- Shared the projects outcome and best practices in different events

2019.05 – 2020.02

Nagoya University, Graduate School of Environmental Studies

University Research Assistant (8%)

- Facilitated the smooth management of the On-site Research Training course
- Developed and conducted transdisciplinary research based on the foundation of clinical environmental studies
- Held workshops and interviews; drafted progress reports, and research notes

2019.08 – 2019.10

World Economic Forum Centre for the Fourth Industrial Revolution Japan

Intern of Smart/Green Mobility (21%)

- Researched the application of smart/green mobility in Japan and worldwide
- Assisted in the development of a white paper titled: "Transforming Rural Mobility in Japan and the World," published in January 2020

2013.06 – 2014.02

Persit Company, Tehran, Iran

Architect (100%)

- Engaged with the architectural/interior designs of the renovation projects (mainly residential buildings)
- Investigation and procurement of new materials for interior design projects
- Designed landscape elements

2008.06 – 2008.09

DACE Consulting Engineering Inc., Tehran, Iran

Apprentice Architect (100%)

- Responsible for the space planning of a cultural history museum in Semnan, Iran

Teaching Experience

2016.12 – 2017.02

University of Science and Culture, Tehran, Iran

Architecture Lecturer (21%)

Course Title: Practical geometry for architects (for first-year undergraduates)

- Taught the concepts and practical skills necessary for spatial visualization and geometric drawings
- Monitored students' progress and helped everyone to keep up with the class
- Graded weekly assignments and the final projects

2009.10 – 2010.02

Shahid Beheshti University, Tehran, Iran

University Teaching Assistant (13%)

Course Title: Architecture atelier I

- Counseled students experiencing difficulties with geometry-related assignments
- Graded weekly assignments

Short-term Schools/Courses

2019.03

- **"2019 ProSPER.Net Young Researchers' School on Ecosystem-based Disaster Risk Reduction and Climate Change Adaptation":** 10 days

This spring school was organized by United Nations University and Gadjah Mada University, Yogyakarta, Indonesia

My team and I developed a research proposal titled "Building Amphibious Settlements in Kampung Baru, Jakarta," in which we provided design solutions to the recurrent flooding issue in Jakarta.

2017.09

- **"2017 Blue Growth Summer School":** 12 days

This summer school was organized by Ghent University, Ostend, Belgium

Theme: Blue Growth themes (maritime and marine) concerning ocean sciences, research and development, and innovation

2017.01

- **"2017 Delta Z Workshop":** 11 days (110 hours)

The workshop was a close collaboration between the Iranian Contemporary Architects Association and Edouard Cabay & Rodrigo Aguirre from the Institute

for Advanced Architecture of Catalonia (laac), Tehran, Iran

Theme: Parametrizing 2D Islamic geometry patterns with Rhino/Grasshopper and discovering their potential for a manifestation to 3D structures

Certificates

2021.09

Postgraduate Certificate in Integrated Environmental Studies

Integrated Environmental Studies is an educational intensive 1-year program for doctoral course students at Nagoya University. The two main pillars of this program are "Clinical Environmental Studies" and "Basic Environmental Studies." The former is implemented through a unique course called ORT (On-site Research Training), in which students learn to understand local issues from a clinical point of view by diagnosing the problems, providing treatment, and predicting the possible emerging issues by monitoring the realized solutions. I was the only student in this course in 2019 and early 2020 and researched the communication issues among Japanese locals and newcomers in rural Japan. I presented my research findings at the 23rd Annual Meeting of the Japan Association for Human and Environmental Symbiosis (JAHERS) and received the Excellent Presentation Award.

Honors

2023 (Nov.-Dec.)

Grand Prize for Climate Change Action

(Global Covenant of Mayors of Climate and Energy Secretariat team in Japan received the award along with its signatory members from the Ministry of Environment in Japan)

2020 (received in 2021)

Granted Excellent Presentation Award

(Excellent research results in environmental symbiosis in oral presentations) from the 23rd Annual Meeting of the Japan Association for Human and Environmental Symbiosis (JAHERS)

2018.04 – 2021.09

Received a Japanese Government (MEXT) Scholarship for 3.5 years

2013

Awarded First Class Honors for an overall GPA of 18.70/20 (3.83/4), master's degree in urban design, Shahid Beheshti University

2013

Appreciated for Master's Thesis Highest Achievement, Shahid Beheshti University

2010

Awarded First Class Honors for an overall GPA of 18.40/20 (3.79/4), bachelor's degree in architectural engineering, Shahid Beheshti University

Publications (Peer-Reviewed)

2023

- Khaleghi, Marjan, Kato, Hirokazu "Children's Non-School Trips, Travel-Related Subjective Well-Being, and Life Satisfaction: Evidence from Young Adolescents in Rural Japan." Transportation Research Part A: Policy and Practice, 169, 103591. <https://doi.org/10.1016/j.tra.2023.103591>

2022

- Khaleghi, Marjan "A study on mode choice for young adolescents' non-school travel in Japanese rural areas and suburbia: Reevaluating independent mobility by adopting a socio-ecological approach" [Doctoral dissertation, Nagoya University]. Nagoya Repository. <https://nagoya.repo.nii.ac.jp/records/2002666#.YzBCey8RpQI>

- 2022 - Khaleghi, Marjan, Kato, Hirokazu, Oono, Yuuki "Understanding the Effects of Household, Psychological, and Environmental Factors on the Scope of Independent Non-School Trips Realized by Walking/Cycling and Public Transport in Young Adolescents (12-15): Evidence from Small Towns and Rural Areas in Japan". Journal of the Eastern Asia Society for Transportation Studies, 14, 2483–2502. <https://doi.org/10.11175/easts.14.2483>
- 2021 - Khaleghi, Marjan, Kato, Hirokazu, & Oono, Yuuki "A QUALITATIVE STUDY ON THE TRAVEL BEHAVIOR OF JUNIOR HIGH SCHOOL STUDENTS IN A RURAL AREA IN JAPAN." Journal of Japan Society of Civil Engineers, Ser. D3 (Infrastructure Planning and Management), 76(5), 1_1185-1_1196. https://doi.org/10.2208/jscejipm.76.5_1_1185
- 2020 - Khaleghi Marjan, Kato Hirokazu "Public Transportation for Children." In: Leal Filho W., Azul A., Brandli L., Özuyar P., Wall T. (eds) Sustainable Cities and Communities. Encyclopedia of the UN Sustainable Development Goals. Springer, Cham. https://doi.org/10.1007/978-3-319-71061-7_114-1
- 2017 - Khaleghi, Marjan, Pakzad, Jahanshah "Elevated Highways in Residential Layouts: Assessing and Mitigating the Imposed Negative Impacts on Adjacent Neighborhoods; Case Study: Sadr Elevated Highway," International Journal of Architecture and Urban Development, 7(2), 5-18. https://ijaud.srbiau.ac.ir/article_11416_93d41fd968865754ab22b28cc6420671.pdf

Conferences, Seminars, Events

- 2023.10 - **GCoM Japan International Workshop**, Kamishihoro, Japan (Organizer and moderator, visual content creator).
- 2023.06 - **Youth/Mayors dialogue on mobility/energy transition and adaptation/advocacy/biodiversity** at the European Union Delegation in Tokyo, Japan (Organizer, moderator).
(In this successful dialogue EU Ambassador to Japan and Japan's ministry of environment representatives were also present and contributed to the discussions.)
- 2023.04 - **GCoM East Asia Regional Conference**, Seoul, Republic of Korea (moderator).
- 2023.01 - **GCoM Open House and CRF (Common Reporting Framework) Academy**, Brussels, Belgium (Participant).
- 2022.10/11 - Park, Suil, Kato, Hirokazu, Morita, Hiroyoshi, Khaleghi, Marjan "A Methodology for Assessing Mobility Revolution with Low Carbonization," The 15th Biennial International Conference on EcoBalance, Poster Presentation (Speaker), Fukuoka, Japan.
- 2022.10 - **GCoM Japan International Workshop**, Tokyo, Japan (Organizer and moderator).
- 2022.10 - Khaleghi, Marjan "Children's travel and life satisfaction: An attempt to understand the determinants of children's happiness during daily non-school trips with different modes of transport on a target of Japanese children aged 12-15", The 10th Child in the City World Conference, Poster Presentation, Dublin,

- Ireland. (I did not attend due to the Irish Embassy's delay in reaching a visa decision. The abstract was published in the conference booklet, though).
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| 2021.09 | - Khaleghi, Marjan, Kato, Hirokazu, Oono, Yuuki " Understanding the Effects of Household, Psychological, and Environmental Factors on the Scope of Independent Non-School Trips Realized by Walking/Cycling and Public Transport in Young Adolescents (12-15): Evidence from Small Towns and Rural Areas in Japan ", EASTS2021, The 14 th International Conference of Eastern Asia Society for Transportation Studies, Online Oral Presentation (Speaker). |
| 2020.09 | - Khaleghi, Marjan, Kato, Hirokazu, Hirano, Yasuhiro, Kawamura, Noriyuki, Sugiyama, Noriko, Yamashita, Hiromi, Miyasaka, Takafumi, Kakimoto, Yuji " Do Japanese locals and migrants speak the same language?! Appraising potentials and barriers of communication in a rural area in Japan ", 23rd Annual Meeting of the Japan Association for Human and Environmental Symbiosis (JAHEs), Online Oral Presentation (Speaker). |
| 2019.06 | - Khaleghi, Marjan, Kato, Hirokazu " What Affects Children's Travel Behavior and How Can They Contribute to Sustainable Mobility? Building a Framework Considering Sustainable Mobility Education and Gamification ", 59th Civil Engineering Planning Research Presentation / JSCE Spring Meeting, Oral Presentation (Speaker), Nagoya, Japan. |
| 2016.07 | - Khaleghi, Marjan " Cities, Crisis, and Children: Highlighting the Hidden Role of Children in Building a Fairly Equitable Urban Environment for everyone ," IV World Planning School Congress, Accepted paper for oral presentation, Rio de Janeiro, Brazil. (I did not attend due to the spread of the Zika virus in Brazil) |
| 2012.11 | - Khaleghi, Marjan " Assessing & mitigating the impacts of elevated highways on the urban environment; case study: Sadr highway ." The international conference of Urban Change in Iran, Poster Presentation, London, UK. |

Technical Skills

- Data analysis (SPSS, AMOS, STATA, SmartPLS, and acceptable knowledge of R and Python)
- Modeling skills (AutoCAD, Sketchup)
- Microsoft Office
- Photoshop
- ArcGIS (basic knowledge)

Languages

- Persian (Native language)
- English (fluent)
- French (Pre-Intermediate)
- Japanese (Pre-Intermediate)
- Spanish (Pre-Intermediate)
- Norwegian (Beginner)

Hobbies and Interests

- Learning new skills (e.g., programming languages)
- Traveling/Hiking
- Playing and listening to classical Music