

# KULACHA SIRIKHAN, PhD

## PROFILE

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- Ready to apply my theoretical knowledge in urban studies and analytical skills to provide data-driven actionable business solutions
  - Hands-on experience in master planning and public participation
  - Proficient in Geospatial data analytics and statistics
  - Efficient in data visualization and narrative reports
  - Achievable excellent interdependently and as a team
- Mail: kulacha.s@gmail.com  
Call: (+49) 17 664 041 911  
Place: Hamburg, Germany  
Link: linkedin.com/in/ksirikhan  
Web: ksirikhan.me

## SKILLS

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### Specialties

- **Skills in Urban Planning:** Strategic urban planning, Governance, Spatial Econometrics, Scenario Building, Scenario Building, Place-Making
- **Quantitative Methodology:** Spatial Pattern, Spatial Network Analysis, Spatial Regression Model (OLS, GWR), Statistics, Text Mining, Machine Learning in GIS
- **Qualitative Methodology:** Institutional Analysis, Path Dependence, In-depth Interview, Focus Group

### Software

- **Spatial Analytics and Statistics:** ArcGIS, QGIS, R in RStudio, Python, IBM SPSS
- **Design:** AutoCAD, SketchUp, Adobe Illustrator, Adobe Photoshop
- **Office:** Word, Excel, PowerPoint, Adobe InDesign

### Language

- Thai (Native), English (Advanced), Japanese (Basic), German (Basic – A2)

## PROFESSIONAL EXPERIENCE

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### Urban Analyst (Project-based)

Umoto Agency for Urban Movement Culture

2021 - 2022

Hamburg, Germany

Key Project: The Analysis of Playground and Playable Spaces in Werne City

### Postdoctoral Researcher

Fondation France-Japon de l'École des hautes études en sciences sociales

2020 – 2021

Paris, France

Research: Potentials and Challenges of The Connected Autonomous Shared Electric Vehicle (CASE) from Urban Geography Perspective in Southeast Asia Megacities

### Visiting Researcher

Fondation France-Japon de l'École des hautes études en sciences sociales

2018 – 2019

Paris, France

Research: Institutional Building in The Decentralized Territorial Policies Approach on

Clustering of Creative Industries: The Cases of Île-De-France and Tokyo Metropolitan Area

### Urban Designer

Urban Design and Development Center

2013 – 2015

Bangkok, Thailand

Key Project:

- Bangkok 250: The Master Plan of Bangkok Inner-City Regeneration Project
- GoodWalk: A Study of Walking Accessibility to Urban Facilities in Bangkok

### Urban Designer

NISP Landscape Design

2011 – 2013

Bangkok, Thailand

## EDUCATION

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- Doctor of Philosophy in Urban Engineering** 2017 – 2020  
The University of Tokyo Tokyo, Japan  
Thesis: Manifestation of Creative Industries in Bangkok, Thailand: The Analysis of Institutional Environment and Spatial Agglomeration in An Emerging Market City
- Master of Urban Engineering** 2015 – 2017  
The University of Tokyo Tokyo, Japan  
Thesis: Study on the Sense of Place and Institutional Capacity in Urban Regeneration, Case Study of Three Historical Communities in Bangkok, Thailand
- Bachelor of Urban Planning, Second-Class Honors** 2006 – 2011  
Chulalongkorn University Bangkok, Thailand  
Thesis: Urban Conservation and Rehabilitation Project of Banglumphu District

## HONORS AND AWARDS

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- GERPISA - International Network of the Automobile** 2022  
• The GERPISA Young Author's Prize 2022
- The France-Japan Foundation – The Valeo Group of France** 2020 - 2021  
• The winner of Post-Doctoral Research Fellowship 2020
- The Graduate Program for Social ICT Global Creative Leader, The University of Tokyo** 2017- 2020  
• First Prize Scholarship for doctoral studies in 2017, 2018, and 2019
- The Asian Development Bank – Japan Scholarship Program** 2015 - 2017  
• Scholarship for master's studies 2015

## PRESENTATIONS AND PUBLICATIONS

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- Peer-Reviewed Manuscript**
- K. Sirikhan, Building Scenarios for The Connected Autonomous Shared Electric Vehicle (CASE) in Southeast Asia Mega-Urban Regions context: Using the combination of Bibliometric Analysis, Cross-Impact Analysis, and Spatial Analysis. International Journal of Automotive Management and Technology (Under Revision) 2022
    - Submitted as the winner of the GERPISA's Young Author's Prize
    - A revised version of the proceeding for the 30<sup>th</sup> International Colloquium of GERPISA, Detroit, USA
  - Kulacha Sirikhan. Potentials and Challenges of The Connected Autonomous Shared Electric Vehicle (CASE) from Urban Geography Perspective in Southeast Asia Mega-Urban Regions. Fondation France-Japon De L'EHESS. FFJ Discussion Paper. Paris, France (hal-03607999) 2022
- Conference Proceeding**
- P. Setthasuravich, K. Sirikhan, and H. Kato, Spatial Econometric Analysis of the Digital Divide in Thailand at the Sub-District Level: Patterns and Determinants. Proceeding of the 31<sup>st</sup> European regional conference of the International Telecommunications Society, Gothenburg, Sweden 2022
  - K. Sirikhan, Potentials and Challenges of The Connected Autonomous Shared Electric Vehicle (CASE) from Urban Geography Perspective in Southeast Asia Mega-Urban Regions. Proceeding of the 31<sup>st</sup> European regional conference of the International Telecommunications Society, Gothenburg, Sweden 2022
  - K. Sirikhan, T. Kidokoro. 2019. The Creation of Creative Cluster on Emerging Market Cities, Case Study in Bangkok, Thailand. Proceeding of The Conference of Asian-Pacific Planning Societies 2019. Seoul, South Korea. 2019
- WORKSHOPS FACILITATED**
- Making Cities for Autonomous Shared Mobility, FFJ-VALEO Workshop. Paris, France 2021
  - Urban Analytics – Potentials and challenges of Urban Data science in Thailand 2021  
Urban Chit Chat Group with The Association of Thai Professionals in European Region. Online