

Martin Fleischmann

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EDUCATION

- Ph.D. Architecture, University of Strathclyde, Glasgow, 2021
 The Urban Atlas: Methodological Foundation of a Morphometric Taxonomy of Urban Form
- MSc. Urban Design, University of Strathclyde, Glasgow, 2017
 Measuring Urban Form: A Systematisation of Attributes for Quantitative Urban Morphology
- BSc. Architecture and Urbanism, Czech Technical University, Prague, 2015

ACADEMIC APPOINTMENTS

- 2020– University of Liverpool
 Postdoctoral Researcher, Department of Geography and Planning

PUBLICATIONS

Journal Articles

- 2021 Fleischmann, M., Feliciotti, A. and Kerr, W. 'Evolution of urban patterns: urban morphology as an open reproducible data science.' *Geographical Analysis* (in press). doi:10.1111/gean.12302
- 2020 Dal Cin, F., Fleischmann, M., Romice, O. and Costa, J.P. 'Climate Adaptation Plans in the Context of Coastal Settlements: The Case of Portugal.' *Sustainability* 12 (20). doi:10.3390/su12208559
- 2020 Fleischmann, M., Romice, O. and Porta, S. 'Measuring urban form: overcoming terminological inconsistencies for a quantitative and comprehensive morphologic analysis of cities.' *Environment and Planning B: Urban Analytics and City Science* published online ahead of print. doi:10.1177/2399808320910444
- 2020 Fleischmann, M., Feliciotti, A., Romice, O. and Porta, S. 'Morphological tessellation as a way of partitioning space: Improving consistency in urban morphology at the plot scale' *Computers, Environment and Urban Systems* 80, 101441. doi:10.1016/j.compenvurbsys.2019.101441
- 2019 Fleischmann, M. 'momepy: Urban Morphology Measuring Toolkit' *Journal of Open Source Software* 4 (43), 1807. doi:10.21105/joss.01807

Manuscripts under Review

- 2021 Fleischmann, M., Feliciotti, A., Romice, O. and Porta, S. 'Methodological Foundation of a Numerical Taxonomy of Urban Form.' Under review.

RESEARCH SOFTWARE DEVELOPMENT

- 2018– momepy: Urban Morphology Measuring Toolkit (author)
- 2019– GeoPandas (core developer)
- 2020– PySAL (core developer)
- 2020– clustergram (author)

INVITED TALKS

- 2021 ‘Spatial Signatures: Dynamic classification of the built environment.’ Spatial Analytics and Data seminar series. Online. Mar 30.
- 2020 ‘Reading cities as numbers. Where data science meets urbanism.’ Academy of Urbanism (Scotland). Online. Dec 3.

CONFERENCE ACTIVITY

Conferences Organized

- 2021 ‘International Seminar on Urban Form’ Urban Form and the Sustainable Prosperous City. Glasgow (virtually), UK. Jun 29 – Jul 3.

SERVICE

Academic Journal Peer Review

Environment and Planning B: Urban Analytics and City Science

Geographical Analysis

Journal of Open Source Software

Journal of Statistical Software

Plos ONE

Urban Morphology

Academic Press Peer Review

CRC Press

CONSULTING

- 2019–20 Institute for Planning and Development, Prague, Czechia
- 2020 Places Platform, US

Updated July 2021