Markus Schaffert – Candidate for Chair of Commission 3

Hello world! This is me

Where I work

- I am professor for Geospatial Informatics at Mainz University of Applied Sciences in the city of Mainz, Germany.

- Mainz: capital and largest city of the federal state of Rhineland-Palatinate
  - One of the oldest cities in Germany
  - population about 223,000

Mainz

WMS by Stamen Design, Data: OpenStreetMap-contribuors

WORKING WEEK 2025
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Brisbane, Australia 6–10 April

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- Mainz: capital and largest city of the federal state of Rhineland-Palatinate

  – Innovation hub: book printing, COVID vaccination …

  – Wine tradition & successful soccer team

Above: salomon10 from Germany – Mainzer Dom Blaue Stunde, CC BY 2.0

Left: Berthold Werner, Mainz, Markt 1-3; CC BY-SA 3.0

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Career Path

2019 -	Mainz University of Applied Scienes	Professor for Geospatial Informatics
2015 - 2019	Leibniz Universität Hannover, Geodetic Institute	Post-doctoral researcher at Geodetic Institute
2012 - 2014	Institute for Applied Geoinformatics & Spatial Analysis (AGIRA), Dessau	Project manager (GIS & Demography, rural development)
2011	Technischen Universität Darmstadt c/o Institute for Municipal Geoinformation Systems (IKGIS)	PhD at Geodetic Institute
2010 - 2012	Intergraph SG&I Germany, Ismaning	Account Manager for public entitites (SDI & INSPIRE)
2005 - 2006	planning consultancy Cooperative – Infrastruktur und Umwelt Darmstadt, Projektbearbeiter	Project manager (GIS & urban planning)
2004 - 2005	Frankfurt/Rhine-Main Conurbation Planning Association ,	GIS Technician
1996 - 2004	Studies: Geography at Ruprecht-Karls-Universität Heidelberg	Diploma, Erasmus-Exchange at Stockholms universitet

Career Path

academia

private sector

public sector

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Geoinformatics &

- Rural & Urban Development
- Demographic Change
- Sustainable Transformation

What I do – Sustainability Beyond the SDGs

FIG PUBLICATION NO. 78

Geospatial Data in the 2020s – Transformative Power and Pathways to Sustainability

FIG Commission 3 – Spatial Information Management

FIG REPORT

Editors:
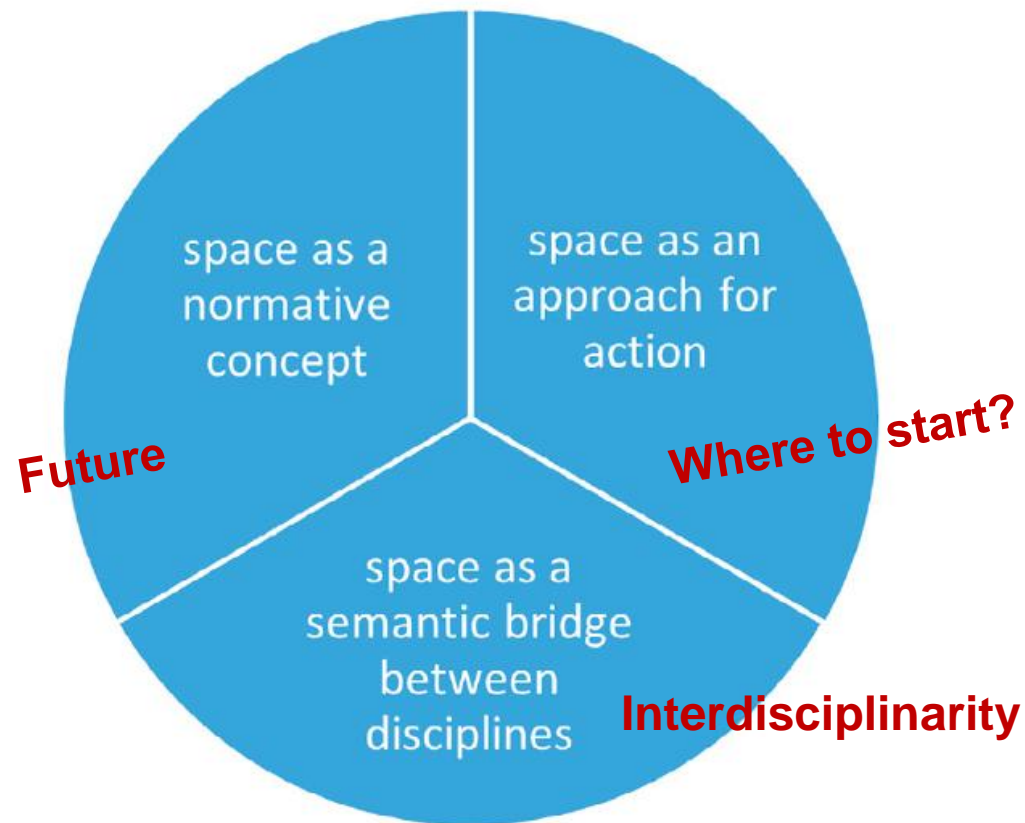
Claire Buxton
Marije Louwsma
Hartmut Müller
Markus Schaffert

[PDF] Mapping tranquil landscapes with social media data. A case study in the context of **sustainable transformation**

M **Kindsvater**, M Schaffert - fig.net

… **sustainable transformation** of a region. Against this background, it has been argued that more attention should be paid to the therapeutic effect of landscapes in governance and policy (…

☆ Speichern   🔖 Zitieren   Ähnliche Artikel   Alle 5 Versionen   »

Demographic transition in aging neighborhoods: a **GIS**-based analysis from Germany's countryside

M **Schaffert**, T Steensen - Survey Review, 2024 - Taylor & Francis

… Markus **Schaffert** is a teacher and senior researcher at Hochschule Mainz: University of …
His research focuses on the use of geospatial information to support **sustainable** spatial …

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What I do – Sustainability Beyond the SDGs

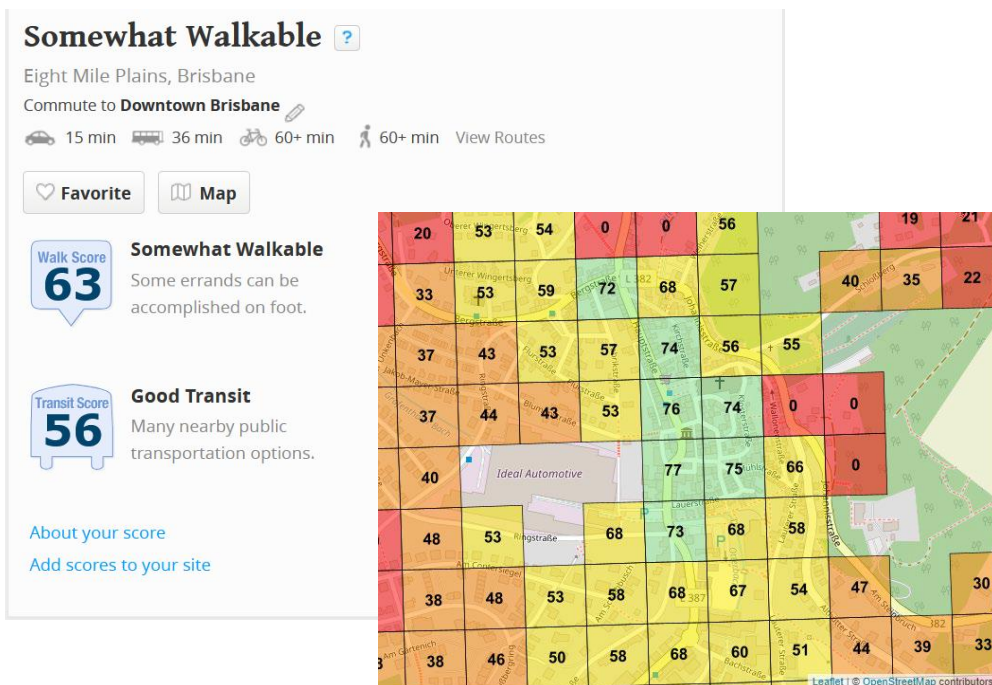GEOSPATIAL INFORMATION IN THE 2020s – PAVING THE WAY TO SUSTAINABILITY?

GEOSPATIAL INFORMATION IN THE 2020s – PAVING THE WAY TO SUSTAINABILITY?

Markus Schaffert (Germany), Hartmut Müller (Germany)

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Claire Buxton

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Hartmut Müller

Markus Schaffert

space as a normative concept

space as an approach for action

space as a semantic bridge between disciplines

Future

Where to start?

Interdisciplinarity

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What I will do – Spatial Justice and participatory mapping (cross country)

Example Walkability – most metrics are poor in taking into account the needs of underpresented and vulnerable groups, e.g. children or the elderly

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Example Walkability/Walkscore for the Elderly
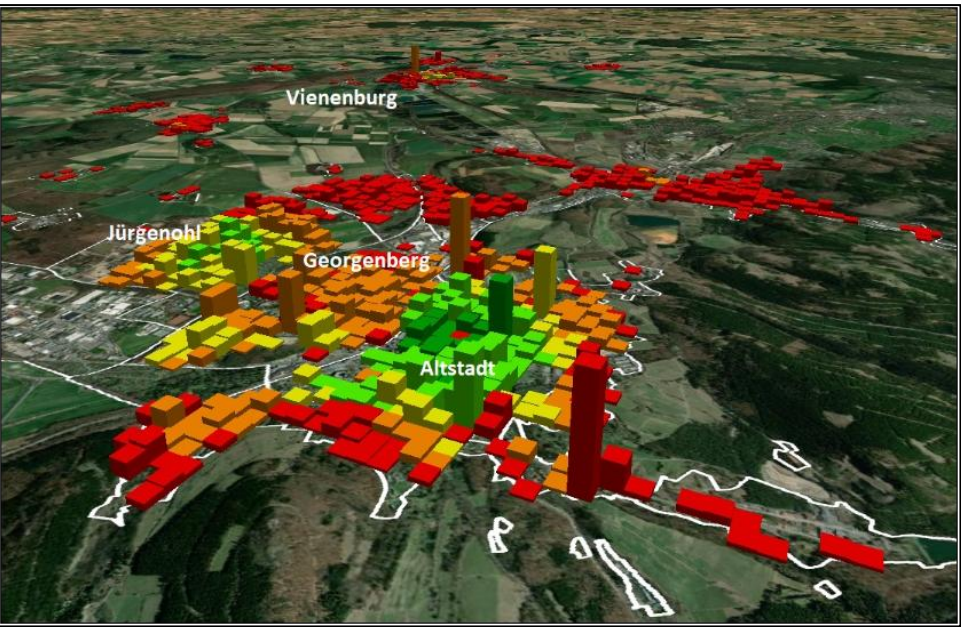
- Filling knowledge gaps to meet demands of all people
- Gender-bias in VGI

https://www.mdpi.com/2220-9964/12/4/157

https://i3mainz.hs-mainz.de/news/2021/11/25/barrieren-in-goslar-identifizieren.html

What I have done in the FIG

- Commission3, Chair of Working Group 1 "Geospatial Data: Professionalism, Technology, and Services" (since 2023)

- Commission3 – Vice Chair of Administration (2021-2022)

- FIG Sydney 2010; my first Working Week (since then many visits of WWs and regional conferences)

What I did (FIG context)

Thank you for your time and consideration!