

Gender Innovations in Transport and Mobility Planning

Dr. Ir. Wendy Tan (wta@hvl.no)
Department of Civil Engineering, FIN

Gendered innovations

Gender diversity and inclusivity in transport and mobility planning

- Intersectionalities: age, ethnicity, cultural background, physical abilities and socio-economic status
- Gendered innovations (Schiebinger, 2014)
 - Background in medical sciences and healthcare (Think Ambien in the 90s).
 - “Fixing the knowledge” instead of increasing numbers and access

Focus 1: Mobility inequality

- Mobility inequality, transport poverty

- Who does it impact disproportionately

- Where does this occur?

- JUST STREETS (HE, 2022):

- Methods/analysis of mobility via spatial justice

- Target profile groups (older adults, children, female, migration background)

Focus 2: Institutional change

- Decisions leading to homogenous (non-inclusive) spatial conditions and design guidelines
- Pivoting from transport (distributive) to mobility justice
- Gender impact assessments
- MobileWorlds (MSCA, 2023-)
- Who is involved in the process?
- Engagement/dissemination target group

Recent works

- Hidayati, I., Tan, W., Yamu, C., 2021a. Conceptualizing Mobility Inequality: Mobility and Accessibility for the Marginalized. J Plan Lit 088541222110128. <https://doi.org/10.1177/08854122211012898>
- Hidayati, I., Tan, W., Yamu, C., 2020. How gender differences and perceptions of safety shape urban mobility in Southeast Asia. Transp Res Part F Traffic Psychology Behav 73, 155-173. <https://doi.org/10.1016/j.trf.2020.06.014>
- Hidayati, I., Yamu, C., Tan, W., 2021b. You have to drive: Impacts of planning policies on urban form and mobility behavior in Kuala Lumpur, Malaysia. J Urban Management. <https://doi.org/10.1016/j.jum.2020.12.004>
- Schönfeld, K.C. von, Tan, W., 2021. Endurance and implementation in small-scale bottom-up initiatives: How social learning contributes to turning points and critical junctures. Cities 117, 103280. <https://doi.org/10.1016/j.cities.2021.103280>
- Schönfeld, K.C. von, Tan, W., Curtis, C., Visser, J.F., 2020. Every-day mobility anecdotes: Addressing the blind spot of goal- and expert-oriented mobility research. Transportation Research Interdisciplinary Perspectives 7, 100169. <https://doi.org/10.1016/j.trip.2020.100169>