Chair of Environmental Technology and Design
Departement of Urbanism

Waste as a Resource - Urban Metabolism

H2020 REPAiR Resource Management in Peri-urban Areas – Going Beyond Urban Metabolism

Aim is to develop a decision support environment for spatial strategies to implement a circular economy.

- Possibility to work with interdisciplinary group of students and researchers;
- AMS certificate possible;

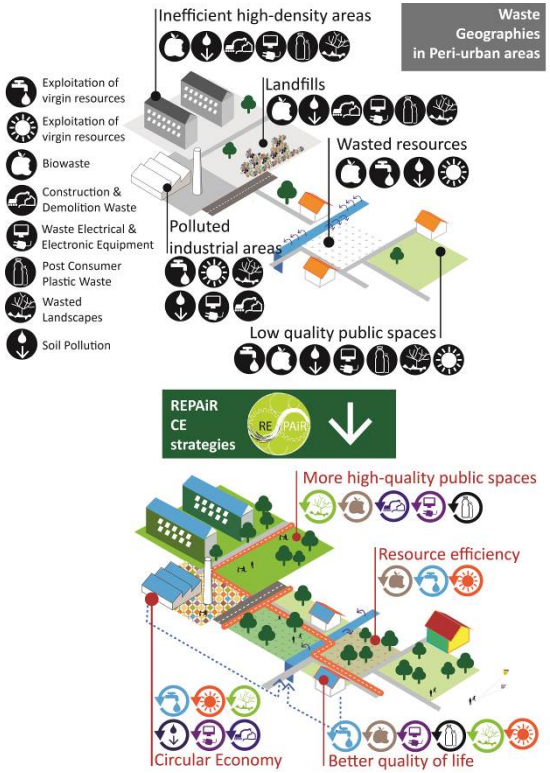

Image: Libera Amenta

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Waste as a Resource - Urban Metabolism

Possible Graduation topics include:

- Modelling environmental impact of resource flows;
- (Reverse-) material flow accounting;
- Aspects of Geodesign in relation to decision making;
- Flow tracking and visualisation;
- Modelling sustainability indicators;
- Communication of data to the users of an SDSS
- And many more;

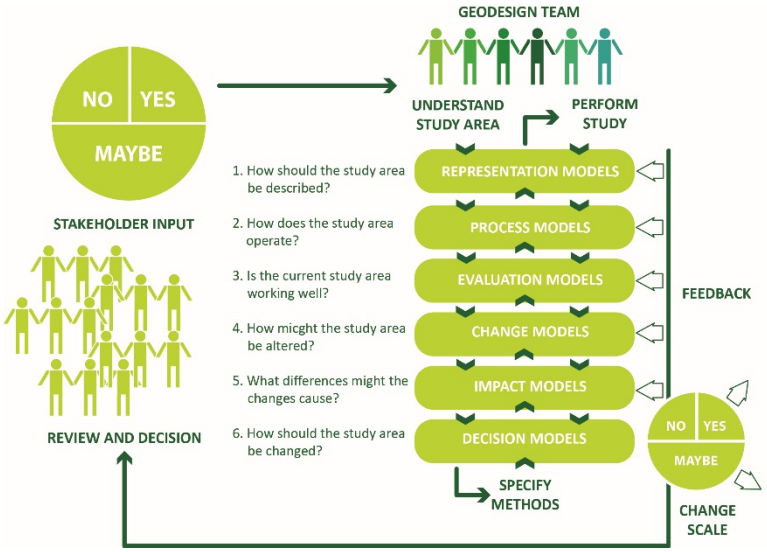

Image: Libera Amenta based on Steinitz 2012

Contact: Alexander Wandl a.wandl@tudelft.nl

Geomatics 2016
Graduation Topics

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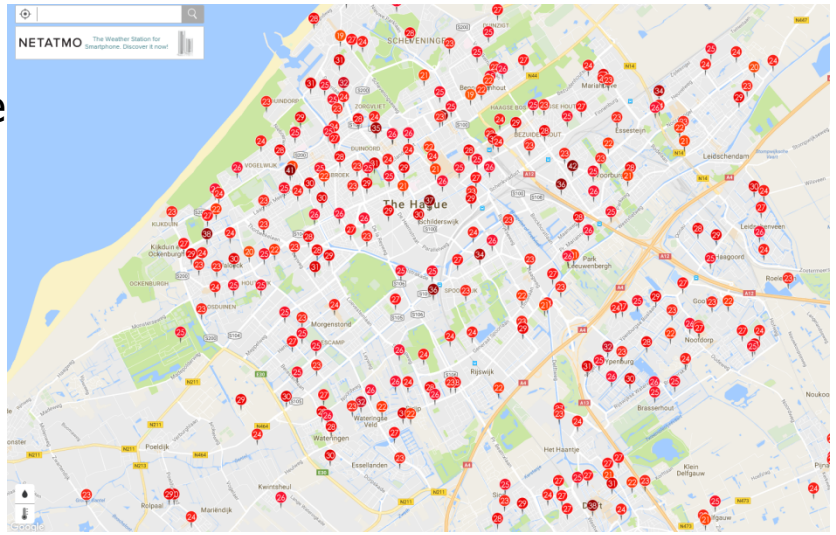
Urban Heat Island and Climate Adaptation Studies

This summer we distribute in cooperation with the municipality of The Hague 100 smart weather stations in order to develop a citizen network to measure the UHI in a way that covers the whole city - https://hitte.weblog.tudelft.nl/



- Possible collaboration with cities of Den Haag and Delft;
- Possible collaboration with students from MSc Urbanism

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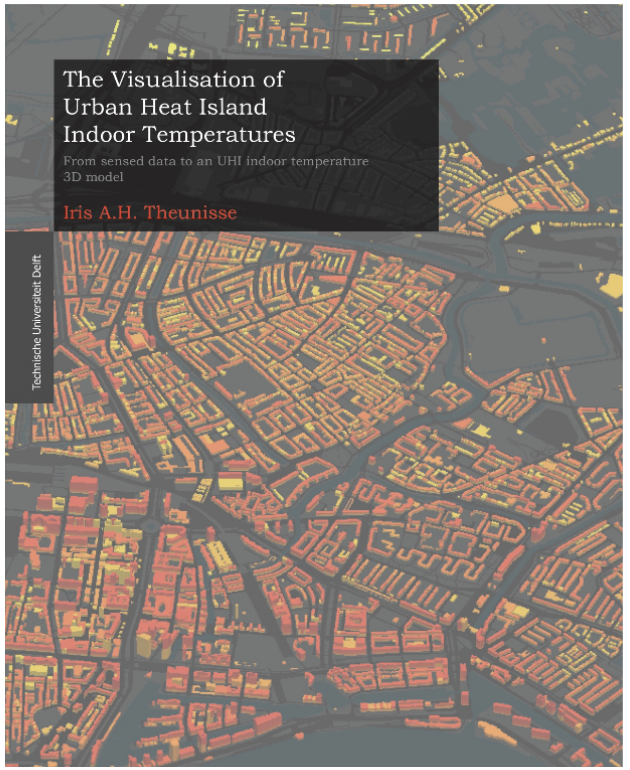
Chair of Environmental Technology and Design
Departement of Urbanism

Urban Heat Island and Climate Adaptation Studies

Possible Graduation topics include:

- Data management, handling and modelling
- Spatial analyses and spatial statistics
- Geodesign: Development of a 3D model
- Placing additional sensor in order to improve future monitoring.



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