
Plan Overview

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Title: BRUSSELS' URBAN CHALLENGES IN RESTROSPECT: A CRITICAL HISTORICAL ANALYSIS OF SOCIO-ECOLOGICAL MOBILISATION IN URBAN DEVELOPMENT (1970-1989)

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Template: FWO DMP (Flemish Standard DMP)

Project abstract:

This research taps into the limitations of contemporary urban debates, marked by dichotomous perceptions, by revisiting the rich history of socio-ecological participatory mechanisms that were introduced in urban development processes in Brussels during the 1970s and 1980s. Through the perspective of socio-ecological mobilisation, this research seeks to uncover the diverse of socio-ecological discourses that entered urban planning discussions and the participatory mechanisms that facilitated this. By adopting three research lenses - discourses, participatory methods and tools, and assemblages - the study integrates theoretical literature on urban political ecology, discourse analysis, social movement studies and urban assemblage theory. A mixed-method empirical approach will be used, combining archival research, oral history and participatory historical geography to compose a detailed assemblage, introducing actors, methods and non-human elements to the discussion. Ultimately, this research aims to overcome persisting dichotomies in urban development, enriching the debate with complexity and nuance, and contribute to methodological renewal that bridges the gap between historical and contemporary issues as well as between academia and non-academic expert knowledge.

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BRUSSELS' URBAN CHALLENGES IN RESTROSPECT: A CRITICAL HISTORICAL ANALYSIS OF SOCIO-ECOLOGICAL MOBILISATION IN URBAN DEVELOPMENT (1970-1989)

FWO DMP (Flemish Standard DMP)

1. Research Data Summary

List and describe all datasets or research materials that you plan to generate/collect or reuse during your research project. For each dataset or data type (observational, experimental etc.), provide a short name & description (sufficient for yourself to know what data it is about), indicate whether the data are newly generated/collected or reused, digital or physical, also indicate the type of the data (the kind of content), its technical format (file extension), and an estimate of the upper limit of the volume of the data.

- 1) *Archival sources.* These include: meeting reports, correspondence, drawings, plans, and images. The archival material that will be consulted will be both digital and physical. A database will be created of all archival material that will be consulted. This database will be saved as a CSV file on the OneDrive where materials are categorised according to archival collection, location, file number, year, title, author and creator. Relevant archival material will be scanned into a pdf format and stored on the OneDrive.
- 2) *Literature.* This includes: academic literature, grey literature and policy documents. This literature will be consulted physically or digitally, via open access or online access through the Limo platform of KU Leuven. The online literature will be consulted in pdf format and stored on the OneDrive or via Zotero, in the case of open access academic literature).
- 3) *Visual sources.* These include: existing designs (spatial plans and schemes), drawings, models and digital visualisations and photographs. Visual sources from published material will be stored on the OneDrive, given that intellectual property rights are guaranteed.
- 4) *Online media sources.* These include news articles and reportages by local news outlets (e.g. Bruzz, La Capital, BX1), website articles of civil society organisations (e.g. BRAL, ARAU, IEB) and social media platforms of civil society organisations and activist groups.
- 5) *Oral sources.* These include interviews and participatory moments. Interviews will be uploaded as .mp3 files and transcripts in Word format (.docx) on the OneDrive. Observational notes of participatory moments will also be uploaded in Word format (.docx) on the OneDrive.
- 6) *Personal data.* Personal data of research participants (i.e. interviewees and participants in participatory moments) will include name, email address, phone number, gender, age and will be stored in a .csv file on the OneDrive.
- 7) *Locational data.* This refers to existing maps and data sets used for GIS mapping (including BruGIS, Geo.Brussels, BruCiel, Mobigis, Geopunt Vlaanderen, etc.). The relevant datasets will be kept in .csv and .shp format. During the process of creating maps, the shapefiles (.shp) will be stored locally on the computer of the PhD researcher (Dries Pattyn) and as soon as the maps are created the data will be exported in a geopackage format and stored on the OneDrive.
- 8) *Publications and presentations.* These include academic papers and presentations (for internal use in the research group or for conferences and seminars) that will be produced by the PhD researchers (Dries Pattyn and Eline Inghelbrecht). Academic papers will be published in .pdf format and presentations will be made in .ppt format and stored in .pdf on the OneDrive.
- 9) *Visual material.* These include: designs, drawings, images and other visual representations created during the process of the research. These materials will produced using the Adobe Creative Cloud software and will be stored in JPEG (.jpg) or PNG (.png) format on the OneDrive.

If you reuse existing data, please specify the source, preferably by using a persistent identifier (e.g. DOI, Handle, URL etc.) per dataset or data type:

Archival material

- Citizens' organizations: BRAL (Brusselse Raad Leefmilieu/Brussels' Council for the Environment), Inter-Environnement Bruxelles (IEB), ARAU (Atelier de Recherches et d'Action Urbaines), Location: AMVB, Etopia, CIVA Brussels, AMSAB-ISG
- Architectural institutions: Archives d'Architecture Moderne, Haute école d'architecture La Cambre and Sint-Lucas School of Architecture, Location: CIVA Brussels
- Parliamentary meeting notes: Brussels Agglomerations and municipalities

Publications

- Citizens' organizations: BRAL (Brusselse Raad Leefmilieu/Brussels' Council for the Environment), Inter-Environnement Bruxelles (IEB), ARAU (Atelier de Recherches et d'Action Urbaines)
- Architectural institutions: Archives d'Architecture Moderne, Haute école d'architecture La Cambre and Sint-Lucas School of Architecture, Location: CIVA Brussels
- Multiple literature and research articles on relevant topics

Maps

- Leefmilieu Brussel/Bruxelles Environnement/Brussels Environment: <https://geodata.environnement.brussels/client/view/?lang=nl>
- BruGIS: <https://gis.urban.brussels/brugis/#/>
- BruCiel: <https://www.bruciel.brussels/>
- MobiGis: <https://data.mobility.brussels/mobigis/nl/>
- Geo.brussels: <https://geobru.irisnet.be/nl/maps/new/>
- Geopunt Vlaanderen: <https://www.geopunt.be/>

Are there any ethical issues concerning the creation and/or use of the data (e.g. experiments on humans or animals, dual use)? Describe these issues in the comment section. Please refer to specific datasets or data types when appropriate.

- No

Will you process personal data? If so, briefly describe the kind of personal data you will use in the comment section. Please refer to specific datasets or data types when appropriate.

- Yes

Interviews

When conducting interviews personal data such as name, age, gender, profession, home municipality, email address, phone number will be collected. Interviews will be recorded and transcribed. Names of interviewees will be pseudonymised, unless it is relevant/necessary to use the name of the interviewee (e.g. an architect or a politician) and the interviewee consents to using their personal data. The file where the pseudonyms are linked to the personal data and identifiers will be stored separately on the KU Leuven server. Data that might reveal the identity of the respondents will be replaced with less 'revealing' information. Interviewees will include: (former) politicians, members of citizens' associations, architects, activists from neighbourhood committees, students/members of architectural institutions such as La Cambre and Sint-Lucas, officials from public institutions such as Brussels Environment and Perspective Brussels

Workshops participatory historical geography

Interactive moments with current and former members of BRAL, IEB and ARAU will be organised in the formats of workshops to compose a map and timeline of contested urban development projects. At a later phase of the research, during the case study research, participatory workshops will be organised with contemporary urban activists and people who were involved in the mobilisation around the selected historical case studies. Specifically, these workshops will focus on alternative urban imaginaries and will use plans, designs, drawings and cartoons to identify the representation of social and ecological concerns and political messages in these imaginaries and link them to existing urban planning proposals

For these interactive moments participants' personal data (name, e-mail address, telephone number) will be collected for practical use. In the output of these interactive moments, participants will be anonymised and only the name of the organisation will be stated.

In entering the discussions on contested urban space in Brussels, sensitive and clashing viewpoints and opinions will come forward in the debates. In reporting on such events, awareness and precaution is necessary in order to avoid severe conflict between citizens and other stakeholder.

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Does your work have potential for commercial valorization (e.g. tech transfer, for example spin-offs, commercial exploitation, ...)? If so, please comment per dataset or data type where appropriate.

- No

Do existing 3rd party agreements restrict exploitation or dissemination of the data you (re)use (e.g. Material/Data transfer agreements/ research collaboration agreements)? If so, please explain in the comment section to what data they relate and what restrictions are in place.

- No

Are there any other legal issues, such as intellectual property rights and ownership, to be managed related to the data you (re)use? If so, please explain in the comment section to what data they relate and which restrictions will be asserted.

- Yes

Reuse of images, plans, maps and architectural drawings: does not only require mentioning the secondary source, but also the original author/creator. For some of these images, permission will have to be granted from the author/creator or relevant institution.

2. Documentation and Metadata

Clearly describe what approach will be followed to capture the accompanying information necessary to keep data understandable and usable, for yourself and others, now and in the future (e.g., in terms of documentation levels and types required, procedures used, Electronic Lab Notebooks, README.txt files, Codebook.tsv etc. where this information is recorded).

Through a clear folder structure located on the One Drive, existing data and developed material will be organised in order to simplify retrieving and consulting the overall documentation.

Produced material will adopt meaningful filenames starting with the date (year/month/day, e.g. 230331_), description of its content and, when applicable, ending with the initials of the creator.

README files: data will be described according to category (archival, interviews, images) and structured according to several identifiers: title, year, location, author/creator, file type, key words

Will a metadata standard be used to make it easier to find and reuse the data? If so, please specify (where appropriate per dataset or data type) which metadata standard will be used. If not, please specify (where appropriate per dataset or data type) which metadata will be created to make the data easier to find and reuse.

- No

We are currently looking into the options regarding the different metadata standards within our research groups P.PUL and ARP. Possible options until now are DDI, UNBIS and AAT.

3. Data storage & back-up during the research project

Where will the data be stored?

Shared network drive (J-drive)

OneDrive (KU Leuven)

The responsible person will be Bruno Notteboom, the supervisor of this C2 research project

For the Department of Architecture we have a 2 TB storage capacity + 5 TB for archiving available and it can be extended, if needed. The main tool for data storage will be KU Leuven OneDrive.

The ICT support is provided by LUCA. On LUCA managed devices, personal documents are stored and equally synchronized with the data server (no data on the hard disk of the laptops). All

personal data will be stored on the I-disk/ in Leuven/ department of Architecture. As a cloud application, Box is supported (up to 2TB per user). The long-term storage is guaranteed up to 10 years after the end of a project. This is stored on servers in Leuven,

on the K-disk. The members of the research group have access to the data with the permission of the supervisor.

How will the data be backed up?

Standard back-up provided by KU Leuven ICTS for my storage solution

**Is there currently sufficient storage & backup capacity during the project? If yes, specify concisely.
If no or insufficient storage or backup capacities are available, then explain how this will be taken care of.**

- Yes

How will you ensure that the data are securely stored and not accessed or modified by unauthorized persons?

Onedrive documents will be shared only among the supervisors and PhD researcher of the research project. In case documents are shared outside of the research project (e.g. within the research group) this will be done with restricted access (shared via e-mail) and editing rights (view-only).

What are the expected costs for data storage and backup during the research project? How will these costs be covered?

There are no expected costs for data storage and backup.

4. Data preservation after the end of the research project

Which data will be retained for at least five years (or longer, in agreement with other retention policies that are applicable) after the end of the project? In case some data cannot be preserved, clearly state the reasons for this (e.g. legal or contractual restrictions, storage/budget issues, institutional policies...).

All data will be preserved for 10 years according to KU Leuven RDM policy

Where will these data be archived (stored and curated for the long-term)?

The long-term storage is guaranteed up to 10 years after the end of a project. This is stored on servers in Leuven, on the K-disk. The members of the research group have access to the data with the permission of the supervisor.

What are the expected costs for data preservation during the expected retention period? How will these costs be covered?

There are no expected costs for data storage and backup.

5. Data sharing and reuse

Will the data (or part of the data) be made available for reuse after/during the project? In the comment section please explain per dataset or data type which data will be made available.

- Yes, in a restricted access repository (after approval, institutional access only, ...)

If access is restricted, please specify who will be able to access the data and under what conditions.

The collected data will be accessible to the PhD researcher, Eline Inghelbrecht and the supervisors of the project prof. Bruno Notteboom, dr. Koenraad Danneels and prof. Sven Sterken.

Are there any factors that restrict or prevent the sharing of (some of) the data (e.g. as defined in an agreement with a 3rd party, legal restrictions)? Please explain in the comment section per dataset or data type where appropriate.

- Yes, Privacy aspects
- Yes, Intellectual Property Rights

- Privacy aspects: personal data of the research participants (interviewees and participants in interactive moments) will be collected: name, email address, phone number, age, gender

- Intellectual property rights of existing as well as newly generated images, designs, maps

Where will the data be made available? If already known, please provide a repository per dataset or data type.

KU Leuven RDR (Research Data Repository)

Data on all the publications resulting from this research will be stored in the KU Leuven repository LIRIAS.

When will the data be made available?

Upon publication of research results

paper publications, seminars, exhibition, and workshops

Which data usage licenses are you going to provide? If none, please explain why.

Most probably we will use the Data Transfer Agreement. We will further look into the specific data usage licences when we evolve in the research project.

Do you intend to add a PID/DOI/accession number to your dataset(s)? If already available, you have the option to provide it in the comment section.

- Yes

Yes, a PID will be added upon deposit in a data repository

What are the expected costs for data sharing? How will these costs be covered?

There are no expected costs for data sharing.

6. Responsibilities

Who will manage data documentation and metadata during the research project?

The data documentation and metadata will be managed by the PhD researcher Eline Inghelbrecht

Who will manage data storage and backup during the research project?

The data storage and backup will be managed by the PhD researcher Eline Inghelbrecht

Who will manage data preservation and sharing?

The responsible person will be Bruno Notteboom, the supervisor of this FWO project.

Who will update and implement this DMP?

The data management plan will be updated and implemented by the PhD researcher Eline Inghelbrecht