

OUTLINE

- 45 min introduction to workshop
- 60 min Survey examples on community well-being/inclusiveness
- 90 min Practical training on using tablets and software

We will use the android app "Maplt"

You can download this on your android phone (now)

Tomorrow

- 120 min Practical training on Campus
- 90 min Discussion session



INTRODUCTION TO QUALITY OF LIFE AND COMMUNITY WELL-BEING ASSESSMENT



THE NEW URBAN AGENDA QOL AND COMMUNITY WELL-BEING

point 72

"fostering sustainable economic development and all persons' wellbeing and quality of life through environmentally sound urban and territorial planning, infrastructure, and basic services" as well as the commitment to include "the participation of relevant stakeholders





and communities".

PUBLIC SPACE – NUA POINT 37

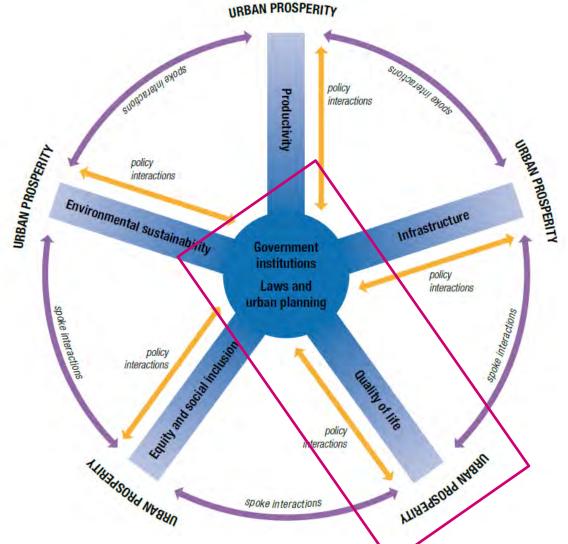
We commit to promote safe, inclusive, accessible, green, and quality public spaces, including streets, sidewalks, and cycling lanes, squares, waterfront areas, gardens, and *parks* that are multi-functional areas for social interaction and inclusion, human health and wellbeing, economic exchange, and cultural expression and dialogue among a wide diversity of people and cultures, and which are designed and managed to ensure human development, to build peaceful, inclusive, and participatory societies, as well as to promote living together, connectivity, and social inclusion.



To foster all persons' well-being and quality of life

we need to be able to recognize, identify and monitor existing (unequal)

quality of life conditions





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INEQUALITY IN QUALITY OF LIFE CONDITIONS A GLOBAL PROBLEM



QUALITY OF LIFE



QoL is multidimensional, relates to various domains (housing, income, built and natural environment, health) and the level of satisfaction that individuals have with those domains

[different stakeholders and contexts will have different views towards domains and will produce different knowledge about QoL conditions]



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COMMUNITY WELL-BEING

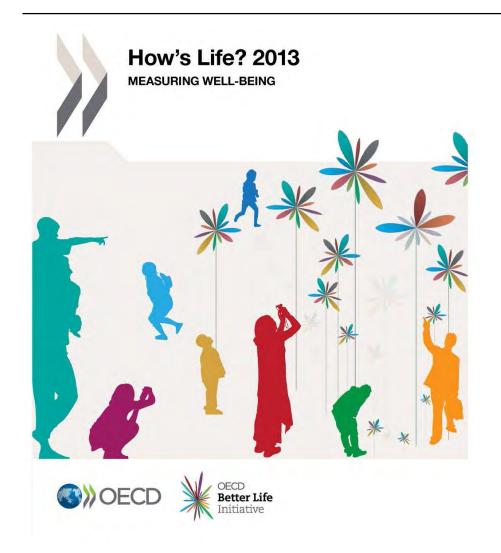
Community well-being stresses on what quality-of-life means to residents (Lee et al. 2015) and on those particular domains that matters to them (Lee et al. 2015).



(OECD well-being indicators)



WHAT MATTERS MOST TO PEOPLE?





COMMUNITY WELL-BEING KEY DOMAINS





HOW MOBILE MAPPING TOOLS ARE BEING USED

- Informal settlements are invisible on maps
- Local population enabled to record and map their own existence



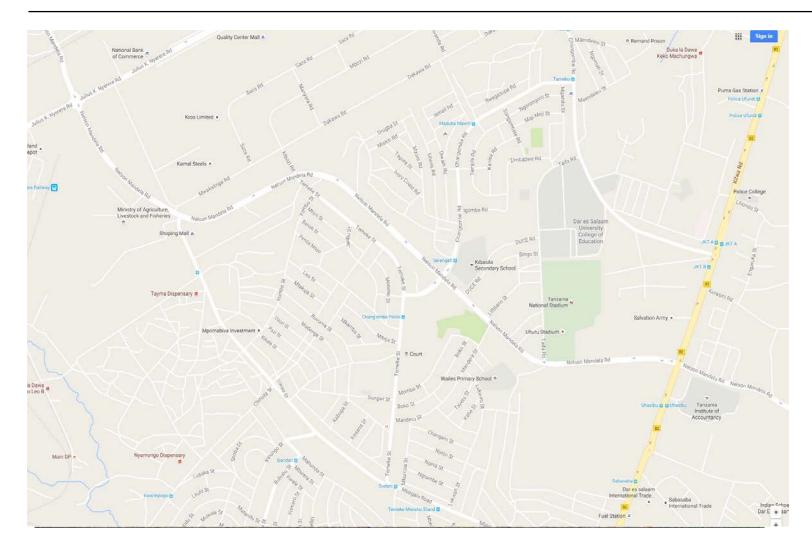


DAR ES SALAAM, TANZANIA



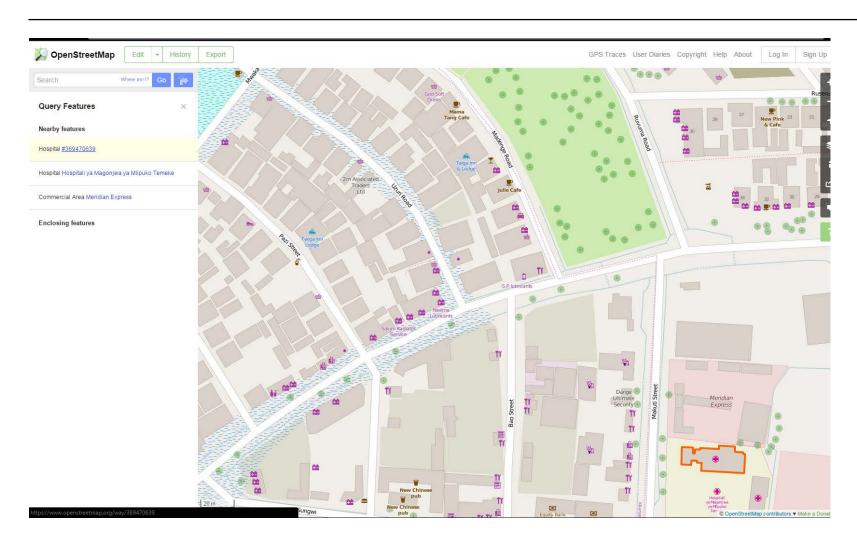


PUTTING SETTLEMENTS ON THE MAP

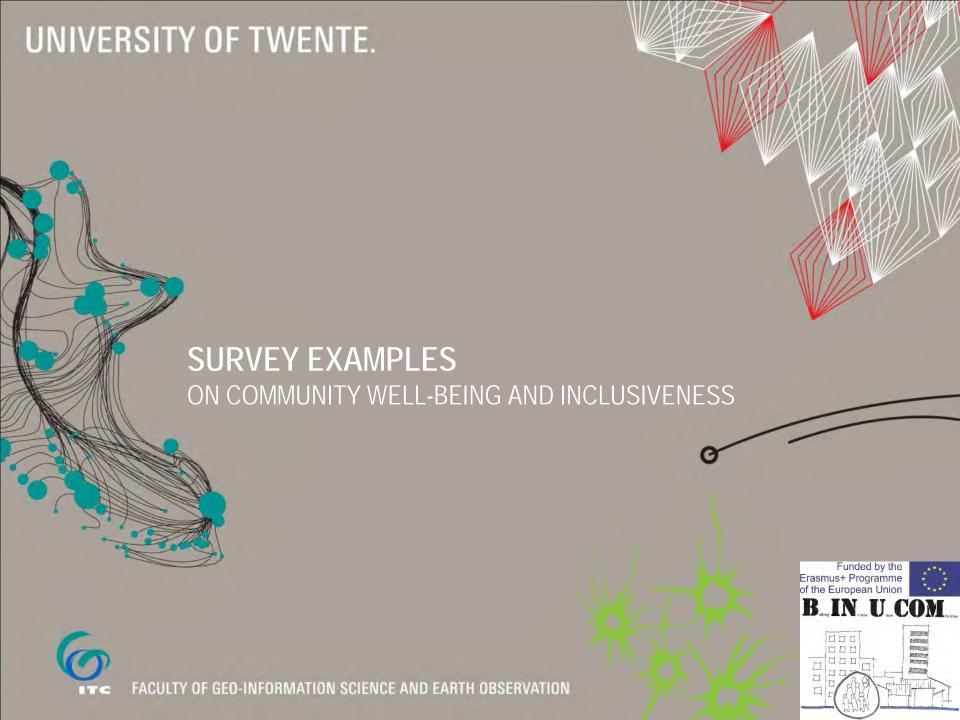


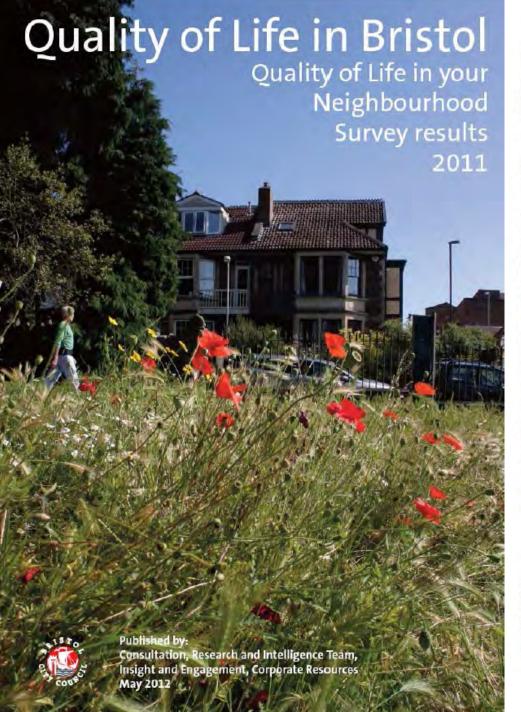


PUTTING SETTLEMENTS ON THE MAP











Quality of life in Bristol 2015-16 Results of 2015 survey

Published by:

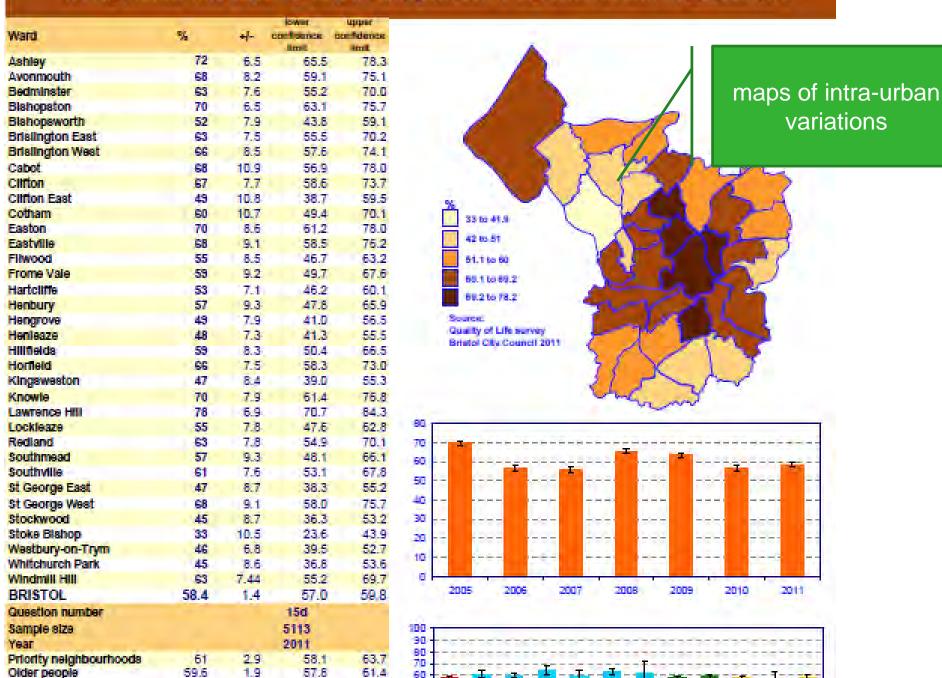
Consultation and Strategic Intelligence Team Performance, Information & Intelligence Service, Business Change Directorate, Bristol City Council May 2016

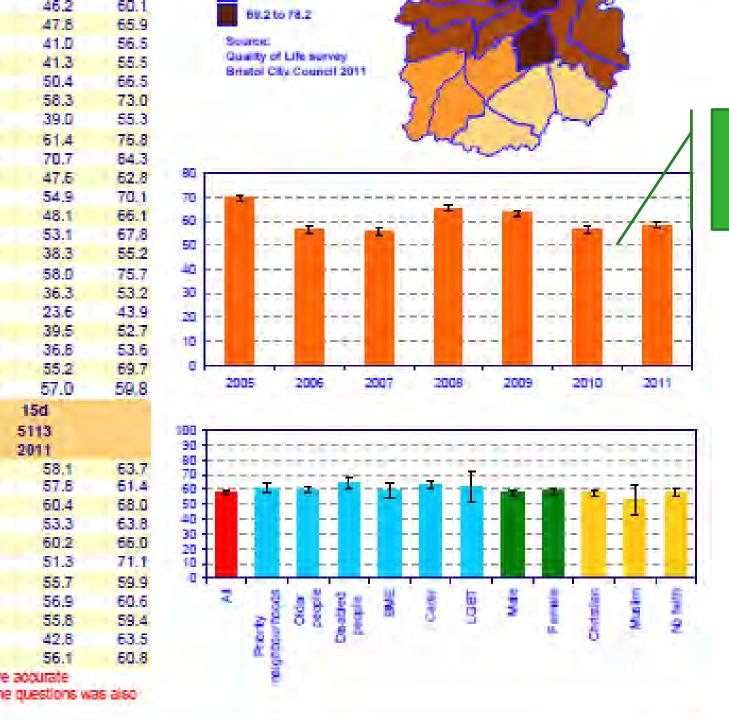
www.bristol.gov.uk/qualityoflife

BD8211 Bristol Design

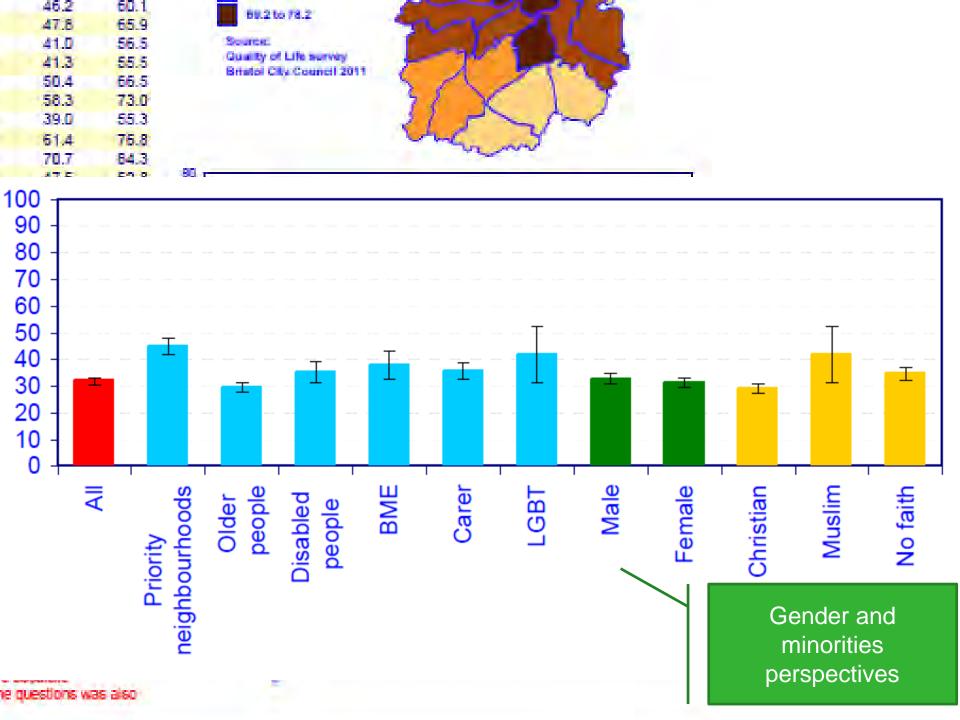


% respondents who say air quality & traffic pollution is a problem in their neighbourhood





Temporal dynamics and trends



ANALYSIS OF GENDER AND MINORITY GROUPS

Equalities analysis

Each indicator is analysed to show the differences for each 'equalities' group (groups of special interest including minority groups). The following groups have been chosen for further analysis:

Male

Female

Residents living in priority neighbourhoods (deprived areas previously known as neighbourhood renewal areas)

Older people – people aged 50 years or more

Disabled people - people who think of themselves as disabled

BME - Black and minority ethnic groups

Carer – people who provide unpaid care for someone with long term physical or mental health illness or disability, or problems related to old age

LGBT – people who say their sexuality is lesbian, gay or bisexual or they are transgender

Christian – people who say they are of Christian faith

Muslim – people who say they are of Muslim faith

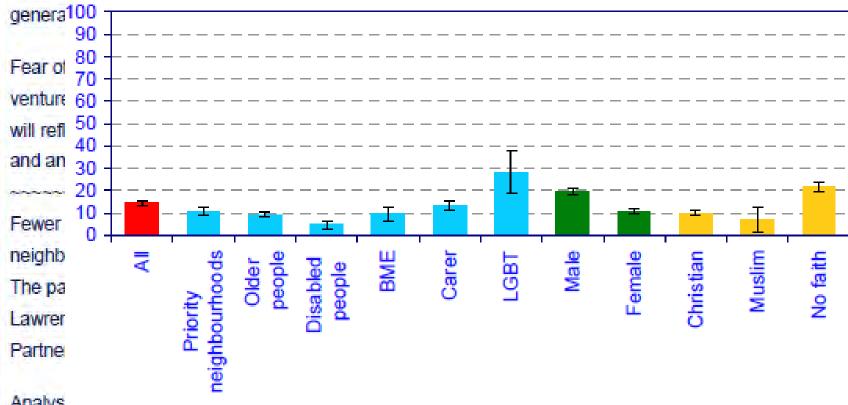
No faith - people who say they have no faith/religion.



2. A city of strong and safe communities

% respondents who say personal safety is a problem in their neighbourhood ⁽³⁾

This indicator and faciling safe outside after dark and during the day (next nage) measure



Analys

areas felt they had problems with their personal safety. This was also the case for disabled people (38%), Black and minority ethnic groups (39%), and the indicator was particularly high for lesbian, gay, bisexual and transgender groups (LGBT at 44%). Further analysis (not

QUALITY OF LIFE ASSESSMENT

OBJECTIVE AND SUBJECTIVE CONDITIONS OF QOL

Objective QoL: observable and measurable conditions (e.g.

durable housing, adequate water provision);

[relatively "objective" assessment done by experts]



[relatively "subjective" assessment done by residents]

Subjective QoL relates to the perceived or (self-) expressed

(dis)satisfaction with specific domains or life in general.





COMPARING OBJECTIVE VS. SUBJECTIVE QOL STATES OF QUALITY OF LIFE

States of quality of life

		Objective condition				
		Good	Bad			
Subjective condition	Good	Well-being	Adaptation			
	Bad	Dissonance	Deprivation			

Tesfazghi, E., Martinez, J., & Verplanke, J. (2010). Variability of Quality of Life at Small Scales: Addis Ababa, Kirkos Sub-City. Social Indicators Research, 98(1), 73-88.

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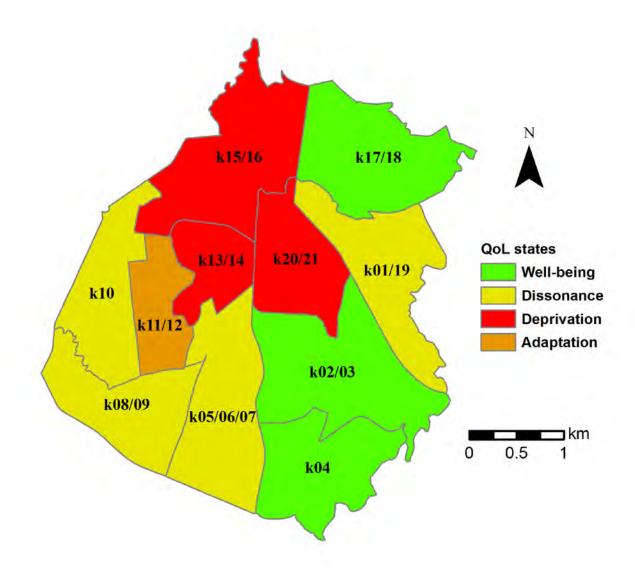


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SUBJECTIVE AND OBJECTIVE QoL

INFORMING POLICY AND PLANNING

Targeting deprived areas





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CASE OF ADDIS ABABA / HOUSING CONDITIONS



Quantitative approach

(Objective QoL)

Secondary data: (census data on adequate housing, wall-roof-floor materials, etc)



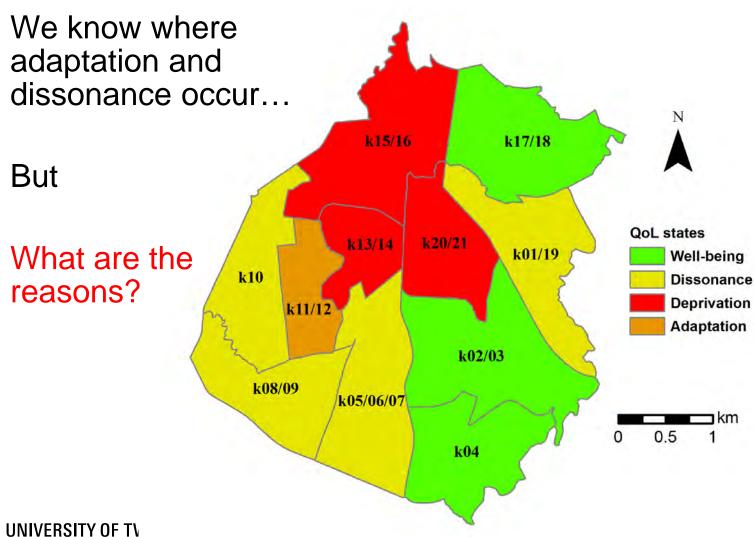
(Subjective QoL)
Household survey with a likert scale (1-6):

1.	How do you assess your housing	Extremely	Very			Very	Extremely
	condition?	Poor	Poor	Poor	Good	Good	Good



SUBJECTIVE AND OBJECTIVE QoL

WELL-BEING - DEPRIVATION / DISSONANCE - ADAPTATION





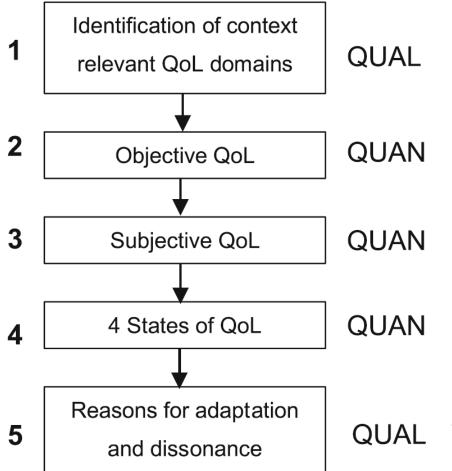
UNDERSTANDING ADAPTATION AND DISSONANCE

We incorporated community sketch mapping and walking interviews to bring a contextual explanation of adaptation and dissonance



SUBJECTIVE AND OBJECTIVE QoL

A MIXED METHODS APPROACH



Berhe, R., Martínez, J. A., & Verplanke, J. (2014). Adaptation and Dissonance in Quality of Life: A Case Study in Mekelle, Ethiopia. Social Indicators Research, 118(2), 535-554. doi:10.1007/s11205-013-0448-y



(WALKING) INTERVIEWS UNDERSTANDING REASONS BEHIND ADAPTATION AND DISSONANCE



"the house is small and it is not in a good condition but I am satisfied because I cannot pay more than what I am paying now for house rent if I do so my kids will starve"

while "objective" measures of accessibility to social infrastructure show good conditions walking interviews with residents revealed dissonance and other dimensions attached to accessibility (e.g. affordability / schools located at the side of high ways > children are exposed to traffic accident)

Berhe, R., Martínez, J. A., & Verplanke, J. (2014). Adaptation and Dissonance in Quality of Life: A Case Study in Mekelle, Ethiopia. Social Indicators Research, 118(2), 535-554. doi:10.1007/s11205-013-0448-y

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(MIXED) METHODS FOR ASSESSING OBJECTIVE AND SUBJECTIVE QUALITY OF LIFE



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IDENTIFICATION OF CONTEXT RELEVANT QOL DOMAINS FOCUS GROUP DISCUSSIONS



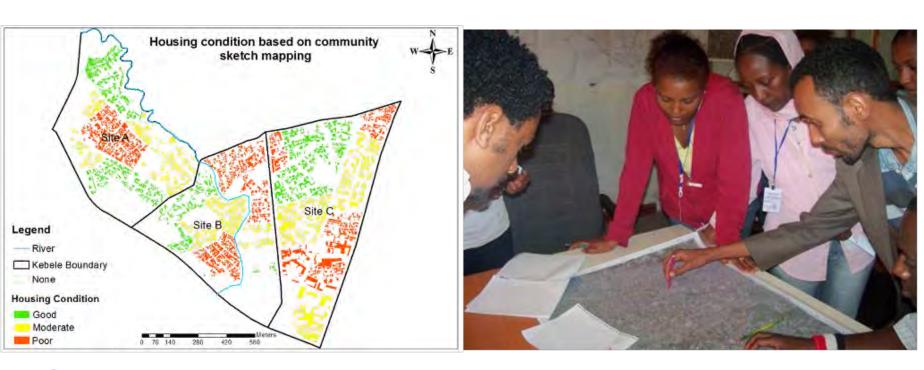






SUBJECTIVE QOL: PARTICIPATORY MAPPING

(Subjective QoL)
Participatory mapping





Photos: Getu, S. (2011) Analyzing variation of urban quality of life using participatory approach in Addis Ababa, Ethiopia UNIVERSITY OF TWENTE.

PARTICIPATORY TRANSECT WALK / Walking interviews



BIRMINGHAM, ENGLAND

GENDER PERSPECTIVE

Women

Men



Perception of Men Perception of women





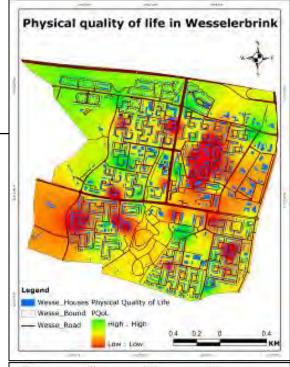
ENSCHEDE, THE NETHERLANDS

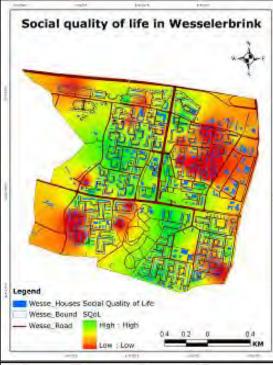
VISUALIZATION OF QOL

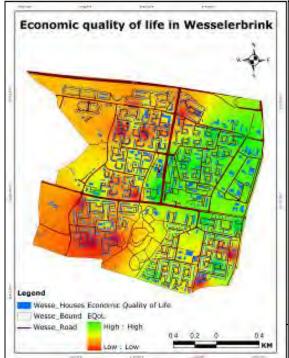
Adapted from Kumar Dashora, L. (2009) Visualisation of urban qualityof-life at neighbourhood level in Enschede. Enschede, ITC, 2009.

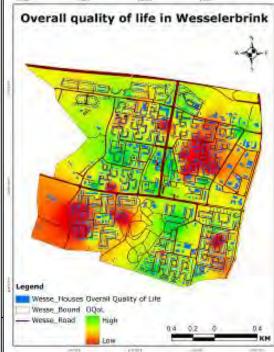


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QOL AND GENDER WHY BUILDING SAFE CITIES FOR WOMEN AND GIRLS?

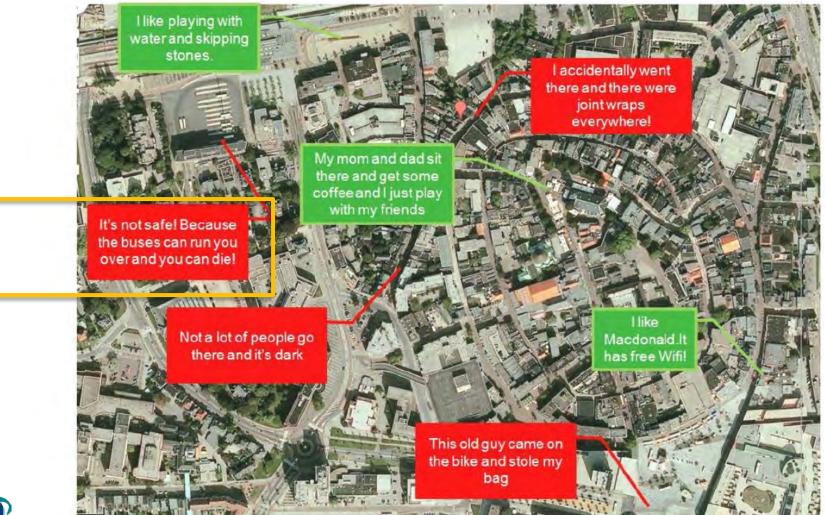
In Shumi et al. 2015, we used a mixed-method approach and elicited emic views to understand how the quality-of-life of women garment workers in Dhaka (Bangladesh) was affected by the walking conditions of the routes the take from home to work.



Home location

Job location High Walkability Medium Walkability Low Walkability

CHILDREN'S PERCEPTION OF THEIR CITY CENTRE





WORKSHOP

- 1. Identification and ranking of QoL domains;
- 2. Attributes of public space domain;
- 3. Mapping of public space
- 4. Discussion



EXAMPLES OF DOMAINS OF LIFE IN OTHER STUDIES

Domains of Life	Studies	
Housing	Foo (2000), Turksever and Atalik (2001), Ibrahim and Chung	
	(2003), McCrea et al.(2006), Santos et al. (2007), Li and Weng	
	(2007), Das (2008), Apparicio et al.(2008), Zebardast (2009)	
Built-environment	Turksever and Atalik (2001), Li and Weng (2007), Das (2008), Apparicio et al.(2008)	
Neighbourhood safety	Foo (2000), Turksever and Atalik (2001), Ibrahim and Chung (2003), Santos et al. (2007), Das (2008), Apparicio et al. (2008)	
Neighbourhood sanitation	Richards et al.(2007), Das (2008)	
Quality of Public of service	Foo (2000), Ibrahim and Chung (2003), Santos et al.(2007), Rojas (2008), Das (2008)	
Access to public services	McCrea et al.(2006), Brereton et al.(2008)	
Social connectedness	Foo (2000), Turksever and Atalik,(2001), Ibrahim and Chung (2003), Bonaiuto et al. (2003), Richards et al. (2007), Lee (2008)	
Family income	Foo (2000), Brereton et al. (2008), Rojas (2008),	



RELEVANT ATTRIBUTES OF DOMAIN: PUBLIC SPACE

Attribute	Objective	Subjective
Safety (lighting)	Availability of street lights (y/n, count) Broken (yes/no) Working*	Satisfaction / evaluation 1 (Satisfied /Good) 2 (Moderate) 3 (Unsatisfied / Bad) (In)Sufficient*
Attribute 2		
Attribute 3		
Attribute 4		

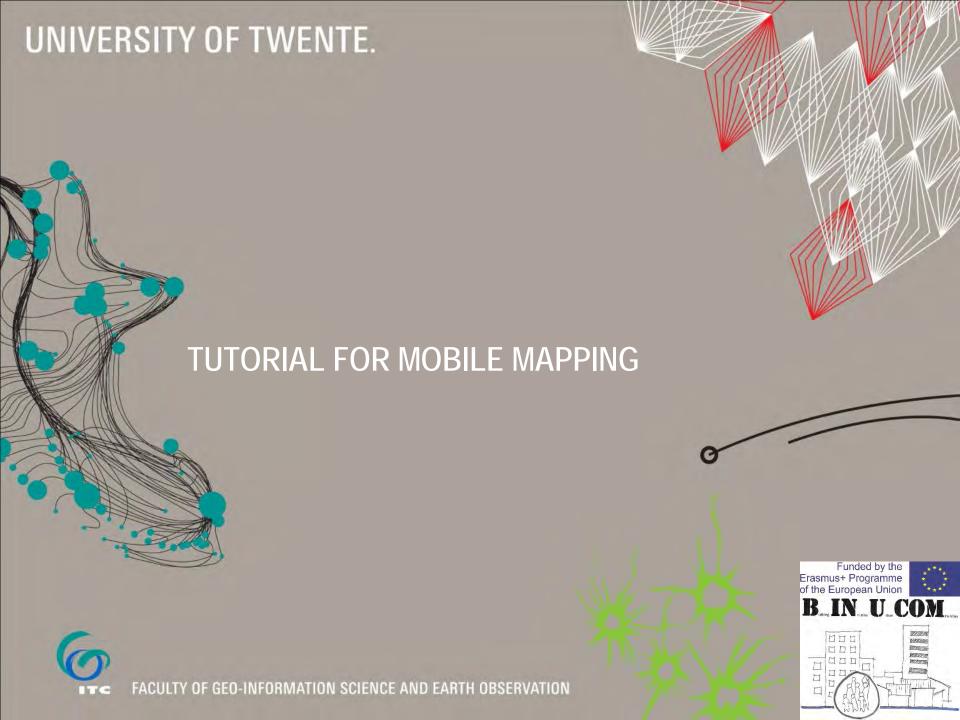
The question of subjective vs objective



ATTRIBUTES OF QUALITY OF PUBLIC SPACES

Location name (label)
Environmental Risk (flooding, pollution)
Safety (gender based)
Accessibility (obstruction)
Inclusiveness (social interaction, child friendliness)
Amenities (abundance)





MAPIT

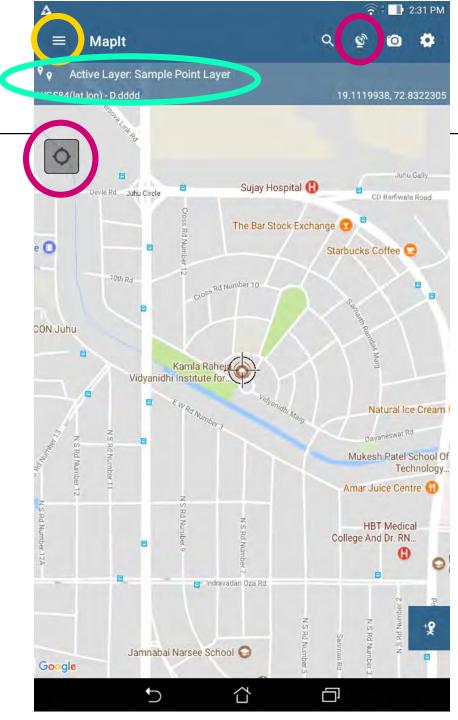
Android only

Google App store

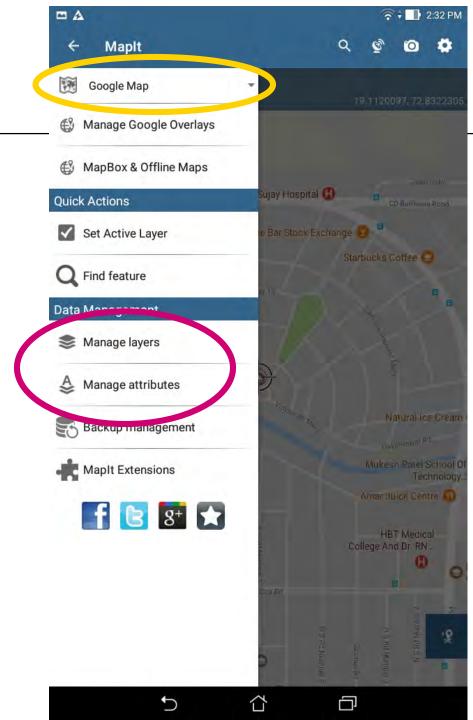
USD 10 for full version

Allows point, line, polygon

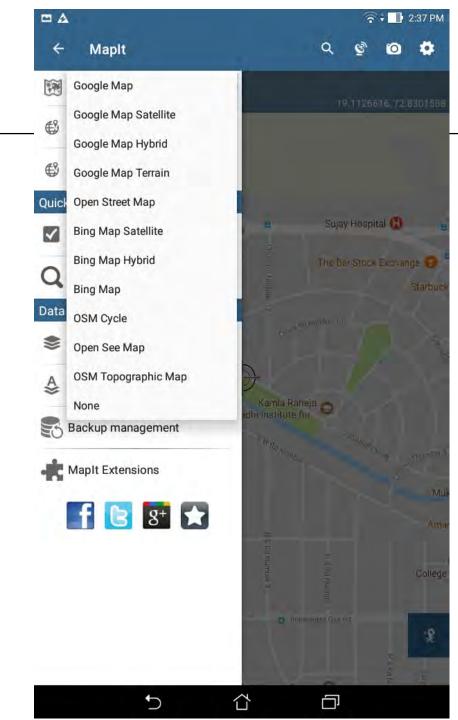
Multiple attributes



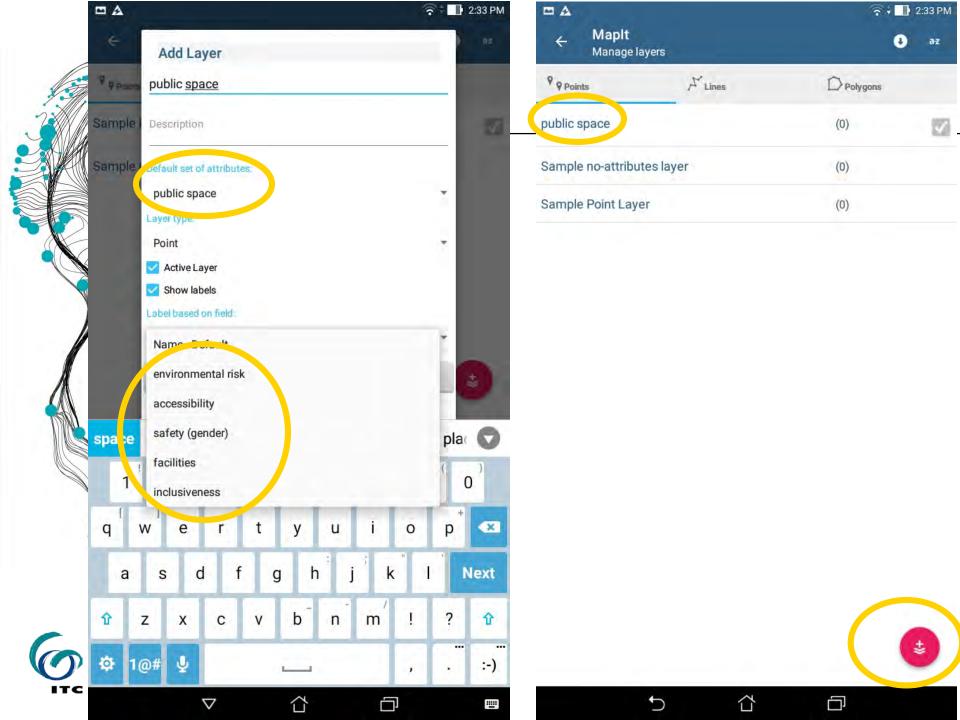


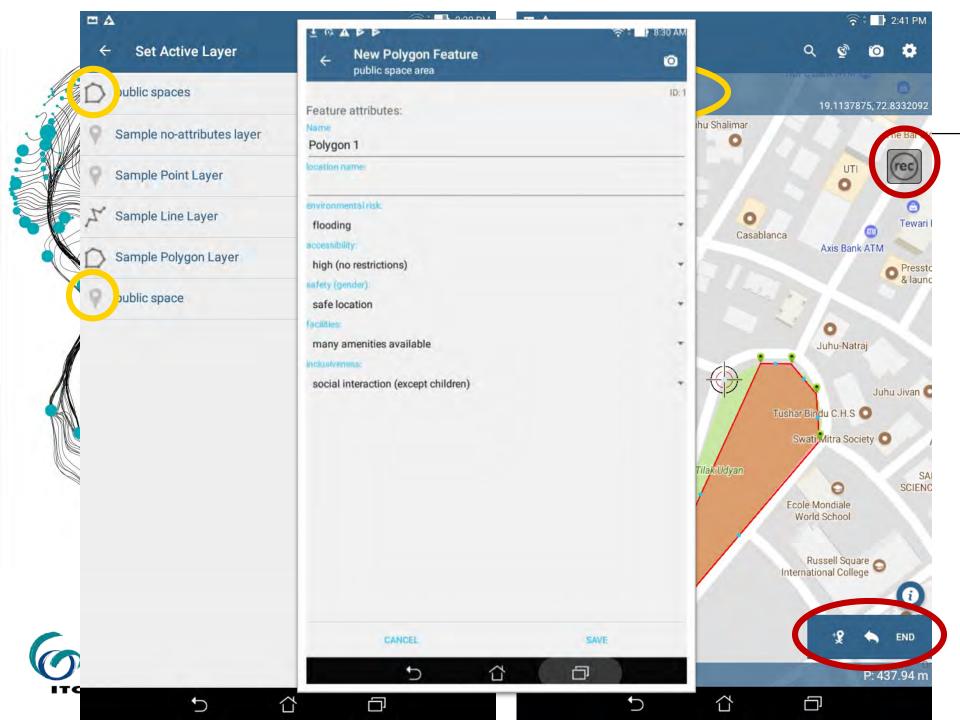














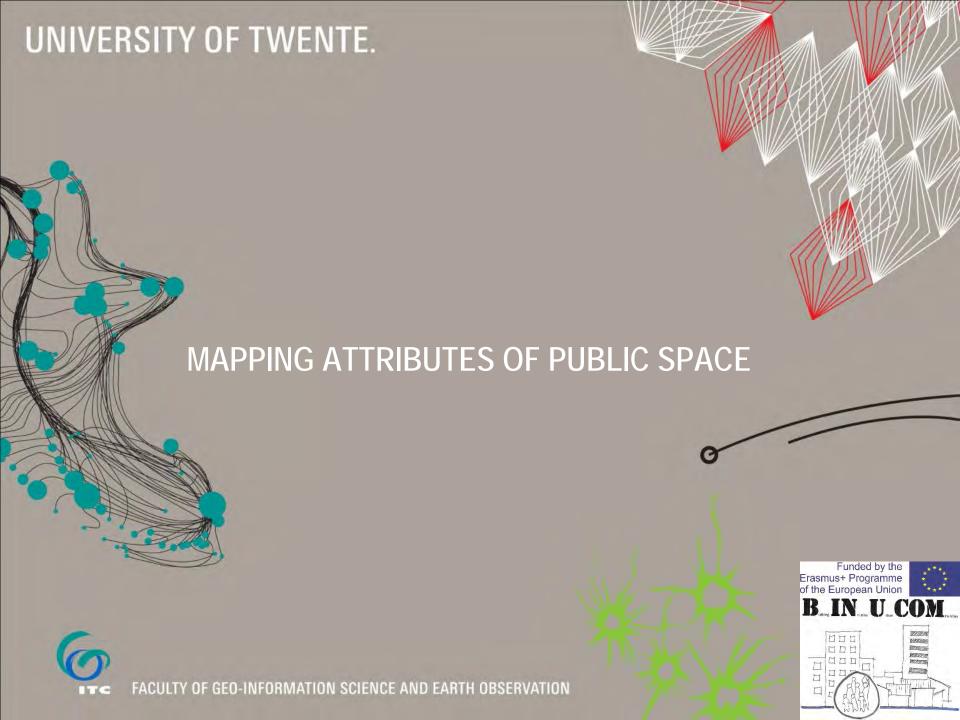




FIELD MAPPING THE QUALITY OF PUBLIC SPACE

- Create groups of only men or women
- Each group create a data collection strategy to enable you to visit as many public locations on campus as possible to map the attributes
- Consider the use of your own knowledge and perception or that of others.
- Use the MapIt app to record your data. Familiarize yourself with the app.

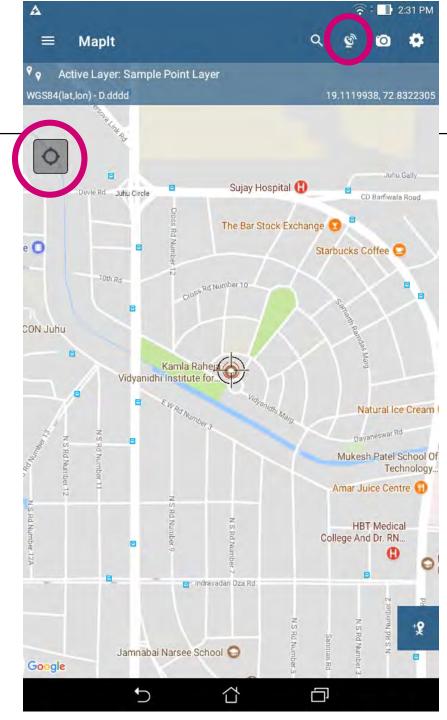






WHAT TO DO?

- Go outside
- Make sure the GPS is operating (can take 10 mins)
- Keep track of time, be back here on time







NOW GO FORTH AND MAPPETH!



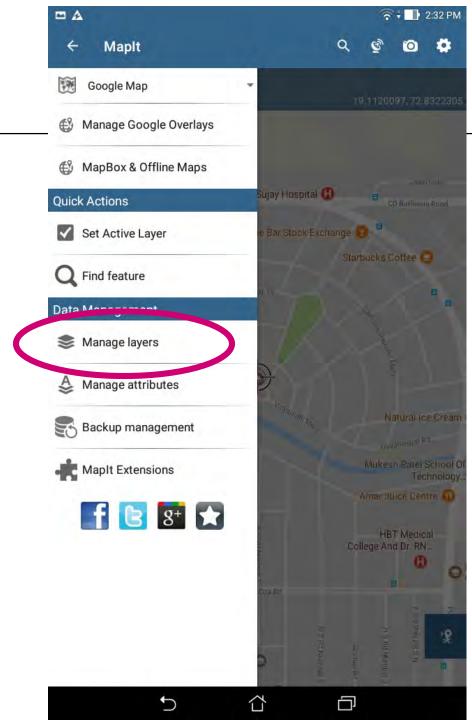


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AFTER MAPPING

- Export your collected data (pro-version tablets only)
 - Select layer
 - Menu>export
 - Share exported file
 - KML
- Send the file to <u>j.verplanke@utwente.nl</u>







NOW WE DISCUSS ...







DISCUSSION

- How can YOU apply these skills and tools?
- Challenges & limitations?
- Appropriate technology?

- Is there contrast between observations of men and women / groups? Is this surprising?
- Which questions remain?







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