The Community Geo-timeline

NOTTINGHAM

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TURAS is about understanding and enabling strategies and processes that support community resilience and sustainability.
Community Geo-timeline Project Description and Goals

The Community Geo-timeline is an open online resource that collates long-term historical and topographical data, changes in the infrastructure provision, stages of urban development and regeneration and, most importantly, tangible and intangible values of place identified by the community.
Community Geo-timeline Project Description and Goals

Case study for development: Meadows Nottingham
War memorial on Embankment, 1927

The war memorial was opened on the Embankment in 1927.
Category: Community Facilities
1974
Community Centre Opens
4th August 1974

Nottingham City Council bought old Railway goods office. Since then opened as a community centre.

Category: Community Facilities
January 1, 1979 — December 31, 1979

Meadows Redevelopment

Demolition of large sections of the Meadows which were deemed unsuitable for modern habitation occurred in the 1970s. New developments which separated pedestrians from motorists through the creation of cul-de-sacs, feeder roads and underpasses were constructed. New neighbourhood centres with shops and other services were constructed.

Category: Housing

1976

Closure of the Arkwright Station

1974

Community Centre Opened 4th August 1974

1967

First Stop Development Meadows

1968

Electric bus operates in Meadows

1969

Openable roof

1973

WWII bomber

1975

Start of local radio

1977

Closure of the Arkwright Station

1978

Old St Georges Church Woll
January 1, 2012 — January 1, 2015

Green Street Sustainable Housing Project in the Meadows

The first phase of redevelopment commenced with phase 1 of Green Street, consisting of 38 low energy use 3 and 4 bedroom residential properties. The second phase
Creation of an energy services group in the Meadows

Meadows Ozone Energy Services (MOZES) was formed; the group is a grassroots organisation formed by people who live in the Meadows. MOZES aims to tackle issues relating to fuel poverty and greenhouse gas emissions in the community. Funding was awarded from the Department of Energy and Climate Change in 2009 for the installation of solar photovoltaic on 55 houses, bringing renewable energy to the community.
Arkwright Meadows Community Garden

The Arkwright Meadows community garden was set up in 2001 by local community residents to transform a disused playing field into a green space for all to use.
Category: Community Facilities
Community Geo-timeline Project Description and Goals

RESEARCH AIM FOR THE COMMUNITY GEO TIMELINE:

- identify the build up of capacity, knowledge and networks between people and place and their effect on building social resilience over time
Community Geo-timeline Project Description and Goals

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The Community Geo-timeline
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1. provides a collective database of history, identity and place attachment that generates a shared platform of knowledge and dissemination.
2. allows access to community inherent knowledge and values in the lead up to new development projects to facilitate consultation and negotiation in the planning process.
3. registers developing patterns and trajectories of community resilience.
Community Geo-timeline **Project Development**

**Project Development:**

- Review of historical, topographical, socio-economic and spatial data
- Consultation with community groups and stakeholders

Community focus event. Presentation by Laura Alvarez (University of Nottingham). Other presentations included Dr. Lucelia Rodrigues (Nottingham TURAS lead) and Aoife Corcoran from University College Dublin who developed the online platform.
Challenge addressed:

Communities have a wealth of knowledge, including memories and ideas that could help various stakeholders solve diverse urban problems: "community capital".

Greater community engagement is needed to accumulate, harness and assess this community capital in order to develop effective strategies and innovative solutions to urban problems.
Community Geo-timeline **KEY FINDINGS**

The geo-timeline *helps community members connect to important community information.*

The geo-timeline *provides local information which can often be missing from discussions relating to the development process.*

The geo-timeline *is indicative of pattern of development of community capacity and resilience.*
patterns & trajectories in the development of social resilience
How is the geo-timeline tool beneficial to local authorities?

It can reveal internal relationships or path-dependencies of current developments such as the relationship between changes in infrastructure and social adaptation.

By crowd sourcing information that would otherwise be inaccessible, we can co-relate this very rich source of information with other data such as statistics and spatial information and enable learning.

Image by Laura Alvarez (Turas Nottingham)
CONCLUSION & OUTLOOK
The geo-timeline provides a tool for capturing a community narrative, provides opportunities for learning and increased collective action. It is the shared learning aspect which will be a key contribution to social resilience.

In conjunction with its ongoing management, monitoring and evaluation, the geo-timeline would allow for the identification of the build-up of capacity, knowledge and networks between people and with place, and their effect on building social resilience over time.
THANK YOU!

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