Measuring Social Cohesion for Urban Resilience Management: A pilot research proposal

Resilient Cities 2018 Congress
Bonn, April 26th
Research used extensively by organisations including the OECD, Commonwealth Secretariat, World Bank and the United Nations.

An independent, not-for-profit think tank that specialises in the use of quantitative and qualitative data and relies on statistical analysis to generate results.

IEP’s flagship research product, the Global Peace Index

Ranked as one of the 15 most impactful think tanks in the world on the Global Go To Think Tank Index.
A research initiative with an ICLEI city member to build-up the evidence base on social cohesion in connection to city resilience

Why: Lack of proper system-wide indicators. Resilience operationalization and measurements today are falling short of comprehensive and multi-dimensional approaches to resilience.

Result: the case study will provide a city partner with a way to build more cohesive communities through management of its city resilience.

Step toward: A monitoring instrument assessing social cohesion for managing resilience at the city level.
Defining and measuring peace

Negative Peace
- Absence of direct violence
- Absence of fear of violence

Positive Peace
Attitudes, institutions and structures which sustain peace.

Why do certain cities or areas within cities have different levels of violence/resilience than others?
Dynamics of Positive Peace
Positive Peace also effects other factors that feedback on Negative Peace.
Pillars of Positive Peace

The attitudes, institutions and structures that sustain a peaceful society.

High PP produces:

- More resilient to societal shocks.
- Fewer violent protests and riots.
- More resilient to environmental shocks.
- More ecologically sound.
- Higher performance on the MDGs.
- Higher GDP Growth.
POSITIVE PEACE IN GERMANY

The graph illustrates the Positive Peace Index for Germany compared to the global average. Key factors include:

- Functioning Government
- Equitable Distribution of Resources
- Sound Business Environment
- Free Flow of Information
- Good Relations with Neighbours
- Acceptance of the Rights of Others
- High Levels of Human Capital
- Low Levels of Corruption

The arrow indicates where Germany stands in comparison to the global average across these factors.
The bonds between people

To be identified in the Acceptance of the Rights of Others and Good Relations with Neighbours

- Well-Functioning Local Government
- Equitable Distribution of Resources
- Free Flow of Information
- Good Relations with Neighbours
- High Levels of Human Capital
- Acceptance of the Rights of Others
- Low Levels of Corruption
- Sound Business Environment
- Integration of foreigners
- Satisfaction in educational facilities
- Trust in fellow citizens
- Positive view of foreigners

Positive view of foreigners

Satisfaction in educational facilities

Trust in fellow citizens

Integration of foreigners

POSITIVE PEACE INDEX
Trust vs positive view of foreigners

Cities where a higher percentage of citizens report to trust their fellow citizens tend to be those where a higher percentage report to feel that foreigners are a good thing for the city.

\[ r > 0.5, \text{ p-value} < 0.001 \]
Integration of foreigners vs positive view on foreigners

Cities where a higher percentage of citizens report to feel that foreigners are well integrated tend to be those where a higher percentage report viewing foreigners as a good thing for the city.

(r = 0.74, p-value < 0.001)
Educational facilities vs integration of foreigners

Cities where a higher percentage of citizens report to feel satisfied with the educational facilities tend to be those where a higher percentage report to feel that foreigners are well integrated.

(r > 0.40, p-value < 0.005)
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# SDGs & POSITIVE PEACE PILLARS

## Coverage of Positive Peace Pillars in SDG Targets

<table>
<thead>
<tr>
<th>Pillar</th>
<th>Number of Targets Relevant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low levels of corruption</td>
<td>3</td>
</tr>
<tr>
<td>Free flow of information</td>
<td>25</td>
</tr>
<tr>
<td>Good relations with neighbours</td>
<td>56</td>
</tr>
<tr>
<td>Sound business environment</td>
<td>59</td>
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<tr>
<td>Equitable distribution of resources</td>
<td>62</td>
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<tr>
<td>Acceptance of the rights of others</td>
<td>71</td>
</tr>
<tr>
<td>High levels of human capital</td>
<td>86</td>
</tr>
<tr>
<td>Well-functioning government</td>
<td>95</td>
</tr>
</tbody>
</table>