Uniting health and development in geography

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Uniting Development and Health

- Reciprocal relationship

- Current trends
  - De-values state-sponsored
  - Favors NGOs and the private market
  - Health care, drinking water

- Structural violence
  - Policies and practices of development (SAPs, loan contingencies, etc.)
  - Unequal health experiences
  - Direction and scale of influence

- Explicit violence
Development and Health

Implication:

Widening the health gap
Common ground

- 3 case studies

- **Theme 1**: Policies enacted retrospectively, present health outcomes

- **Theme 2**: Exploration of social divisiveness of some policies

- **Theme 3**: The ways and degrees to which current development practices deepen vulnerabilities or marginalization for some
Amber’s Case Study

Development, Vulnerability and Health in Nyabushozi county, Uganda
Vulnerability

- Development trends
- Widening the health gap
- Vulnerability
  - Biophysical vulnerability
  - Social vulnerability
- Resilience
Health, Vulnerability and Development

- Policies
  - Privatization
  - Creation of national park
- Resources inaccessible
- Water quality
- Water quantity
- Expected health impacts
Case study details

- Assessment of impacts of development policies and their implementation

- Policies:
  - Ranch Restructuring Scheme
  - Creation of Lake Mburo National Park

- Changes in resources

- Populations:
  - Bahima
  - Bairu
  - Migrants
Pilot Work

- Bacterial contamination assessment
- Drinking water sources in 2 towns
- Measured relative levels, identified bacteria isolated
- Identified potential sources of contamination
- Noted water usage/sharing

<p>| TABLE 1 |
|------------------|----------------|----------------|------------------|
| Amount of water used, households served and mean presumptive E. coli by source type and SIF score |</p>
<table>
<thead>
<tr>
<th>Type, Score (n)</th>
<th>Mean l drawn/d (SD)</th>
<th>Mean households served (SD)</th>
<th>Mean presumptive E. coli CFUs (SD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Borehole</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SIF Score 2 (2)</td>
<td>370 (276)</td>
<td>77 (52)</td>
<td>0 (0)</td>
</tr>
<tr>
<td>SIF Score 4 (1)</td>
<td>40</td>
<td>20</td>
<td>0</td>
</tr>
<tr>
<td>SIF Score 5 (1)</td>
<td>4</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Farm pond</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SIF Score 0 (16)</td>
<td>36 (55)</td>
<td>7 (7)</td>
<td>22 (34)</td>
</tr>
<tr>
<td>SIF Score 1 (25)</td>
<td>17 (21)</td>
<td>4 (5)</td>
<td>34 (64)</td>
</tr>
<tr>
<td>Valley tank</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>SIF Score 0 (1)</td>
<td>175</td>
<td>40</td>
<td>6</td>
</tr>
<tr>
<td>SIF Score 1 (1)</td>
<td>120</td>
<td>40</td>
<td>2</td>
</tr>
</tbody>
</table>
Next steps

- **Intentions**
  - Evidence of inequality
  - Non-aggregated data
  - Inform policy directions

- **Connect scales**
  - Individual health
  - Understanding policy implementation process
  - Understanding policy intention, source of impetus for change
  - Large, transnational scale processes
Closing Thoughts

Integration of Health and Development
- After-effects of development policies
- Exacerbation of social stratification and inequality
- Vulnerability and marginalization

New possibilities
Questions?