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Knowledge is True
Knowledge is Shared
An “Information Crisis”

The depiction of the city, its problems and its potential still remain sorely distorted.

Most cities in the developing world are suffering from an information crisis which is seriously undermining their capacity to develop and analyse effective urban policy.
The SDI/SFI Collaboration

Clean & Organize SDI settlement profile data on

7,000 slums worldwide

Create a real-time intuitive process for creating and analyzing data at many levels of analysis.

Create simple data entry, accuracy checks, immediate visualization and editing for each settlement

Create Open Data Platform for neighborhood development
Features of (new) SDI data collection

Data must serve community purposes.

Data must be verifiable.

Data collection evaluates quality of services as monetary cost and use of time.

Data evaluates collective efficacy, human and social capital.

Data is designed to be followed over time and enable cross-community learning.
Enable many uses of slum census data

Community
Enable the creation of verifiable information

Local authorities, land owners, utilities
Enable effective, evidence-driven urban planning

National Governments

International Agencies
Enable knowledge accumulation and a scientific approach to human development

Research Community
Mapping UT Litha Park
Kaylitscha, Jun 6, 2013
Data Entry Goals

- Consistency
- Immediate accuracy checks
- Verifiability
- Quick analysis
# Informal Settlement Profile

## A. DATE AND CONTACT

<table>
<thead>
<tr>
<th>A1. DATE AND TIME OF PROFILE</th>
<th>A2. PROFILED BY</th>
<th>A3. PROFILER PHONE NUMBER</th>
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<tbody>
<tr>
<td>yyyy-mm-dd hh:mm</td>
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<td>International Convention (i.e. +2772....)</td>
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Contact Person
Contact person(s) in settlement.

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<thead>
<tr>
<th>A4 GENDER</th>
<th>A5 NAME</th>
<th>A6 SURNAME</th>
<th>A7 TELEPHONE NUMBER</th>
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## B. WHERE IS THE SETTLEMENT LOCATED AND HOW DID IT COME TO BE HERE?

INTERVIEWERS PLEASE NOTE: Questions B1, B3, B4, B5 and B6 can be completed before going to the settlement if the information is available. Where ever possible try to engage community members in a conversation about their settlement and not just go through the list of questions. Where possible, please record any additional observations or comments in the spaces provided to give a more holistic picture of the settlement, its conditions and experiences of daily life.

B1. GPS COORDINATES
Try to collect this point as close to the centre of the settlement as possible.

<table>
<thead>
<tr>
<th>latitude (x:y *)</th>
<th>search for place or address</th>
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 KNOW YOUR CITIES
 KNOW YOUR SLUM

Select a country...

http://civitas.santafe.edu/viz/
# Ranga Reddy

## Location

- Slum Population: 792,772
- Total Settlements: 314
- Total Households: 180,695
- Median Family Size: 4

## Basic Information

### Water
- Residents per Tap: 11.4
- Residents per Well: 2,781.7
- Residents per Water Source: 10.8

### Health Access
- % Settlements with Hospital Access: 36.3%

## Infrastructure

- % Households with Electricity: 96.9%
- Bus Stops: 24

## Community

- Libraries: 12
- Average Residents per Library: 66,064.3
- Markets: 16

## Toilets

- % Settlements with Sewer: 49.0%
- Individual Toilets: 111,403

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[http://civitas.santafe.edu/viz/](http://civitas.santafe.edu/viz/)
BRIDGING THE OPEN SOURCE SOFTWARE, NONPROFIT AND CORPORATE TECH COMMUNITIES, SOCIALCODING4GOOD CONNECTS SOFTWARE DEVELOPMENT PROFESSIONALS WITH OPPORTUNITIES TO VOLUNTEER THEIR TIME AND TECHNICAL TALENT TO ORGANIZATIONS CREATING TECHNOLOGY SOLUTIONS FOR SOCIAL GOOD.

Why you’ll love GitHub.

Powerful features to make software development more collaborative.

Great collaboration starts with communication.
Review changes, comment on lines of code, report issues, and plan the future of your project with discussion tools.

Friction-less development across teams.
Work with project collaborators or teams of people in organization accounts to communicate with ease.
Seventh session of the World Urban Forum
Urban Equity in Development - Cities for Life

Programme
April 2014
Without a common framework to organize findings, isolated knowledge does not cumulate.

Elinor Ostrom
Science 2009
Without a common framework to organize findings, knowledge will not cumulate.

Elinor Ostrom
Science 2009