



**Secondary  
CITIES**

OFFICE OF THE GEOGRAPHER  
[SecondaryCities.state.gov](http://SecondaryCities.state.gov)

**The Secondary Cities Initiative –  
Building partnerships for participatory  
mapping & urban resilience**

**The Office of the Geographer,  
U.S. Department of State**

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Geographer of the  
United States*

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Humanitarian Information Unit*



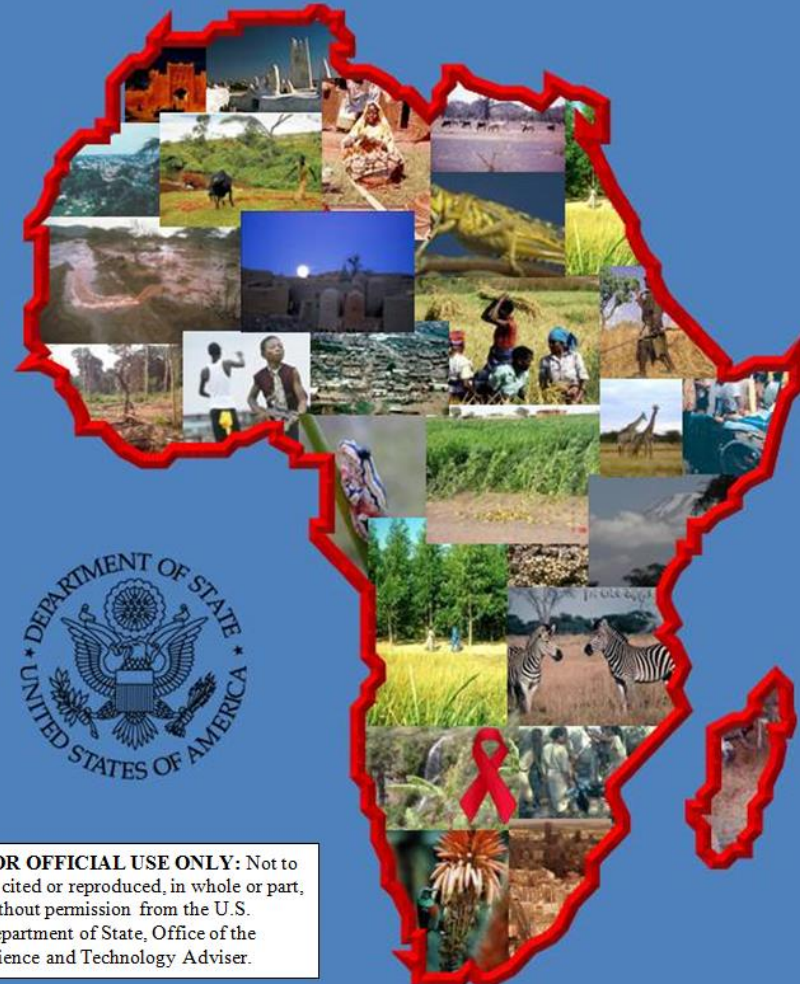
# GDEST 2008 – Geospatial Sciences for Sustainable Development in Africa

*\*Focus on diverse  
partnerships\**

Global Dialogues on Emerging Science and  
Technology (GDEST) 2008

Geospatial Sciences for Sustainable Development  
in Africa

(Findings from GDEST site visits, March 2008)



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Science and Technology Adviser.

# The Secondary Cities Initiative

- Rapidly growing, data-poor cities
- Community-based participatory mapping provides unique activity & relationship context
- Partnering with **local governments, universities, NGOs**



Mapping human geography

# Join us at [SecondaryCities.state.gov](https://SecondaryCities.state.gov)



## PARTNERS

Our lead partners facilitate relationships with local partners in the field and work with embassy and local government officials, universities, and non-governmental organizations

**American Association of Geographers**  
**Colorado State University**  
**Humanitarian Information Unit**

2C project and partners support any one or combination of open source and proprietary **geospatial tools and technologies** for data generation, data management and sharing, data visualization, and remote sensing. 2Cs has established a partnership with **Esri** to use their **ArcGIS** software products.

## DATA

Human Geography data collected during each Secondary City project are available via the **Secondary Cities GeoNode**

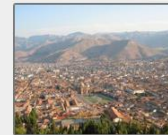
### DATA INTEGRITY

[Ethics](#) [Metadata](#) [QAQC](#)

Data integrity is the maintenance and assurance of accuracy and consistency of data over its entire life cycle. Integrity is essential to project design as well as data creation, generation, development, analysis, and management.



## Cities



Cusco, Peru



Denpasar, Indonesia



Douala, Cameroon



Esmeraldas, Ecuador



Kharkiv, Ukraine



Medellin, Colombia



Mekelle, Ethiopia



Pokhara, Nepal



Port Harcourt, Nigeria



Santiago, Dominican Republic