South Africa - Socio-Environmental Data Integration for Population-Environment-Health Research:

Lori Hunter
Wayne Twine

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Visit our data catalog at: https://data.agincourt.co.za/index.php

Overview

Identification

ID NUMBER
AHPU.ZA011.SPEH.2018

Overview

ABSTRACT
This project aims to develop and evaluate different approaches to anonymizing Agincourt HDSS data to facilitate broader release of geocoded data for research requiring the inclusion of contextual data. We argue that linking HDSS social data with spatially precise, longitudinal environmental observations provides extraordinary opportunities for research on the environmental aspects of shifts in population, health and well-being. This proposal has four elements:

1. identify, acquire and process climate and earth observational data for the northeast of South Africa, 1996-2016;

2. integrate long-term ecological data with the longitudinal social data within the Agincourt HDSS;

3. demonstrate the enhanced research potential through extension of prior research on AIDS-related impacts on natural resource-based livelihoods;

4. reach out to the INDEPTH network with the goal of identifying at least 2 other study settings interested in social-ecological data integration.

UNITS OF ANALYSIS
individual

Coverage

UNIVERSE
Residents of all villages, including the 9 villages included in the SUCSES data collection.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Lori Hunter	
Wayne Twine	

DDI DOCUMENT ID
AHPU.ZA011.SPEH.2018

Sampling

No content available

Questionnaires

No content available

Data Collection

Data Collection Dates

Start	End	Cycle
2007	2014	P1

Time Periods

Start	End	Cycle
2007	2014	N/A

Data Processing

No content available

Data Appraisal

No content available

File Description

Variable List

LocationsCoordinates

Content	
Cases	26020
Variable(s)	4
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1	VillageName	VillageName	discrete	character	
V2	LocationID	LocationID	discrete	character	
V3	CoordLongX	CoordLongX	discrete	numeric	
V4	CoordLatY	CoordLatY	discrete	numeric	

VillageName (VillageName)
File: LocationsCoordinates

Overview

Type: Discrete
Format: character
Width: 13

Valid cases: 26020
Invalid: 0

LocationID (LocationID)
File: LocationsCoordinates

Overview

Type: Discrete
Format: character
Width: 5

Valid cases: 26020
Invalid: 0

CoordLongX (CoordLongX)
File: LocationsCoordinates

Overview

Type: Discrete
Format: numeric
Decimals: 2
Range: 31.1285431768-31.4252054399999

Valid cases: 26020
Invalid: 0

CoordLatY (CoordLatY)
File: LocationsCoordinates

Overview

Type: Discrete
Format: numeric
Decimals: 2
Range: -24.96482--24.72345525

Valid cases: 26020
Invalid: 0