PRIMJENA GIS-A U RAZVOJU RURALNIH PODRUČJA

PRIMJER: MMANOKO (BOTSWANA)

Sveučilište u Zadru, Odjel za geografiju
Ante Šiljeg, prof.

MMANOKO DEVELOPMENT PLAN

SERVICES ACCESSIBILITY

PRIMARY SCHOOL WALKING DISTANCE CATCHMENT AREAS

Concentric circles around Mmanoko Primary school used to determine the walking distances travelled from households to the school.

ROADS
- Primary road (national)
- Primary road (local)
- Secondary road
- Tertiary road (hamlet)
- Tertiary collector road
- Access road
- Village area Boundary
- Ward Boundary

DISTANCE AREAS
- 200 meters
- 500 meters
- 1000 meters
- 1500 meters
- 2000 meters
- 3000 meters
- 4000 meters

SERVICES
- BPC
- Church
- Clinic
- Football grounds
- Kppla
- Nursery
- Old shop
- Pre-school
- Shop
- Staff house (agriculture)
- Staff house (clinic)
- Staff houses (school)
- Temporary waste
- VDC
- Water reserves

PROJECT PHASE: SURVEY AND ANALYSIS

URP 401 - RURAL LAND USE PLANNING

STUDIO PROJECT TEAM:
- STUDIO PROJECT CLIENT:

STUDIO MASTER:
- Prof. Branko Cantić, RTPI (UK), ISOCARP
- Department of Architecture and Planning
- University of Botswana
- Filling ROZ, Palapye, Botswana

GUEST STUDIO ASSISTANTS:
- Arie Sijie, PhD Student
- Enok Tepete, PhD Student
- Department of Geography, University of Zululand
- 1.567.926, JHB, Citta, Italy

URP 401 STUDENTS:
- Edgar Tshabalala
- Sikhedi Mtiwebe
- Kelegile Mpuiso
- Mpho Mmoka
- Loveness Defian
- Kwezi Kgaba
- Khoma Mselo
- Bekezela Datsipa
- Naledi Matlali
- Lekgotla Mokwane
- Linyane Mpho
- Mafuphe Tshipi

DATA AND TECHNOLOGY
- ArcGIS Desktop 10.7
- ArcGIS Online
- Google Earth aerial photo 2009

SOURCE:
- Land use field survey data 2009

GIS SOFTWARE
- ArcGIS Desktop 10.7
- ArcGIS Online

IMMANOKO VILLAGE
- Village Community
- Village Development Committee

KWEENGU DISTRICT
- Kweengu District Council
- Filling ROZ, Palapye, Botswana
- Filling ROZ, Masopo, Botswana
- Filling ROZ, Molopo, Botswana