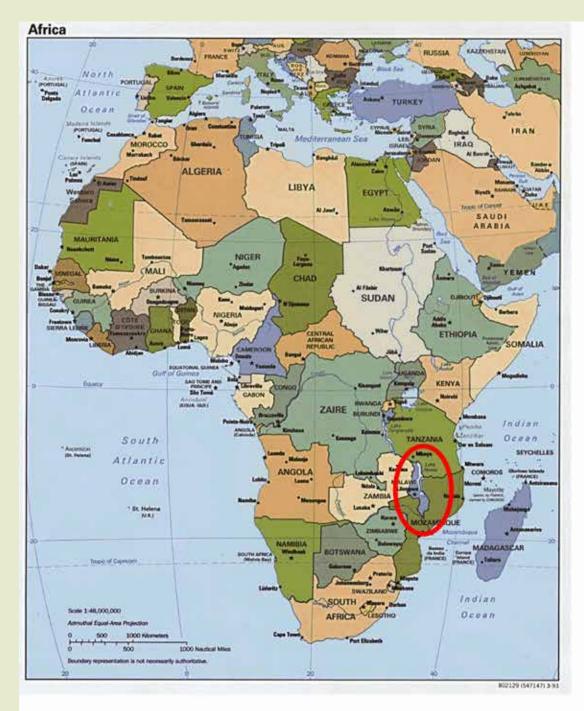
Sister Cities Urbana, IL USA Zomba, Malawi Haizhu District, Guangzhou, PRC



2013 Sino-African Initiative

2010-2012 African Urban Poverty Alleviation Program Grant Report of on-site visit January 23-February 3, 2013

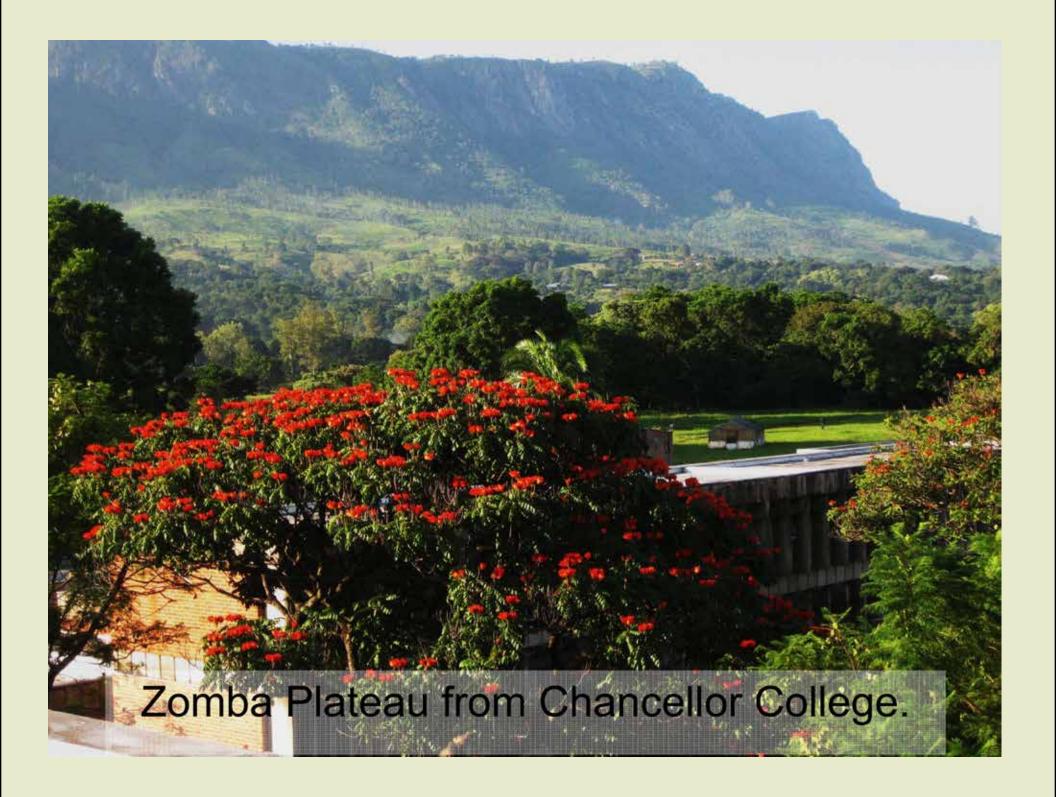


http://geography.about.com/library/cia/blcmalawi.htm



Malawi Geography

- Same size & population as Pennsylvania.
- One of poorest countries in Africa.
- National debt ~228% of GDP (USA is ~ 103%).
- ~14% adults HIV infected,
- Most are Christian, 10% muslim
- 7 languages, 3 groups of ethnicity
- ~ \$860/person, ~\$2.35/day
- Agriculture is principal source of FOREX (60% tobacco), mining is increasing.





Chronology of Urbana-Zomba-Haizhu District, Guangzhou Sister Cities



- Urbana Presbyterian Church (Rev. Don Mason) + Jeans CCAP Church in Domasi build more than 600 shallow wells.
- 2009 Urbana and Zomba become Sister Cities.
- 2010 AUPAP funds three development projects in Zomba, Malawi.
- 2010 Two projects proceed with construction.
 - Ablution Block at Zomba Hospital Guardian Village
 - Toilets with doors at three primary schools.
- 2012 AUPAP Projects (toilets, ablution block) completed and in operation. Haizhu D. & Urbana become Sister Cities.
- 2013 Sino-African Initiative diverts wastes from landfill to compost for mulch..



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Sino-African Initiative Grant Awarded 2010

The Urbana Sister Cities Program is awarded a \$100,000 grant from Sister Cities International to improve health and sanitation in our African Sister City, Zomba, Malawi. Urbana will manage a **Tri-lateral Partnership** of mutual cooperation with Zomba and our Chinese Sister City, Haizhu District in Guangzhou, China. All will work to solve problems and bring solutions to significant health issies in Zomba.

The team selects trash collection and garbage removal as its major focus. Trash collection bins will be constructed in key areas of Zomba. Grant money will also be used to purchase of a garbage truck for collecting trash in Zomba.

Team member Scott Tess, Urbana's Environmental Sustainability Manager, proposes building separate organic waste collection bins and the construction of a composting station at Zomba's landfill. Composted organic vegetable matter will be bagged and sold to local farmers, creating an organic recycling plan for the city. Sale of Compost will make the plan financially sustainable and improve crop yeilds.

These plans are approved and work commences. Team members meet in Malawi, visiting earlier AUPAP work sites and looking at Zomba's trash collection infrastructure.

Urbana and Zomba Sister City Committee members at Nairobi conference sponsored by Sister Cities Int'I (US State Dept.) and Frienship Cities (PRC)

Sun Yat Sen University, Haizhu District Guangzhou, Guangdong, PRC







Zomba Hospital Guardian Ablution Block



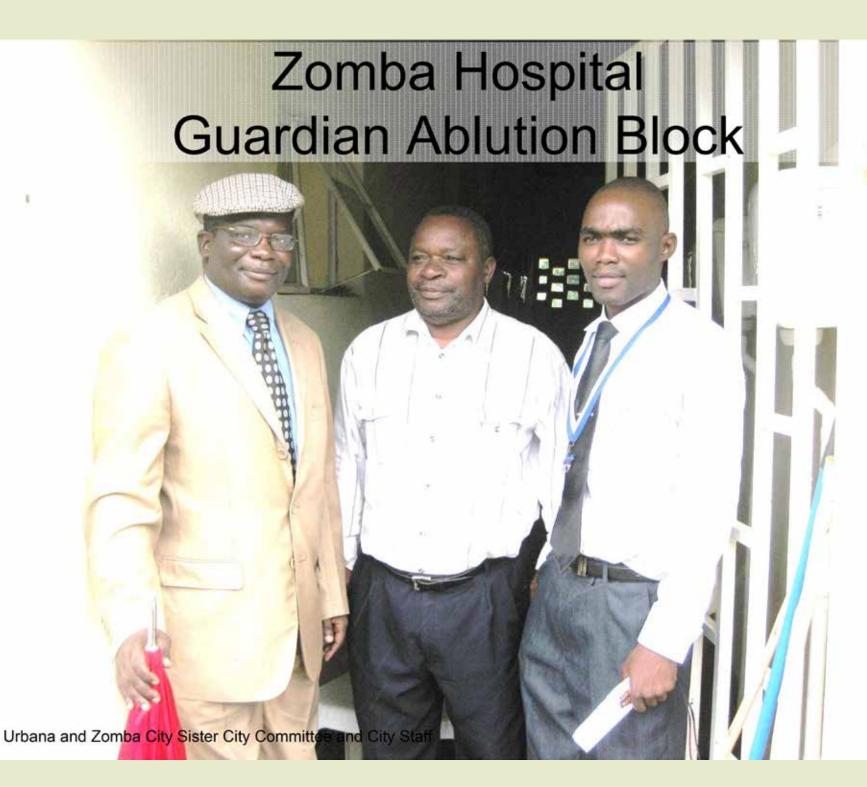
Hospital staff take care of medical needs.

Feeding, washing, clothing, some nursing is done by family "guardians."

Ablution block provides toilet, shower and laundry for guardians.

Urbana and Zomba City Sister City Committee and City Staff

Zomba Hospital Guardian Ablution Block



"Rocket" stove (donated by Scott Dosset and Meg Miller) is more efficient than open fire cooking.





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Pit toilet units at Chikamveka school, Zomba, Malawi. Only 12 toilets serve 3000+ students & 59 faculty.

STD 5-8

GIRLS

TOILEIS

Toilets at Thundu school.



Toilets at Chalomwe school.



2013 Sino-African Initiative PROJECTS

1. Reduce landfilled garbage by diverting organics to compost.

2. Repair sewage treatment plant to restore lost capacity.

3. Repair broken sewer line at hospital.

4. Combine sewage sludge and organics to compost-forsale business.







Much of Zomba's landfilled waste is organic which could be composted rather than landfilled.



Dump at Guardian Village at Zomba Hospital which has been removed for ablution block.





New trash bins are divided to collect solid waste and organic trash.



New garbage truck arrives in Zomba.



SAI Participants: John Dimit and Sam Smith, USA; Dison Jinga, Zomba CEO; Qiang Zhang and Kairong Lin, China.



Busta Chinola and Chris Stohr present Zomba's project at Sister Cities International meeting.



Busta Chinola (Zomba), Mary Kane (President of Sister Cities International), Kairong Lin (Haizhu), and Chris Stohr (Urbana) at SAI Award Ceremony.