

# Local Improved Wells:

A Cheap, clean water source  
for rural areas

# **Tim Hogan MD/MPH'10**

**Ruvuma Mission to the Poor and Disabled (PADI)**

**Partners: Isaac Msigwa**

**Joseph Mbawala**

Tanzania based NGO focused on income generation, increases in educational opportunities, and health status of rural poor, elderly, and disabled in Songea Municipal

**Funding for project provided by: Run for Africa**

North Carolina based NGO interested in funding small water projects in East Africa

[www.runforafrica.org](http://www.runforafrica.org)

**Preceptor: Dr. Jeffrey Griffiths**

# Purpose of Project

- Maximize funding to reduce the disease burden of residents of Songea Municipal as much as possible by providing clean water to Mitaa (village streets) that currently have no access to any clean water sources
- Take picture and video for use in future fund raising and education projects
- Establish a future partnership between the NGOs Run for Africa and PADI

# Individual Role

- Facilitated communication between PADI and Run for Africa
- Assisted with site surveys
- Assisted with evaluating village site preparation
- Recorded well locations on a topographical map of Songea Municipal
- Advised on possible modifications to technology
- Increased awareness of project in Songea area

# Methods

- Project took place between late June and early August of 2007
- 13 local improved wells were built across four villages and one primary school (Chandarua primary school)
- One borehole was built at Mdandamo High School
- Sites were selected based on population of area and site preparedness
- Each well was paid for 50/50 Run for Africa / Community in kind contribution. Borehole was paid for by RfA shed for pump built by Mdandamo High School
- Total population served: 1600+ which will increase in the next three years to 2000+ as Mdandamo High School fills

# Current Status of Project

- Organization of fund raising resources and accounting records for Run for Africa
- Continued communication with both PADI and Run for Africa
- Work out current difficulties with money transfer from USA to Tanzania
- In December, PADI and RfA will begin planning another round of construction and PADI will begin communicating with selected villages in March/April