To Mend a Broken World

NPYM Virtual Gathering

David H. Albert – Board Chair

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Our Mission

*Friendly Water for the World’s* mission is to expand global access to low-cost clean water technologies and information about health and sanitation through knowledge-sharing, training, applied research, community-building, peacemaking, and efforts at sustainability.
Who Is Friendly Water For The World?

- We are experts in village-scale technologies
- We build knowledge and resilience
- We activate community engagement
- We embrace the dignity, strengths, and rights of all living beings
- We stand with the most vulnerable
We work with the most marginalized, disadvantaged, and dispossessed

- Widows
- People with HIV
- Former Child Soldiers
- Tribal communities and Dalits
- People with Albinism
- Survivors of wartime rape and sexual violence
- Orphans and survivors of genocide
- Unemployed youth
- Refugees
- Differently abled people
Three Objectives:

• **Through knowledge-sharing and training**, make it possible for communities to ensure their own safe drinking water supply.

• **Build community self-sufficiency** through setting up small businesses and cooperatives related to water, sanitation, and hygiene (BioSand Filters, rainwater catchment systems, MicroFlush toilets, non-fired soil-stabilized bricks, soapmaking, rocket stoves, PermaGardens, etc.)

• “**Effective Altruism**” – that small amounts of money, intelligently applied, can make really massive changes in people’s lives. Heavy emphasis on evaluation and cost-effectiveness.
Friendly Water Resilience Platform - Seven Technologies

We look for technologies and approaches that are proven, affordable, utilize local materials and resources, are easily teachable, and can be replicated, so that what we do in one community together can be readily spread to others.

- BioSand Water Filters
- Rainwater Catchments/Ferro-Cement Tanks
- Interlocking Stabilized-Soil Bricks
- MicroFlush Toilets
- Liquid Non-Palm Oil Soap
- Rocket Stoves
- Permagardens
MANDELY WATER FOR THE WORLD
* HOPE SOAP LIQUID PROJECT.
* HOPE TOMORROW GROUP.
Past Projects with Quakers (partial)

• CPGRBC – With rape survivors and communities in eastern Congo-DRC
• African Great Lakes Initiative – Project with war/genocide survivors in central Burundi
• Training at Quaker Center in Rasulia, in central India
• Hand in Hand for Development, Rwanda (with Klamath Falls Friends Church)
• Kenya – Multiple programs with groups from Kenya Friends Churches
Featured Project – Monze, Zambia

A joint project of:

- *Friendly Water for the World*
- Friends of Monze – A Welsh Quaker Organization
- Zambia Women and Girls Foundation (ZWaGF)
An Asset-Based Approach

Communities may be poor and lacking in material resources, but, universally in our experience, they are rich in intelligence, resilience, pent-up initiative, drive, labor, generosity, compassion, and caring, all ready to be harnessed.
Our Process

• Identify partners
• Community survey/Epidemiological Survey
• Community engagement/agreement about participants
• Training in technologies
• Supervised application of technologies
• Appointment of Friendly Coach for reporting/trouble shooting
• Training completion report
• Reports at 90 days, and later
• Add additional technologies
• Replicate process
Conditions in Monze, Zambi

- Repeated cycles of drought and flood, impacted by climate change
- Famines – Malnutrition 35% (nationally), and starvation deaths
- Wells run dry
- Little employment aside from subsistence agriculture
- Few schools
- Almost no infrastructure outside city limits – roads, communication, etc.
- Lack of sanitation
- High rates of waterborne illness
- HIV common (data is not reliable)
Parasitic Stress

In addition to malnutrition/starvation:

• Between ages 1-5, body spends so much energy fighting off waterborne parasites, little is available for physical and, especially, brain development
• Result is permanent cognitive impairment. (School won’t help!)
• 35-40% of children are stunted
**Future Quaker-Related Projects**

- Simwatachela, Zambia – Extension of Monze Project, with current partners turned into trainers, in an area of extreme poverty
- Binga, Zimbabwe – With AFSC. Health and employment-related work in area impacted in the past by heavy flooding, then drought
- Guatemala – Under development, with Eugene Friends
- Wardha, India – Project with Nalanda Academy, which provides pre-college education for gift Dalit (‘untouchable’) youth from all over India. Water-related infrastructure for local villages, and new campus, training of *Friendly Water* teams. 4-5 year project.
A Shameless Appeal for Money

“Our gracious Creator cares and provides for all his creatures. His tender mercies are over all his works, and so far as his love influences our minds, so far as we become interested in his workmanship and feel a desire to take hold of every opportunity to lessen the distresses of the afflicted and increase the happiness of the creation. Here we have a prospect of one common interest from which our own is inseparable – that you turn all the treasures we possess into the channel of universal love becomes the business of our lives.”

- John Woolman
Join Us!

Our Story – Your Story – is a Story of Hope

We are Friendly Water for the World

www.friendlywater.org