MUJILA FALLS
AGRICULTURE CENTRE

TEN YEARS ON
2000-2011
Commissioned by the General Board of Global Ministries in 1992
Serving as Licensed Local Pastor in Wisconsin during illness of Wife.
Returning to Zambia to Complete commitment to people there in 2005.
Ordained as a Full Elder by Bishop Katembo Kainda in 2006.
Our’s is a Holistic Mission

- Spiritual
- God Centered
- Social
- Economic
The Empowerment of African People is our Goal.

- Basic, Activities Based Education in Productive Skills.
- Emphasis on Integrity and Christian Values.
- Emphasis on Professionalism.
- Opportunities for Advancement.
- Identification of God’s Gifts in Individuals.
- Continuing Support in Skills Development.
Our project avoids handouts that corrupt and handicap individuals. Rather, we look for ways that people can advance through their own initiative and God given talents. We subscribe to the saying:

“Give a man a fish and he will eat for a day; teach a man to fish and he will eat for a lifetime.”
An Example of how the Holy Spirit can work through a missionary couple to Change Lives.

In 1996, Tshala Mwengo was just a village boy in D.R. Congo with a desire to learn about agriculture. Through your gifts, Roxanne and I empowered him to his full potential.

Today, Tshala Mwengo has a B.S. degree in Agriculture from Africa University and has just been commissioned a full missionary by the General Board of Global Ministries. He is my colleague and co-director at Mujila Falls.
At Mujila Falls We Teach:

- Appropriate Technology Methods.
- Low-input Agriculture.
- Integrated Agriculture.
- Diversified and Niche Agriculture.
- Cost/Benefit Analysis.
- Processing and Marketing of Agricultural Products.
- Nutrition, Sanitation and Health.
- Christian Living and How God Wants People to Live Abundantly.
“Where there are no oxen, the manger is empty, but from the strength of an ox comes an abundant harvest.”  Proverbs 14:4
We train Drivers and not just Oxen

• After our trainings, drivers can manufacture their own yokes and equipment.
• They can train and care for their own oxen.
• They can pass this knowledge on to others.
• Sustainability and appropriateness to the culture and economy are foremost.
Donkeys were not known in this area previously.

With the help of a VIM Team from Wisconsin, these donkeys will be trained to carry pack and pull carts to help people who can’t afford motorized transportation. They will now be able to get their crops to market and supplies home quickly and efficiently.
Donkeys are gentle, trusting and easy to train.
DREAM TO REALITY
Crop production is at the heart of our work at Mujila Falls. God provides the soil and rain, we provide the work and skill.
“...a Land Flowing with Milk and Honey.” and much, much, more.

Women’s training in goat milking and goat management. For the first time these women will control the means to daily milk for their children.

Women are encouraged to bring their small children and learn to prepare goats’ milk in a variety of ways. They also learn about balanced nutrition.
Mary was orphaned at birth. An aunt agreed to raise the baby, but had no milk to give her.

We agreed to provide one litre of milk per day for the past two years.

Mary now fits the American Medical Association weight to age statistics for a normal two year old.
Today, Mary is still drinking milk and is making gains.

We have empowered her extended family to care for her.
Honey gathering is traditional; Beekeeping is new in Africa.

This “Kenya” top bar hive is an innovation that will help people to keep bees close to home and in larger numbers. The hive was made on site using wood from our own sawmill. Much wild honey can be harvested from the numerous trees and wild plants in the area. There is great demand for honey in Zambia.
Africa’s vast grasslands are useless without cattle

• God created a species of animal with the ability to change useless grass into priceless milk, meat and power for the nurture of His people.

• Our project teaches people how to make milk and other products from natural grass and what we can grow through the use of oxen.
Silage made from tropical forage introduced at our site keeps cows milking through the six month long dry season.

Improved dairy cows and concentrates make for more productive farmers.

Effective marketing of milk in “bush”.

Cream separator helps add value.
Purchasing local bush cows we have bred them up to a quality milking breed.
These Holstein heifers will prove good milkers.
Chicken Project aims to make Mujila Falls more self-financing

With two layer facilities we have space for up to 2500 hens. We produce and sell up to 2000 eggs per day.

Improved Chickens use locally grown maize to produce high protein eggs, thus improving markets for farmers. Eggs were scarce and expensive in the past.
Eggs create jobs for haulers and sellers.

We have lowered the price of eggs by 30% in the Mwinilunga area and increased consumption of high protein, easily digested eggs especially needed by growing children and those suffering from HIV-AIDs.
Pork has a future in Africa

There are far fewer pigs in Africa than on any other continent. Pigs are one of the most efficient animals for converting feed into high protein meat. Pigs can eat garden waste and other undesirable feeds. Pigs can help end hunger and malnutrition in Africa.
12 PIGLETs X FIVE TO SIX MONTHs = 1,200 KG. (2,640 LBS) OF LIVE PORK
Simple Appropriate Technology
Shelters make pig rearing profitable.
This bread oven is roughly copied from those I saw in Central America while a Peace Corps Volunteer. The Lunda have no way to make bread at the village level.
High Wheel Cultivator made from used bicycle parts increases productivity by ten fold.
Ox drawn potato digger increases tons harvested
Using Oxen to Build Dam for Irrigation

For less than $50.00 we built a simple dirt scraper that can be pulled by oxen. We were able to build a sizable dam in just two weeks. With water for irrigation farming can take place during the six month long dry season and help farmers increase profits. Fish ponds can be built the same way.
THE DAM IS ALSO THE BEGINNINGS OF A FISH FARMING PROJECT
TREE NURSERY INSURES SUSTAINABLE FORESTRY
PORTABLE BAND SAW INSURES EFFICIENT LUMBER SAWING
Water is a constant struggle in Africa. Appropriate Technologies can help to provide clean, safe, and abundant water.
Everything from ferro-concrete pillars, to slab floors, to improved thatch roofs, to modern truss construction is taught at Mujila Falls.
New Corn Crib will hold only part of harvest.
Mama Roxanne Pre-School gives local children a head-start
Sewing Club gives women skills and incomes
Women’s and Children’s clothing for sale. Personal satisfaction is priceless.
VIM teams bring special skills and gifts from God
Religious and Spiritual Formation are Central to Our Work.
EASTER SUNRISE SERVICE AT MUJILA FALLS
Improved Communications is changing African Mission Work
Satellite Internet Service is expensive, but indispensable

- Gives us Emergency Communications
- Connects us with our GBGM Administrators.
- E-Mail puts partner churches on the front line of our work at Mujila Falls.
- A Web Page keeps everyone informed.
- Helps us to contact suppliers, technical assistance and to research project needs.
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“When the grass is gone, and new growth appears, and the herbage of the mountains is gathered, The lambs will provide your clothing, and the goats the price of a field;

There will be enough goats’ milk for your food, for the food of our household and nourishment for your servant girls.

Proverbs 27:25-27
THANKS FOR ALL THAT YOU HAVE DONE TO TAKE THE “GOOD NEWS” TO THE PEOPLE OF MUJILA FALLS
CONTINUING IN FAITH

YOUR MISSIONARY THROUGH
THE GENERAL BOARD OF GLOBAL MINISTRIES
OF THE UNITED METHODIST CHURCH

REV. PAUL L. WEBSTER