

KISKEYA AQUA FERME TILAPIA AQUACULTURE SHORT COURS



**MAY 14 TO MAY 23, 2012
PETITE-RIVIERE, LEOGANE (HAITI)**

Aquaculture, the farming of aquatic species, is the world fastest growing food sector. Aquaculture is also called the “blue revolution” because it has demonstrated its ability to decrease malnutrition, reduce poverty, generate wealth and contribute to economic growth in many countries. Tilapia is the most farmed aquaculture product and its world production has gone from 830,000 tones in 1990 to 1.6 million tones in 1999 and 3.5 million tones in 2008. The

overwhelming success of tilapia farming is because the fish is very hardy, prolific, fast growing, disease resistant and does not require extensive knowledge to breed and grow.

Kiskeya Aqua Ferme, an integrated aquaculture farm in Petite-Rivière in Leogane is proud to offer the first Tilapia Aquaculture Short Course in an attempt to bring the “blue revolution” to Haiti. This intensive course is designed to give a thorough coverage of the design, operation, and management of pond, tank and cage culture of tilapia. The didactic portion of the course will take place at Kiskeya Aqua Ferme in Petite-Rivière, Leogane and practicum will take at Kiskeya Aqua Ferme and Caribbean Harvest, the most modern tilapia facility in the Caribbean. Representatives of non-profit organizations, community organizations, churches, schools are encouraged to apply as well as individuals interested in tilapia farming as a business. At the end of the aquaculture short course, the participants will receive a certificate of completion and would have acquired the necessary knowledge to implement sustainable tilapia farming projects to reduce poverty and generate wealth.

Instructors

Abe Valentin

A Native of the Ivory Coast and a Fulbright Scholar, Dr. Abe earned his PhD in Aquaculture from Auburn University. He worked as a Post Graduate Research Fellow at the International Center for Aquaculture from 1995 to 1997. Relocating to Haiti in 1997, he spent more than 10 years developing large scale aquaculture programs in the country. He started Caribbean Harvest in 2005 and is now globally recognized as one of the most effective leaders making a difference in Haiti. He has been chosen as one of Time Magazine's 100 Most Influential People in the World in 2010. In 2011, He was recognized as Digicel Entrepreneur of the Year.

William Mebane

William Mebane is superintendent of aquaculture engineering at the Marine Biological Laboratories' Marine Resources Center, and directs the Sustainable Aquaculture Initiative in Haiti. He has traveled extensively to Haiti to promote aquaculture, test alternative tilapia nutrition and as consultant to many aquaculture projects. One of his most recent projects is a school-based Aquaculture Learning Center at the Henry Christophe High School in Marigot.

Arielle Adrien

As a medical doctor who is passionate about a sustainable Haiti, Dr. Adrien routinely delivers medical care in rural Leogane. Concerned about Haiti's food insecurity, and knowing that tilapia farming can bring significant change, she took an aquaculture short course at the University of Virgin Islands and subsequently created Kiskeya Aqua Ferme, an integrated tilapia farm in Leogane as an effective model to address Haiti's food sovereignty, create jobs in rural Haiti, reduce rural migration and engage the Haitian Diaspora in partnering with local communities for economic development.

Mike Picchietti

As Aquaculture Director for Operation Blessing International, in Port-au-Prince which has established a tilapia hatchery in Santo, Haiti,

Mike has 30 years of commercial tilapia experience in USA, Brazil, India, Mexico, Indonesia and Honduras. He is the Retired President and co-founder of Regal Springs Tilapia, the largest privately owned tilapia farm in the world with 50,000 MT per year production and owner of Aquasafra Inc., the largest commercial tilapia hatchery in the USA. His technical background spans from super intensive operating systems (RAC) to low density ponds and large commercial cage farms.

The tilapia aquaculture short course curriculum will address:

- Introduction to Aquaculture
- The Biology of the Fish
- Water Properties (Water Quality)
- Fish Health and diseases
- Hatchery Operation
- Feeding and Nutrition
- Facility design and system planning Aquaculture
- Handling and transporting live fish
- Fish Harvesting Techniques
- Handling and transporting live fish
- Food Safety Issues and Control
- Facility Cleaning and Monitoring
- Developing Standard Operating
- Tours of local aquaculture operations

Course coordinator:

Arielle Adrien, M.D. Founder of Kiskeya Aqua Ferme, adrienmd2000@yahoo.com Tel: 857-234-1679

John Walter Charite Pele, kiskeyaferme@yahoo.com 011 (509) 3611-3619

Valder B. Labady, Farm manager, 011 (509) 3659-0325/3622-9127

The course fee is \$400 U.S. or 16,000 gourdes. For enrollment application, please contact us at kiskeyaferme@yahoo.com. Course is limited to 20 participants.

Lodging:

Out of area participants can lodge at Kiskeya Guest House that is located on the farm or at other lodging facilities to be arranged upon request.