Sustainable Aquaponic Systems produces netzero in water, energy, and material urban aquaponic systems to end hunger and provide employment in the inner cities of America. We have researched all the commercial-scale systems available and are improving upon them by using rainwater, photovoltaics, solar water heating, algal meal as the fish feed, etc. to reduce capital and operating costs so these systems are financially, environmentally, and socially sustainable. We have partnered with Rising Above Poverty Farms to serve as a training program to employ veterans to operate the aquaponics systems.