



SUSTAINABLE  
HARVEST  
INTERNATIONAL





# DEMETRIO MARTINEZ JR.

Membrillo, Panama

Growing up, Demetrio saw his family burn more forest every year to grow crops, but still not have enough food or money for other basics like education.

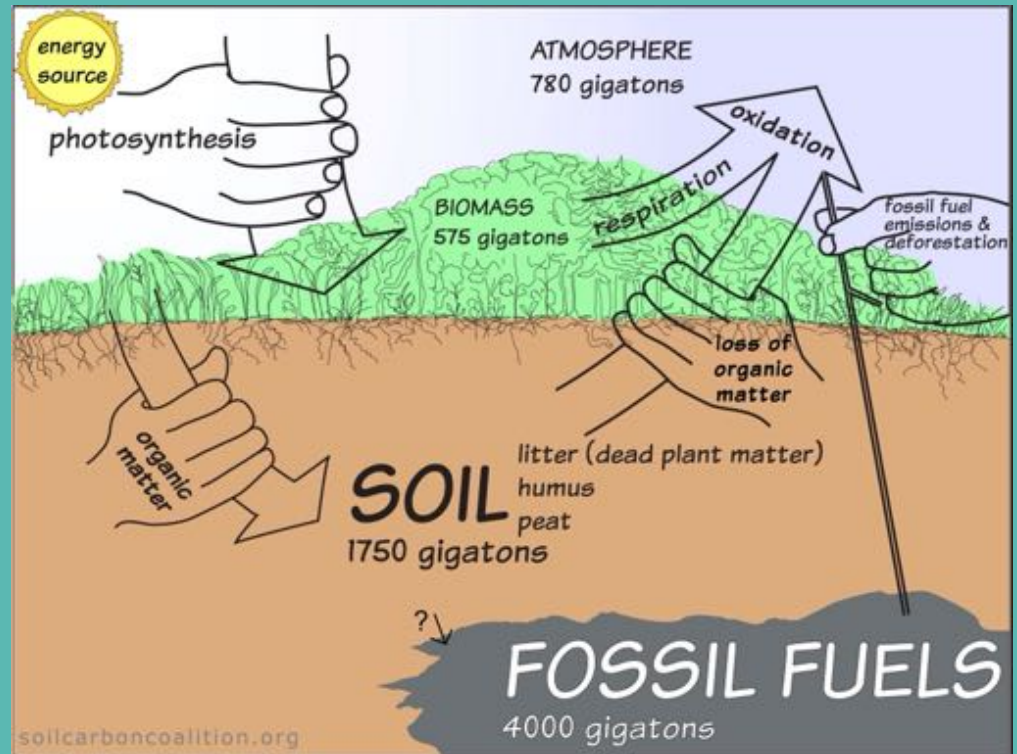




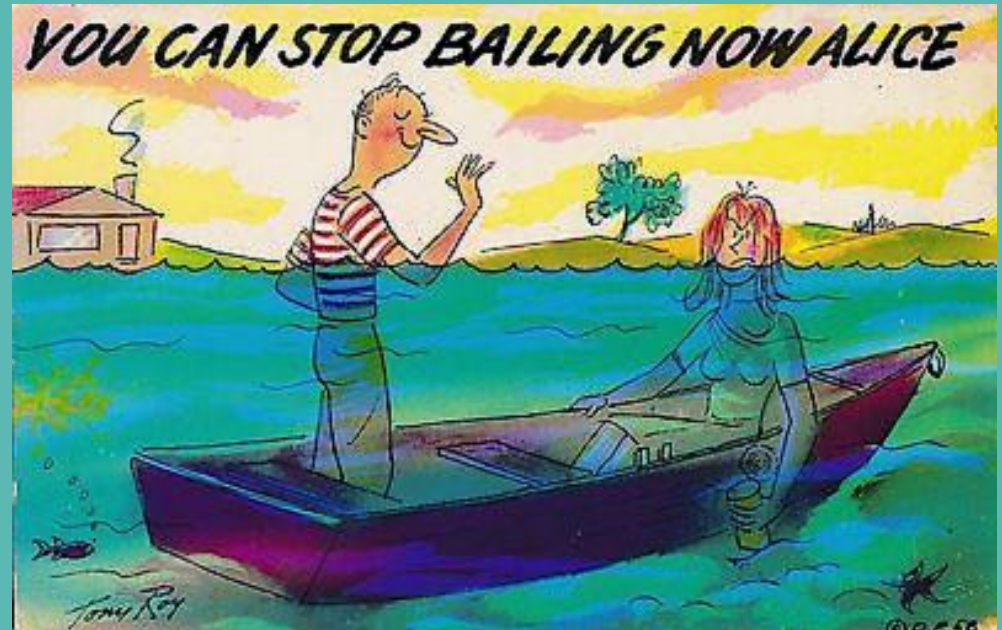
Most smallholder farmers embrace the opportunity to restore their lands and make them productive again with ecological practices. Before getting the technical assistance to make that transformation possible, Demetrio worked on a conventional rice plantation where his coworkers got sick and died. Agrochemicals and other conventional practices kill people, degrade the land, decrease biodiversity and increase greenhouse gas emissions.



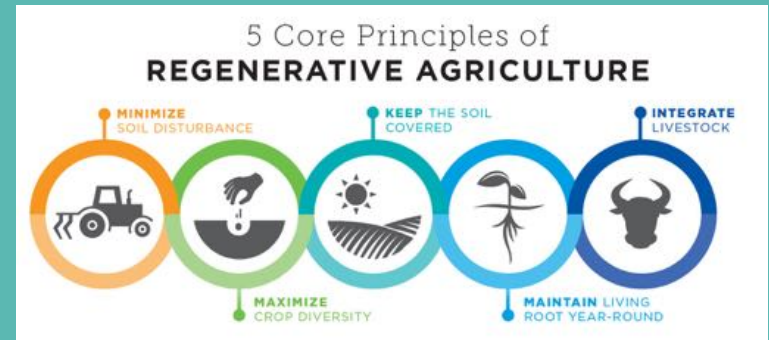
Smallholder farmers like Demetrio can improve life for their families and the rest of us by shifting to regenerative agroecology that draws down CO<sub>2</sub> out of the atmosphere instead of putting it into the atmosphere.



We need to plug the leak of greenhouse gas emissions into our atmosphere, but it's equally important to bail a lot of CO<sub>2</sub> out of the atmosphere and put it back into soil and vegetation.



Sustainable Harvest International provides the technical assistance for smallholders to successfully adopt regenerative agriculture practices and contribute to the goal of increasing soil carbon by 4 parts per 1,000.



# ORGANIC IN DEVELOPING COUNTRIES

In developed countries, organic systems produce 92% of the yield produced by conventional agriculture.

In developing countries, however, organic systems produce 80% more than conventional farms and could increase food security.

Source: "Organic Agriculture and the Global Food Supply," Ivette Perfecto, et. al., University of Michigan, Renewable Agriculture and Food Systems, July 2007







Families like Demetrio's have much to gain and little to lose in the transition to regenerative agriculture.



Weekly technical assistance visits allow smallholders to slowly build on their existing knowledge, adding new practices and crops that best serve the families' needs while best utilizing and regenerating the local environment.



As soil health improves with organic matter / carbon, so does plant health and crop productivity.



2011



2012



2013





Over five years, a farm like Demetrio's can be restored from degraded to abundant land leaving farmers confident in their continued future success.



2008



2013





# 3,000 FAMILIES

HAVE PARTNERED  
WITH US TO DATE  
AND EACH OF THOSE FAMILIES  
**SHARES THEIR KNOWLEDGE**  
AND SKILLS WITH MANY MORE!



# 4 MILLION TREES

have been planted by participants,  
**RESTORING 16,000 ACRES**  
of forest devastated by slash-and-burn

That's about the same land area as

**14,560 FOOTBALL FIELDS !**





# AGRICULTURAL INCOME INCREASES

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MEDICINE ·  
HEALTHCARE



SCHOOL SUPPLIES ·  
HIGHER EDUCATION



SMALL BUSINESS





There are 500 million smallholder farms in the world - ready to shift to regenerative agriculture!

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# SCALING UP VISION

Through regenerative agriculture, Sustainable Harvest International will work directly with farmers, and with partners who will replicate our model, to halt and reverse the degradation of eight million acres and achieve food security for five million people on one million farms by 2030.



## Won't You Join Us?

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**THANK YOU!**

