Atmospheric Freshwater Production & Thermal Energy Agriculture (TEA) Technology Company
Climate change and rising sea levels for many island countries requires alternative mitigation solutions to secure clean water and food for their communities.
DewPoint Systems technology is based on capturing the potential of high dew-point temperatures in tropical climates. The Annual Average Percent Humidity for Honolulu, Hawaii is presented below.
DewPoint Systems Solutions

Freshwater Generation system

- RainDome™

Thermal Energy Agriculture (TEA) systems

- DewPonics®
- SuperSpringAG™
- ColdAG™
RainDome™

- RainDome™ is a patented modular scalable water generation device that uses renewable clean thermal energy to produce irrigation and potable water from atmospheric moisture.
Thermal Energy Agriculture
Benefits & Opportunity

✓ Uses CLEAN RENEWABLE Thermal Energy
✓ Opens NEW secure food and water opportunities
✓ CLIMATE CHANGE Resilient
✓ RELIABLE OPERATION, Ideal for Remote Applications
✓ Can take advantage of land without water!!!
DewPoint Systems Directives

• Develop partnership(s) with renewable energy companies that want to diversify their applications.
• Demonstrate a commercial scale 1-3 acre working model at NELHA using renewable energy.
• Use the model site at NELHA as a Training Facility.
In 2001 one m$^3$ of Republic of the Marshall Islands soil was placed into a TEA system at NELHA. RMI President Kessei Note and his government cabinet visited his homeland soil at NELHA growing gourds, radishes, lettuces, onions, broccoli and corn.

(Pictured Dr. Craven, Dr. J. Davidson, RMI Pres. K. Note, Mrs. Anne Bailey & RMI Cabinet)
Projects  NELHA DewPonics R&D

• Grow temperate crops in tropical climates
• Modular design with Uniform soil temperature
• Requires NO freshwater source
• Can be remotely operated
• Uses many renewable clean energy sources
• Can recycle soil to increase pest management
Projects  NELHA Grapevine Demonstration

- They have been growing using only seawater since 1997!!!!
- They can grow were there is NO freshwater and lots of sun!!!!
- They can produce 3 crops per year (since 1999)!!!!
- They can be turned on to grow and turned off to ripen!!!!
- They can grow where there is NO winter cold temperatures!!!!
- They can be in staggered growth stages for year round production
Team Experience/Background:

- Founder has more than 20 years of Pioneering Thermal Energy Agriculture (TEA) systems at NELHA-Hawaii.

- Technical advisor team has over 150 years of combined experience with ocean thermal, petroleum energy and aquaculture production industries.

- Founder is dedicated with an excellent background in mechanical and biological systems and lives in Kailua-Kona, HI.
“We are RIPE for Development and we can satisfy your thirst”

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Harvesting the Sky – Drop by Drop