



Remembering the Future - Contributions from the Indigenous

BEYOND SUSTAINABILITY

KEY DISCUSSION POINTS

- ❖ The Sustainability Challenge
- ❖ The Case for Inclusion
- ❖ Contributions of The Indigenous
- ❖ Lessons from the *Ahupua'a*

THE SUSTAINABILITY CHALLENGE

- ❖ History of the Movement
- ❖ Current Models
 - ▶ *Do No More Harm*
- ❖ Future Model
 - ▶ *Earth as the Host Culture*

THE CASE FOR INCLUSION (VAN JONES, 2008)

❖ Eco-apocalypse

- ▶ Industrialization and Capitalism taken to a suicidal extreme

❖ Eco-apartheid

- ▶ Ecological haves and have-nots

❖ Eco-equity

- ▶ ***“If only the eco-elite participate, the environmental movement will fail”***

INDIGENOUS CONTRIBUTIONS

- ❖ Relationship with and understanding of the natural world
- ❖ Systems thinking and the application of system models
- ❖ Social mores and governance systems based on ***a value of honor and a deep understanding of the natural world***
- ❖ It Takes a Village



A System of Systems (Kawa'a)
LESSONS FROM THE AHUPUA'A



Juxtaposition of History and Place

KUAMO'O: OVERTHROW OF THE KAPU



Elemental Forms Inform
THE CONCEPT OF WORLDVIEW

Papakū Makawalu

Papakū Makawalu is a bridge connecting all things Hawaiian whether they are concepts, words, occupations, the natural world, the spiritual world or the human world. Papakū is the foundation or basis for all things and Makawalu is the natural growth out from that foundation. Papakū Makawalu is an attempt to connect the pieces and present a whole image of the Hawaiian worldview.

PAPAHULILANI

THE STUDY OF THE HEAVENS

- Astronomy, climatology, atmospheric studies, meteorology, hydrometeorology, etc.
- Anything affecting the skies from a Hawaiian perspective and understanding.



PAPAHULIHONUA

THE STUDY OF THE EARTH

- Earth Sciences: Geology, hydrology, oceanography, vulconology, benthic & aquatic studies, etc.
- Anything affecting the earth from a Hawaiian perspective and understanding.



PAPAHĀNAUMOKU

THE STUDY OF EVERY LIVING BEING

- Biology, botony, zoology, ecology, genealogy, sociology, anthropology, etc.
- Gives birth and is the process of procreation and regeneration. Birthing is inclusive of all flora, fauna, creatures of the ocean and land.
- Any living creature and its relationship with humans and the Earth from a Hawaiian perspective and understanding.





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BHC Keauhou

Kahaluʻu Bay Aerial View Looking South:
Hapaialii and Keʻeʻeku Restoration

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July 2005

One Pōhaku At A Time

REBUILDING COMMUNITY



February 2009



KUPUNATEACH



The Kohala Center and Kahalu'u Bay

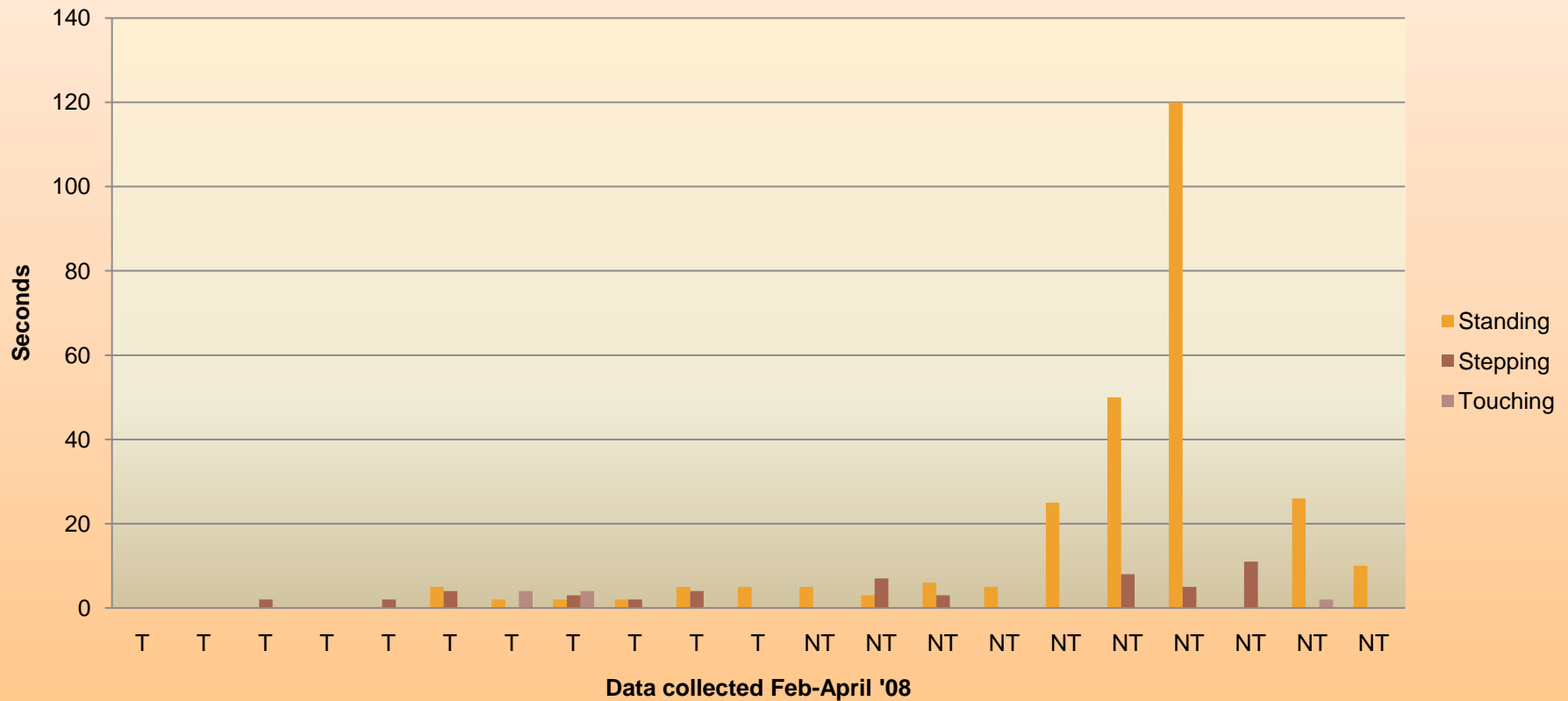
BUILDING COMMUNITY THROUGH CITIZEN SCIENCE

CITIZEN SCIENTISTS



REEFTEACH RESULTS

In-water data: Time contacting coral for visitors Reef taught (T) vs not taught (NT) at Kahalu'u Bay





A Culture of Leadership Built on a Platform of Reverence

SACRED LANDS, SACRED SCIENCE



KULEANA...

....It's Our Watch