US ERA ARCHIVE DOCUMENT

HAWAII & CLIMATE CHANGE

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Air Quality - Hawaii

- Current conditions
 - Attainment statewide
 - VOG
 - Local issues
- Climate change effects
 - Uncertain re: AQ
 - Heat & drought; fire danger
 - Warmer ocean; more, stronger storms
 - Fewer clouds

OTHER EFFECTS

Beaches, what beaches? SEA LEVEL RISE

Drinking, what drinking?

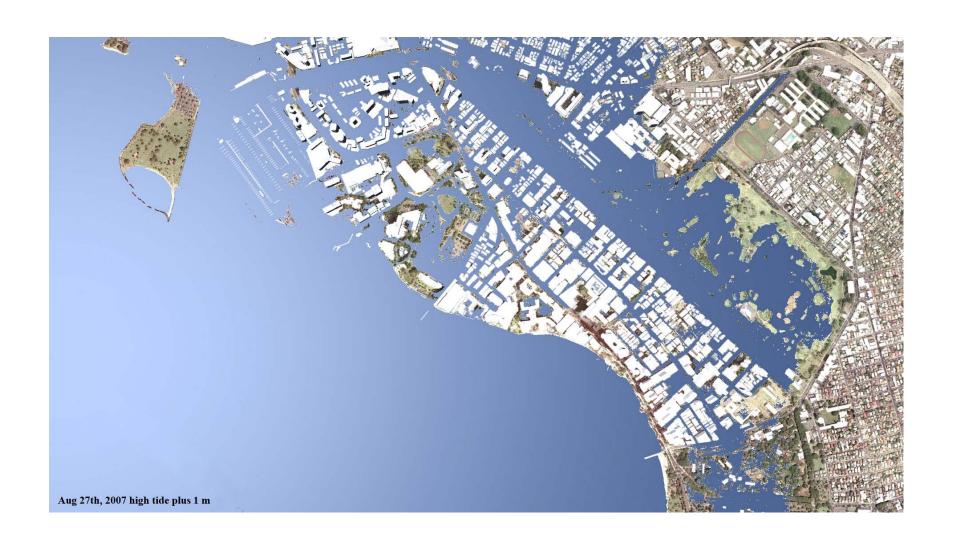
Freshwater AQUIFER SHRINKAGE

Birds, what birds? HABITAT & SPECIES

SEA LEVEL RISE



SEA LEVEL RISE



- Dr. Charles Fletcher, Professor and Chair, Department of Geology and Geophysics, UH-Manoa
- His and other climate change technical presentations at HECO IRP-4 Advisory Group Information web page, 6-8-07 session. Start at www.heco.com

THE PUBLIC

- Knowing
 - Accept/reject warming?
 - -Foot prints personal role?
 - What to do/ Options?
- Doing it
- Inevitability
 - -other countries' conduct
 - -adaptation

HAWAII'S ACTIONS **ACT 234**, 2007

- Target: 1990 GHG levels by 2020
- Redo 1990 emissions inventory by 12-1-08
- Task Force: work plan & regulatory scheme by 12-1-09
 - \$500K/yr x 2 for inventory & task force, DBEDT
- DOH rules by 12-31-11 (No FTE/\$ added)
- http://www.capitol.hawaii.gov/session2007/bills/ GM1005_.PDF

The Climate Registry

- Hawaii a founding member, 2007
- 39 states, DC, 3 tribes, 2 Can Pr, 1 Mex St
- Standardize actg & rptg, comprehensive, single, accurate, transparent
- Policy neutral
- Start accepting reports in 2008
- http://www.theclimateregistry.org/

Hawaii's Energy Actions

- Hawaii energy law & policy
 - 20% renewable by 2020
 http://www.hawaii.gov/dbedt/info/energy/policy/
- Governor's biofuels summit 2006
 http://www.hawaii.gov/dbedt/info/energy/renemble/biomass
- Hawaii 2050 Sustainability http://www.hawaii2050.org/

COLLABORATION

- Western Climate Initiative HI watching
 - HI GHG Task Force just starting
- Other organizations
 - EPA: DOH has CAA delegation
 - EPA: Clean Energy-Environment State Partnership Program
 - Western Regional Air Partnership http://www.wrapair.org/
 - National Association of Clean Air Agencies http://www.4cleanair.org/
 - ECOS Climate & Energy Subcommittee http://www.ecos.org/
 - ASTHO, State Environmental Health Directors <u>http://www.astho.org/</u>

SHARE DATA

- Exchange Network 50 States
 - NEI, AQS data flows now from some
 - http://www.exchangenetwork.net/
 - Mitch.west@exchangenetwork.net
- The Climate Registry Exchange Network
- Exchange Network other GHG & Air work
- Programs, IT, States, Regions, need to talk
- We have an opportunity to miss an opportunity

FURTHER WORK

HUMAN FACTOR:
 CHANGING BEHAVIOR