COASTAL DATA EXCHANGE

CULTURAL RESOURCES DATA

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Data Supply Discussion

- How data were developed
- Strengths and weaknesses
  Confidence interval (accuracy versus uncertainty). How do you treat data uncertainty?
- Planners use my data for...
- Planners could also use my data for...
- Differences in how counties/ agencies have used it
- Other ways they could use it
- Ways my data should not be used
- How to access my data
- The future of my dataset
  (e.g. this is the data you could use for x projection, what my data will look like in 10 years)
About the Dataset

- Approximately 23,000+ unique geometries
- Covers known eligible and not eligible cultural resources, survey areas, and preservation areas
- Cultural resources include: archaeology, architecture, landscapes, traditional cultural properties, and ethnographic sites.
- Should be historic (50+ years) and significant (eligible for State and National Registers)
Data Development

- Legacy GIS Data
- Legacy Paper Data
- Review and Compliance Data
- Proactive Survey & Inventory
Data Development

Estimated Quantities of Legacy Paper Data:
• 39,000-47,000 site folders and forms
• 15,624 reports
• 800-950 large format maps
• 40 misc. books with periodic information
• 3.5 liner feet of 8.5”x11” maps
Data Development

- Legacy GIS Data
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Strengths

- Identify potential effects to cultural resources over broad areas
- Can be combined with other datasets for planning and response
- New GIS standards facilitate linking to external datasets
- Data for not eligible resources as important as eligible resources
Weaknesses

- Legacy data has unknown accuracy
- Geometry not always representative of resource type (e.g. some points should be polygons)
- Survey areas and preservation areas are not well represented
- No data where no one has looked
Planners use my data for

- County Plans
- General Plans
- Conservation District Use Permits
- Setbacks
- Shoreline Certification
- Shoreline Permits
- Building Permits
- Special Management Area Permits
- Flood Zones
Ways my data should not be used

• Section 304 of the National Historic Preservation Act [16 U.S.C. 470w-3(a)]

“...shall withhold from disclosure to the public, information about the location, character, or ownership of a historic resource if the Secretary and the agency determine that disclosure may –
  – (1) cause a significant invasion of privacy
  – (2) risk harm to the historic resources; or
  – (3) impede the use of a traditional religious site by practitioners”
Ways my data should not be used

- Public Disclosure
- Replace the review process
- Assumed to be comprehensive
- Definitively indicate effect
- Definitively indicate absence
How to access my data

- Email: nicholas.r.belluzzo@hawaii.gov for redacted dataset
- In any SHPD office (soon)
- Online/Server?
The future of my dataset

• It will grow regularly
• Data accuracy will increase
• Increased focus on maritime and coastal resources
• Increased focus on survey and preservation area boundaries
• Improved/automated distribution
• Links to external datasets still under development
Mahalo!

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