

COASTAL DATA EXCHANGE

**CITY/COUNTY OF HONOLULU
GEOSPATIAL DATA**



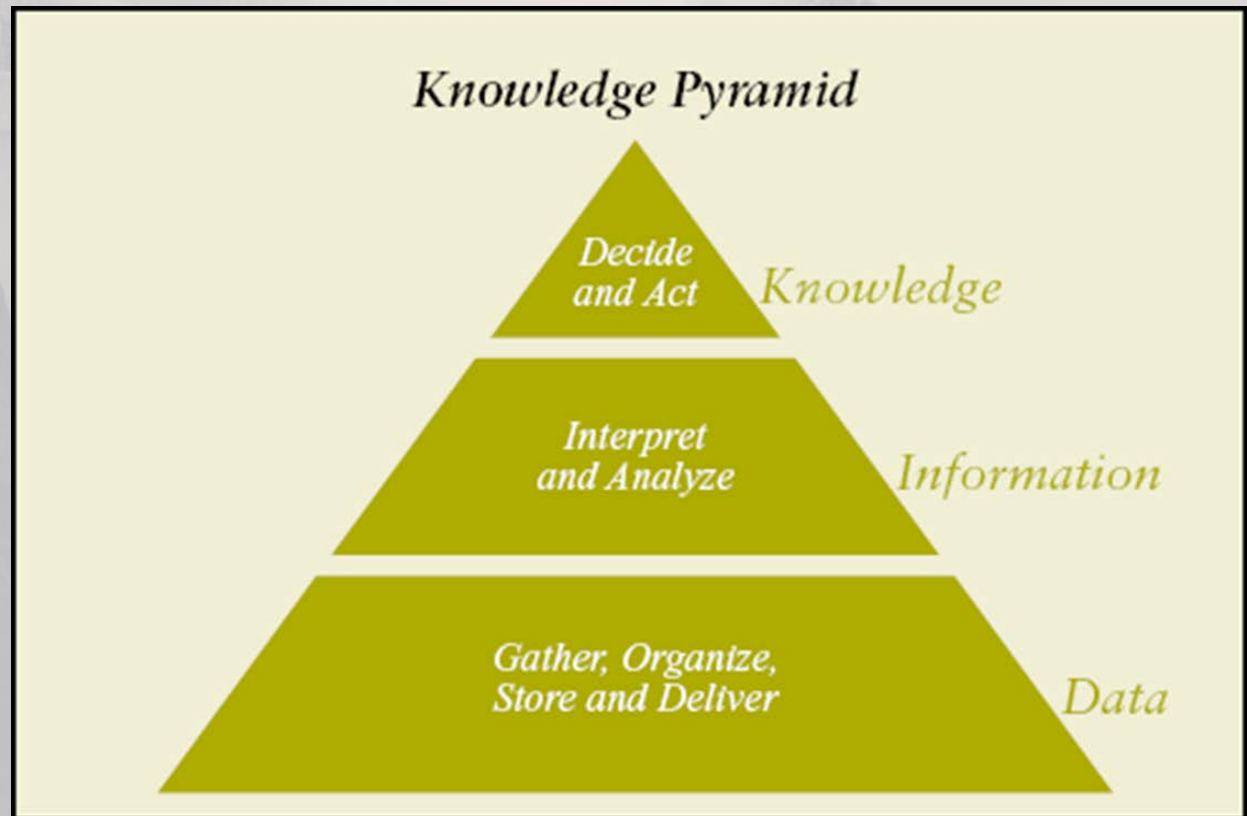
Ken Schmidt, Administrator
Honolulu Land Information System (HoLIS)
Department of Planning and Permitting

Mantra

Information is a Critical Asset

- Passion
- Patience
- Persistence
- Communicate
- Coordinate
- Cooperate

I don't know the key to success, but the key to failure is trying to please everybody." - Bill Cosby



How we are configured

- Focus on Land Information System (LIS)
- Multi-Departmental Configuration
- Centralized and Enterprise Warehouse
- Data Democratization
- Data feedback opportunities
- Evolution of IT support.



Primary Concepts

- Operational Based Program.
 - High Transaction Volumes
 - 24 x 7 Operations
 - Core Services
 - Integrated data sharing (numerous ETLs)
- Information Products
 - A defined methodology for determining requirements
 - Determination of content, purpose, and value
- Storyboard Maps.
 - More than overlay analysis.
 - Multiple maps, graphics, and reports.
 - Illustrations and Maps present issues, ideas, and recommendations.



Data Interactions

- Web Services
 - Apps and Maps
 - Data
 - @HNL_GIS
- Web Editing
- Open Data API

[View Tutorial](#) (written by Royce Jones, ESRI)

Category	Name	Web Map	Map Service/Feature Set/Geocoding Service
1	Administrative	Polling Places and Election Precincts	View web map X
2	Administrative	Realer Neighborhoods	View web map X
3	Administrative	Honolulu City Council Districts	View web map X
4	Administrative	Neighborhood Board Subdistrict	View web map X
5	Basemap	CCH Basemap	View web map X
6	Cadastral	Federal, State and City Owned Land	View web map X
7	Cadastral	City & County Owned Land	View web map X
8	Cadastral	City & County Leased Land	View web map X
9	Cadastral	State Owned Land	View web map X
10	Cadastral	State Leased Land	View web map X
11	Cadastral	Federal Owned Land	View web map X
12	Cadastral	Federal Leased Land	View web map X
13	Cadastral	Easements	View web map X
14	Cadastral	Na Ala Hele Trails	View web map X
15	Cadastral	Shoreline Access Points	View web map X
16	Cadastral	Parks	View web map X
17	Cadastral	(Tree) Parcels	View web map X
18	Geocoding Service	Composite_Zipcodes/Optional	View web map X
19	Facilities	Parking Facilities	View web map X
20	Facilities	Electric Vehicle Charging Stations	View web map X
21	Facilities	Parks By Activity	View web map X
22	Physical	Soil Types	View web map X
23	Physical	Tree Canopy - Existing	View web map X
24	Physical	Tree Canopy - Possible	View web map X
25	Physical	Tree Canopy - Impervious Surfaces	View web map X
26	Physical	Tree Canopy - Land Cover	View web map X
27	Public Safety	Public Safety	View web map X
28	Public Safety	Deterioration Location	View web map X
29	Public Safety	Emergency Shelter	View web map X
30	Public Safety	Fire Stations	View web map X
31	Public Safety	Hospitals	View web map X
32	Public Safety	Lifeguard Towers	View web map X
33	Public Safety	Police Stations	View web map X
34	Public Safety	Tsunami Refuge Centers	View web map X
35	Public Safety	Shelters	View web map X
36	Public Safety	Tsunami Evacuation Zone	View web map X
37	Public Safety	Outdoor Warning Sirens	View web map X
38	Regulatory	Zoning	View web map X
39	Transportation	Bikeways	View web map X
40	Transportation	Park and Ride (TheBus)	View web map X

What is HoLIS?
 The City and County of Honolulu has developed one of the most comprehensive GIS data bases of any municipality of its size. The Honolulu Land Information System (HoLIS) is an enterprise-wide system serving over 13 Honolulu City Departments.
[More about HoLIS >>](#)

Friday, March 14, 2014
NEW: MAPS OF OAHU List of Web Maps & Services
 Posted: Jul 09, 2012
[Open Maps of Oahu](#) | [View Listing of web maps](#) | [Read More >>](#)

[Older News >>](#)
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ALOHA !!
WELCOME TO HONOLULU OPEN GEOSPATIAL DATA WEBSITE
 HONOLULU OPEN GEOSPATIAL DATA is the City and County of Honolulu new GIS data depository website. You will be able to find many of the City and County of Honolulu GIS (Geographic Information System) data to download and use for your maps.
 This site is currently in beta, we will continue to update and add data as we develop this website.

DOWNLOADABLE DATA

Let of Parks (Bikeway)
 Phase 1 of the Let of Parks Bikeway starting at Ala Moana to Ala Wai Promenade to Ala Wai Park to Ala Wai Golf Course ending at Kakaoni
 BY HONOLULU MAY 20, 2014

Proposed Bike Facilities
 Feature Service Proposed Bikeways for the Island of Oahu. Data is from the updated September 2012 Oahu Bike Plan. Proposed Bikeways updates
 BY HONOLULU MAY 20, 2014

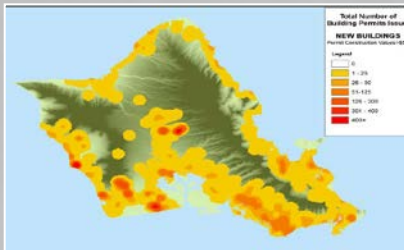
Editing Bike Facilities
 Feature Service Proposed Bikeways for the Island of Oahu. Data is from the updated September 2012 Oahu Bike Plan. Proposed Bikeways updates
 BY HONOLULU MAY 20, 2014

<http://honolulu.cchnl.opendata.arcgis.com/>

Goals

- Provide better services to the community
- Improve the decision making capability of individual personnel
- Identify and pursue quantifiable ROI in using the technology.

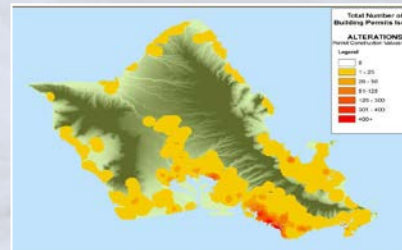
Density analysis of building permits issued and construction values, 2004 to 2008



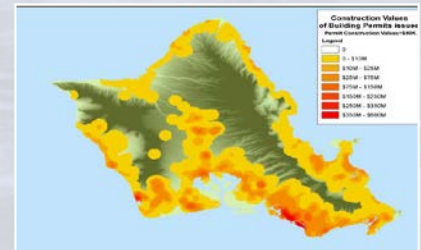
New Buildings



Additions



Alterations



Construction Value

