COASTAL DATA EXCHANGE

CITY/COUNTY OF HONOLULU GEOSPATIAL DATA
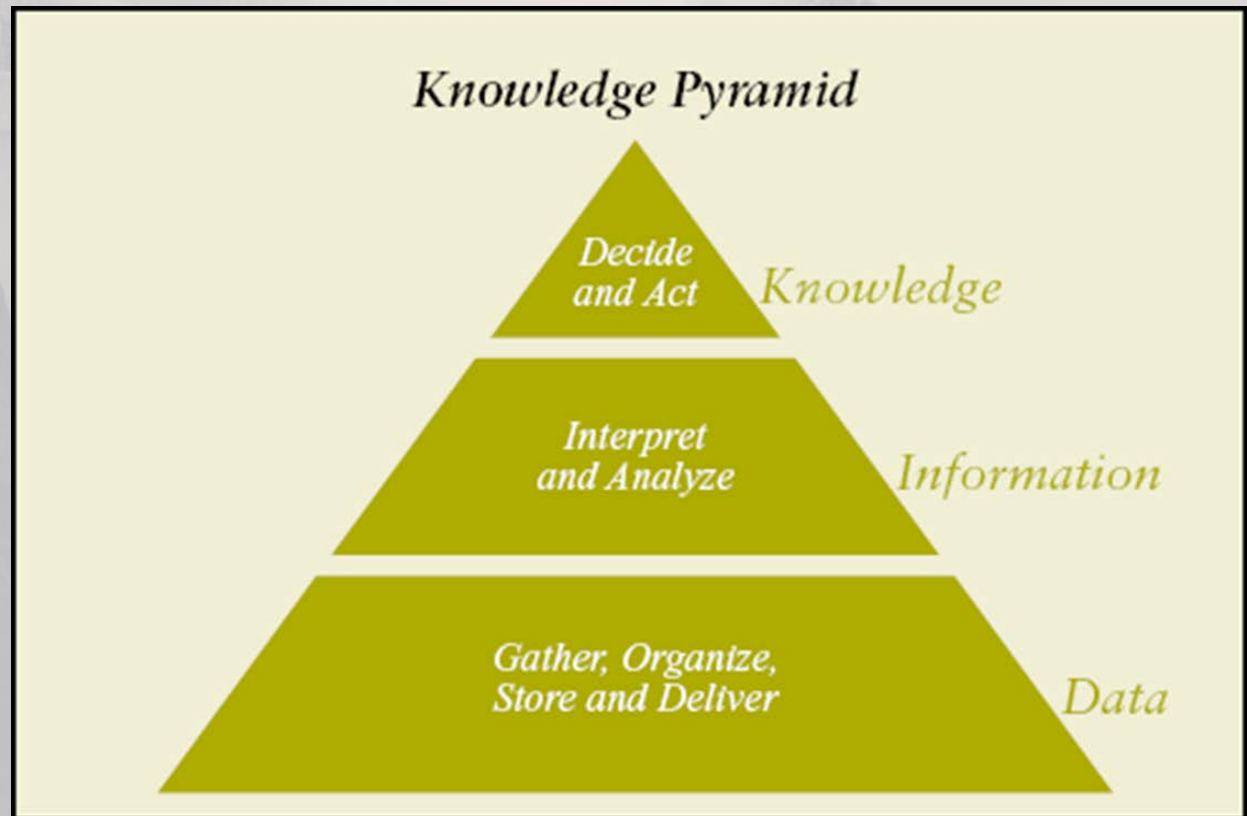
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Honolulu Land Information System (HoLIS)

Department of Planning and Permitting

J Schneider

Mantra

- 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

Information is a Critical Asset

Knowledge Pyramid

Decide and Act — *Knowledge*

Interpret and Analyze — *Information*

Gather, Organize, Store and Deliver — *Data*

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.

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Data Interactions

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

- Open Data API

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.
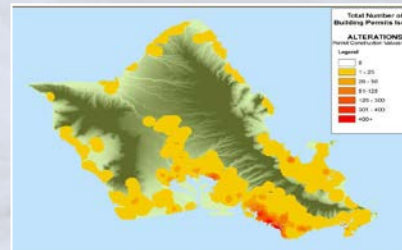
Density analysis of building permits issued and construction values, 2004 to 2008
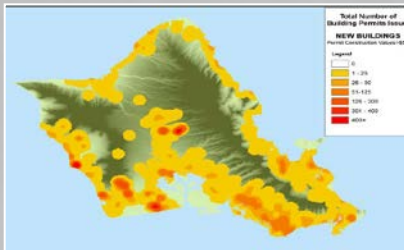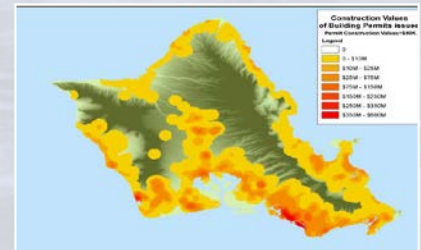
New Buildings   Additions   Alterations   Construction Value