

COASTAL DATA EXCHANGE

STATEWIDE GIS MODERNIZATION & RESOURCES



Joan Delos Santos, Acting Program Manager

State Office of Planning

Statewide GIS Program

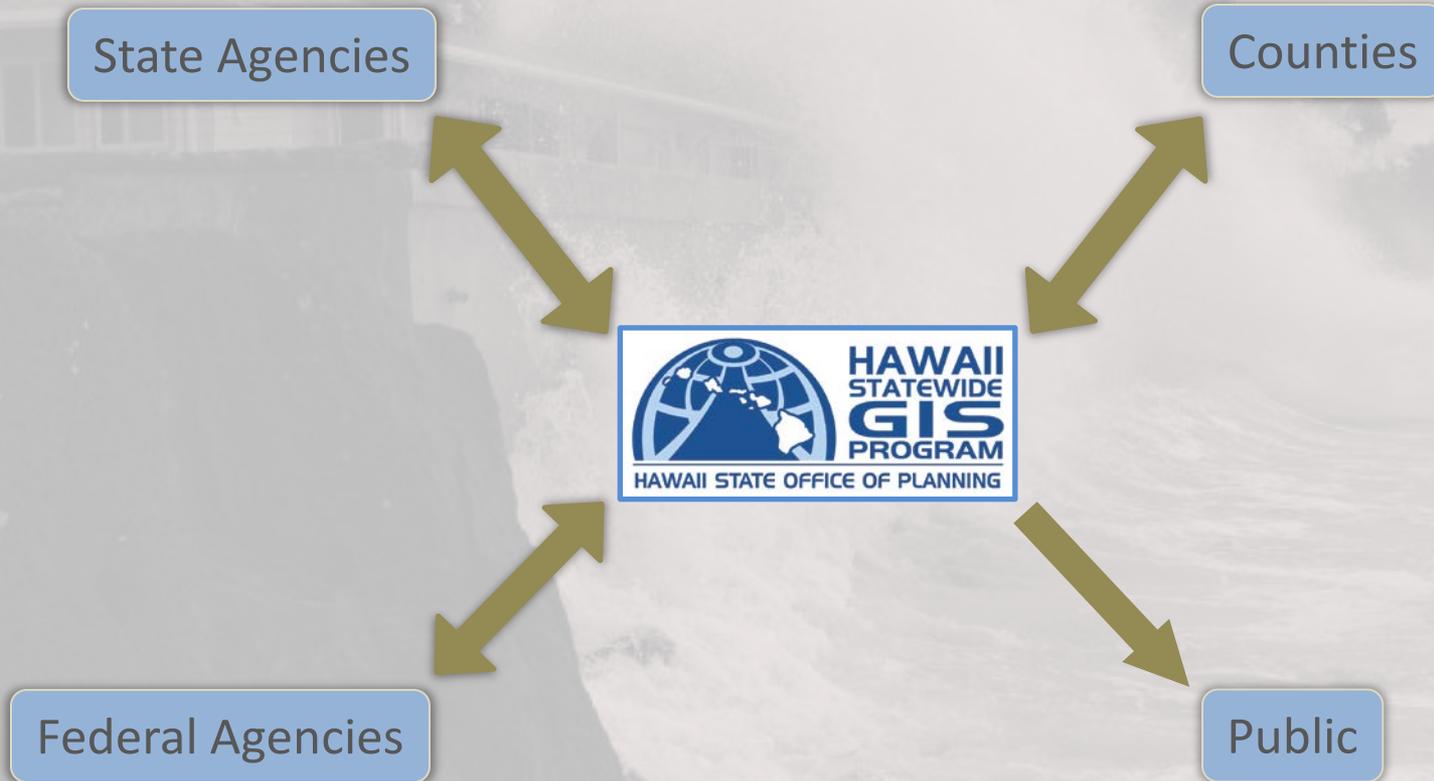
Maps

“Maps are like campfires – everyone gathers around them [. . .] – [maps] allow people to understand complex issues at a glance, and find agreement about how to help the land.”

– Sonoma Ecology Center, GIS/IS Program Web Site

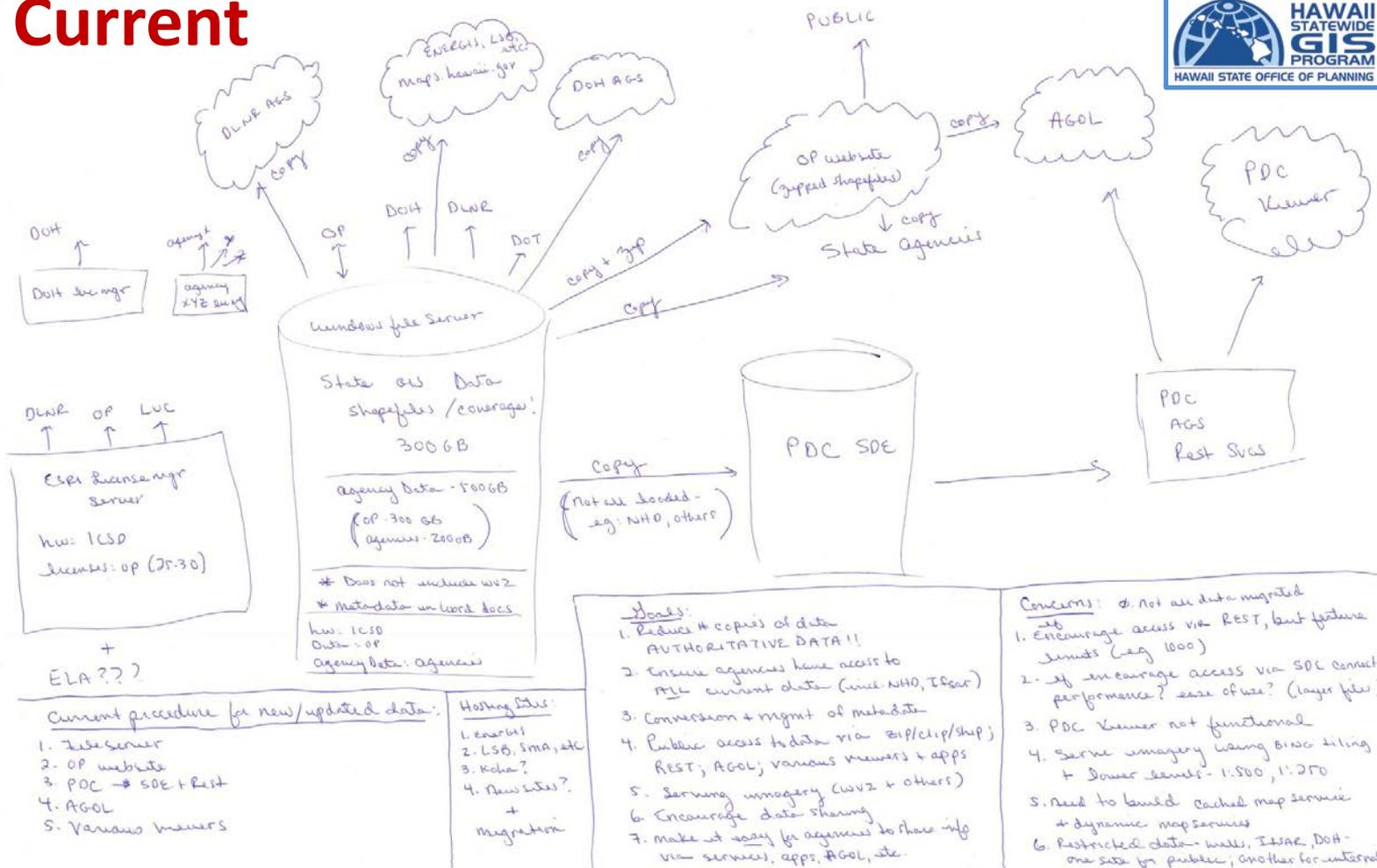


GIS Information Flow – State of Hawaii



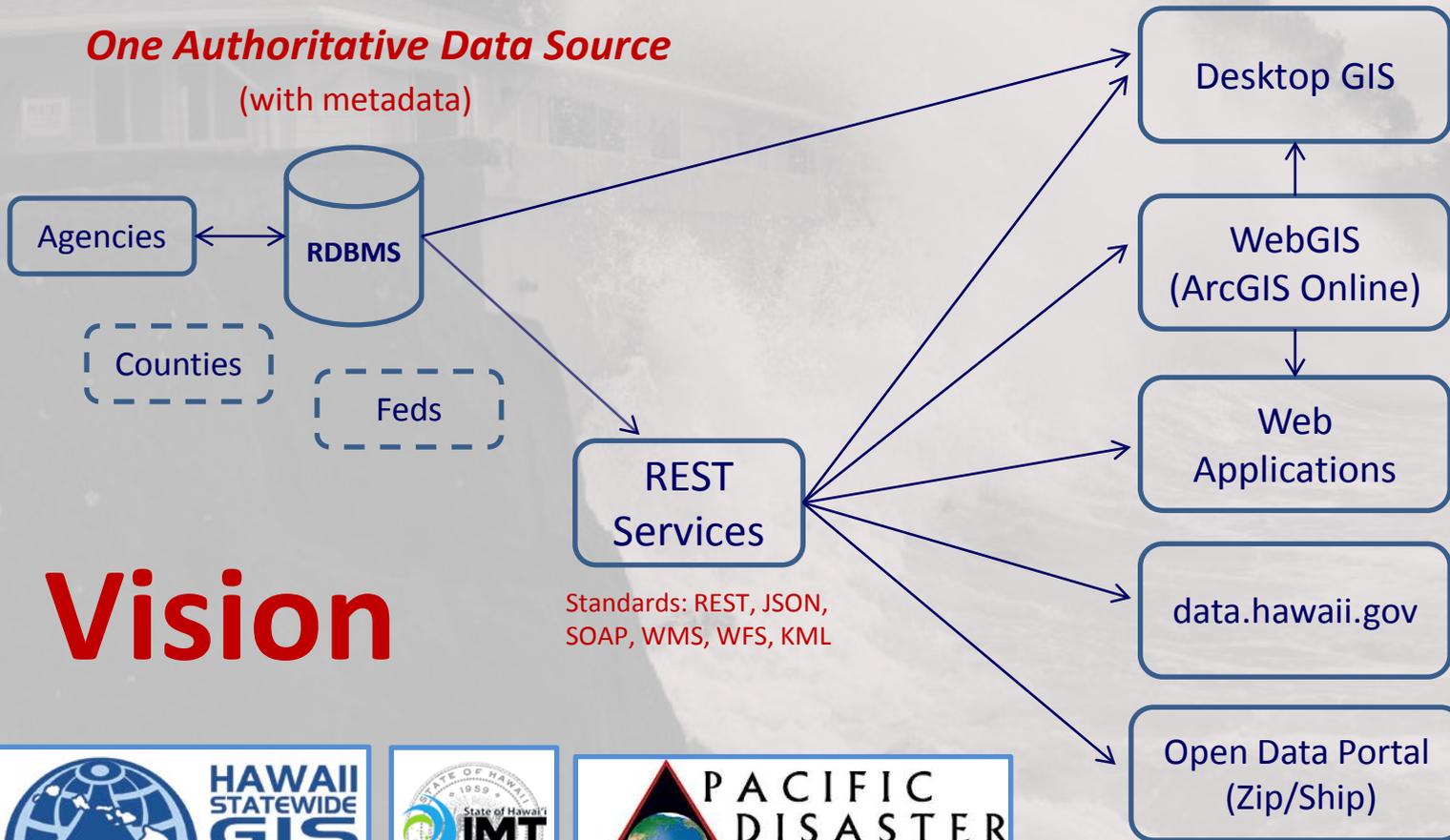
GIS Information Flow – State of Hawaii

Current



GIS Information Flow – State of Hawaii

One Authoritative Data Source
(with metadata)



Standards: REST, JSON,
SOAP, WMS, WFS, KML

Vision



GIS Information Flow – State of Hawaii

Downloadable Data

State of Hawaii
Office of Planning

Home > Hawaii Statewide GIS Program > Download GIS Data

DOWNLOAD GIS DATA

Information contained in these files is derived from public records that are constantly undergoing change and does not replace a site survey. The data and information is not warranted for content or accuracy. The State of Hawaii does not guarantee the positional or thematic accuracy of the GIS data. The GIS data or cartographic digital files are not a legal representation of any of the features which it depicts and the State disclaims any assumption of the legal status which the data represents. Any implied warranties, including warranties of merchantability or fitness for a particular purpose, shall be expressly excluded. The State of Hawaii encourages GIS data users to verify the suitability of the data before use. Please report any discrepancies to gis@obed.hawaii.gov.

[How to Download and View GIS Layers](#)

[Frequently Asked Questions \(FAQ\)](#)

GIS LINKS

- GIS Data
- Maps, Tools, and Applications
- Other Resources
- GIS REST Services
- HBGN
- Who's Your Legislator?

Home > Hawaii Statewide GIS Program > New and Updated Layers

NEW AND UPDATED LAYERS

New:

- Public Use Microdata Areas (PUMA) – 2010 (016-Cultural and Demographic) – Added 10/08/13
- Foreign Trade Zone (005-Business and Economy) – Added 08/05/13
- Census Urbanized Areas and Urban Clusters – 2010 (016-Cultural and Demographic) – Added 07/25/13
- Banks and Credit Unions (005-Business and Economic) – Added 07/17/13
- LANDSAT Mosaic, Satellite Imagery (010-Imagery and Basemaps) – Added 07/11/13

Updated:

- Tsunami Evacuation Zones (009-Human Health and Safety) - Updated 02/14/14
- Hunting Areas (003-Administrative and Political) – Corrected 02/06/14
- Important Agricultural Lands (IAL) (015-Cadastral and Demographic) - Updated 02/05/13
- Fire Response Zones (009-Human Health and Safety) - Updated 1/24/14
- Na Ala Hele Trails (010-Transportation Networks) – Updated 1/24/14
- Reserves (003-Administrative and Political) - Updated 1/24/14
- Streams (012-Inland Water Resources) - Updated 12/6/13
- LANDSAT images (010-Imagery and Basemaps) - Updated 11/27/13
- Special Management Area (SMA) (015-Cadastral and Land Descriptions) - Updated 08/26/13

DOWNLOADABLE LAYERS (GROUPED BY ISO CATEGORIES)

(Click Here for full Expanded List of Layers) (* Updated Layer, ** New Layer)

- 001 - AGRICULTURE AND FARMING
- 002 - BIOLOGIC AND ECOLOGIC
- 003 - ADMINISTRATIVE AND POLITICAL BOUNDARIES
- 004 - ATMOSPHERIC AND CLIMATIC
- 005 - BUSINESS AND ECONOMY
- 006 - ELEVATION AND DERIVED PRODUCTS
- 007 - ENVIRONMENTAL
- 008 - GEOLOGIC AND GEOPHYSICAL
- 009 - HUMAN HEALTH AND SAFETY
- 010 - IMAGERY AND BASEMAPS



002 - BIOLOGIC AND ECOLOGIC

flora and/or fauna in natural environments (e.g., flora and fauna, ecology, wetlands, habitats)

Layer Name	Preview	Metadata	Download
Critical Habitat	Preview	Metadata	Download
Threatened and Endangered Plants	Preview	Metadata	Download
Vegetation	Preview	Metadata	1. ahms_011.zip 2. ahms_012.zip 3. ahms_013.zip
Wetlands	Preview	Metadata	Download



GIS Information Flow – State of Hawaii

Layers:

- [Land](#) (0)
 - [Points](#) (1)
 - [Thermal Springs](#) (2)
 - [Geothermal Wells](#) (3)
 - [Studied Hydro Projects](#) (4)
 - [Volcanic Features](#) (5)
 - [Parcels](#) (6)
 - [Potential Warm Ground Water](#) (7)
 - [High Temperature Resource Area](#) (8)
 - [ALISH](#) (9)
 - [Solar](#) (10)
 - [Rainfall](#) (11)
 - [Ditches](#) (12)
 - [Streams](#) (13)
- [Ocean](#) (14)
 - [Wave Energy Transects](#) (15)
 - [Whale Sanctuaries](#) (16)
 - [Bathymetry](#) (17)
 - [3 Mile Boundary](#) (18)
 - [12 Mile Boundary](#) (19)
 - [Temperature Average Difference](#) (20)
 - [Temperature Amplitude Difference](#) (21)
- [Wind Power Density at 50m](#) (22)

ArcGIS Services Directory

Home > [EnerGIS](#) > [Operational \(MapServer\)](#)

EnerGIS/Operational (MapServer)

Layer: Thermal Springs (ID: 2)

Parent Layer: [Points](#)

Display Field: DESCRIPTION

Type: Feature Layer

Drawing Info:

Renderer:
Simple Renderer:
Symbol:
Picture Marker Symbol:

Label:
Description:
Transparency: 0
Labeling Info: N/A

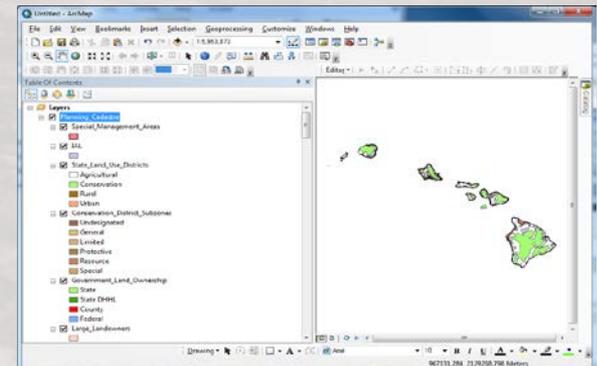
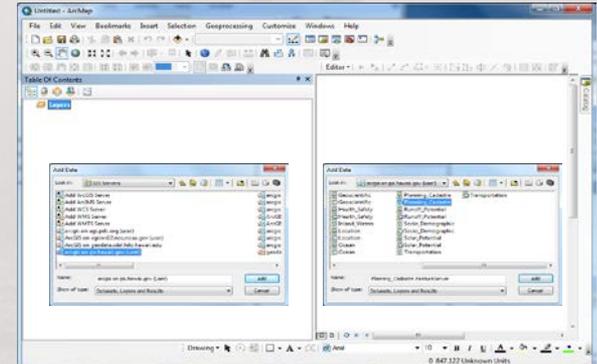
Fields:

- OBJECTID (Type: esriFieldTypeOID, Alias: OBJECTID)
- SHAPE (Type: esriFieldTypeGeometry, Alias: SHAPE)
- DESCRIPTION (Type: esriFieldTypeString, Alias: DESCRIPTION, Length: 20)

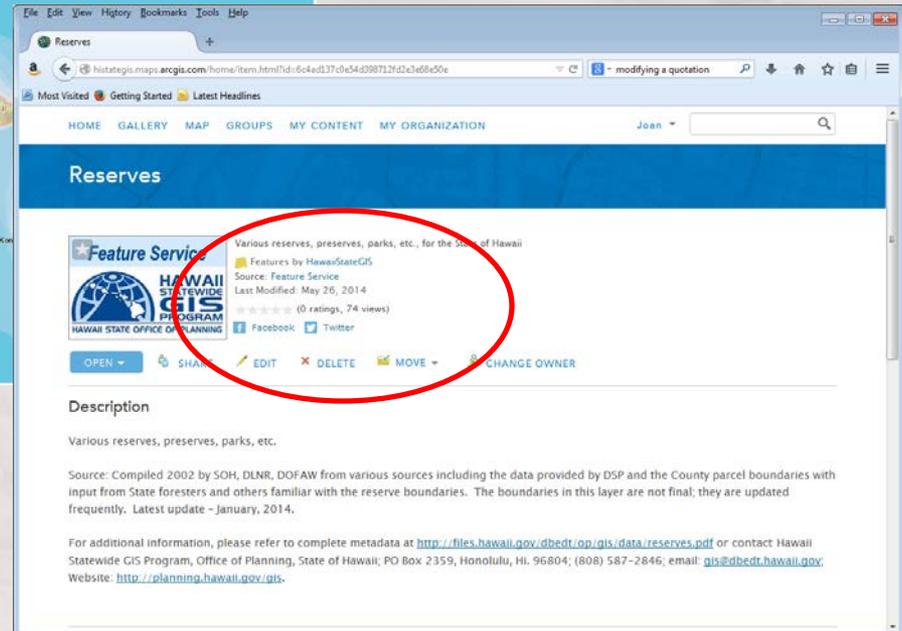
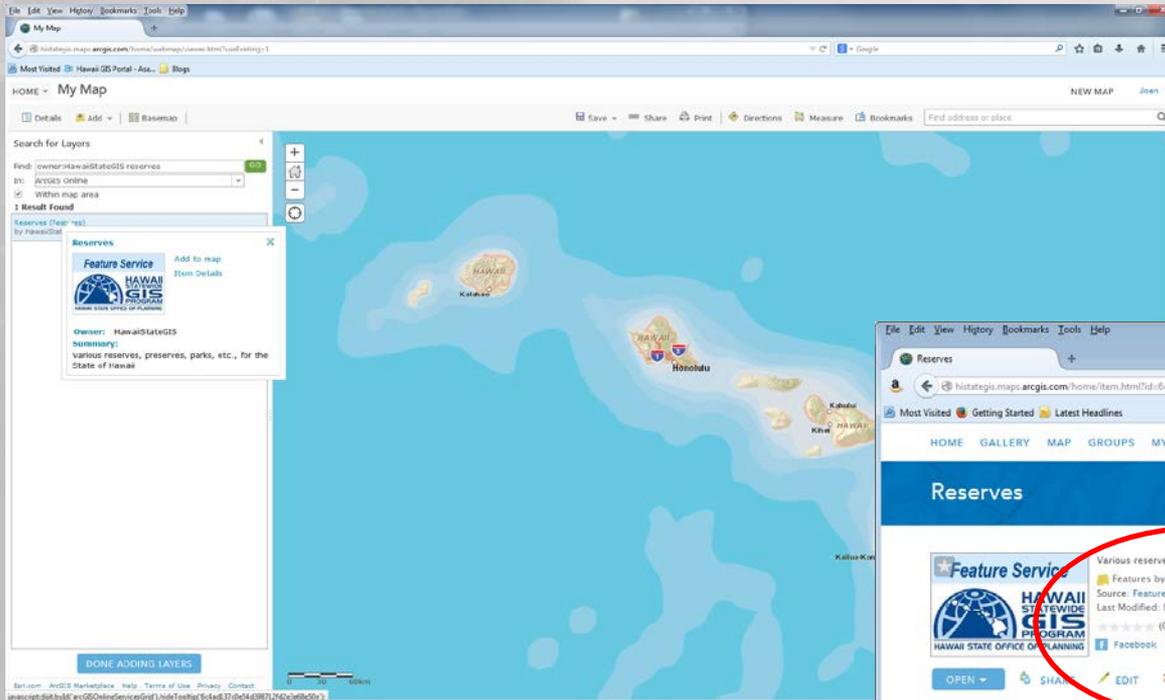
Type ID Field: N/A

Supported Interfaces: [REST](#)

ArcMap
Adding Data from REST Svc
arcgis on gis.hawaii.gov

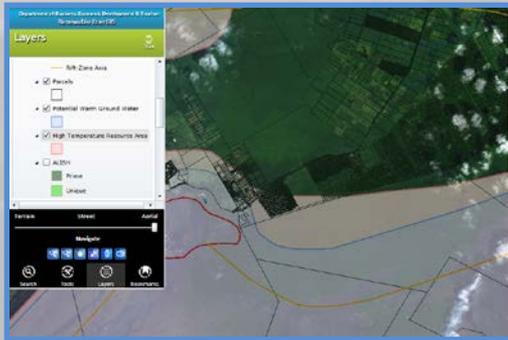


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Customized Apps - EnerGIS



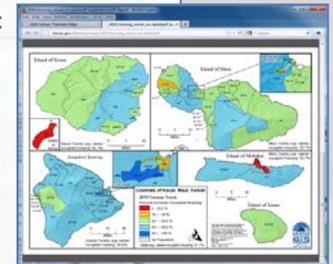
Simple Web Maps/Apps



Downloadable PDF Maps

Land Study Bureau (LSB):

- [State of Hawaii](#)
- [Island of Hawaii](#)
- [Island of Kauai](#)
- [Island of Maui](#)
- [Islands of Molokai and Lanai](#)
- [Island of Oahu](#)



LSB within State Owned Agricultural Lands:

- [Kauai](#) | [Oahu](#) | [Molokai](#) | [Maui](#) | [Hawaii](#)

Special Management Area:

- [SMA Maps](#)
- [SMA Locator Online Map](#)

State Owned Lands:

- [Statewide \(Non-DHHL\)](#)
- [Kauai](#) | [Oahu](#) | [Molokai](#) | [Maui](#) | [Hawaii](#)

Solar Radiation Maps:

- [Kauai](#) | [Oahu](#) | [Molokai](#) | [Maui](#) | [Hawaii](#) | [Energy Unit C Division](#)



Coastal/ Marine Analysis Tool (coming soon)



GIS Information Flow – State of Hawaii

- **Statewide GIS Program** serves as a data broker
- **We'll serve what our partners ask us to serve**
(State agencies, counties, feds)
- **Metadata is important**
- **We welcome feedback on the data**



Maps

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THANK YOU!



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