

Metadata for GIS Data Layers Used in EnerGIS

Climate Layers

Annual Rainfall (Inches): <http://files.hawaii.gov/dbedt/op/gis/data/isohyets.pdf>

Annual Solar DNI: http://files.hawaii.gov/dbedt/op/gis/data/solar_resource_dni.pdf

Annual Solar GHI: http://files.hawaii.gov/dbedt/op/gis/data/solar_resource_dni.pdf

Solar Radiation: <http://files.hawaii.gov/dbedt/op/gis/data/solrad.pdf>

Temperature Amplitude Difference: http://files.hawaii.gov/dbedt/op/gis/data/Ocean_Temp.pdf

Temperature Average Difference: http://files.hawaii.gov/dbedt/op/gis/data/Ocean_Temp.pdf

Wind Power (50m): http://files.hawaii.gov/dbedt/op/gis/data/wind_data.pdf

Wind Speed (30, 50, 70, 100m): http://files.hawaii.gov/dbedt/op/gis/data/wind_data.pdf

Coastal / Marine Layers

Benthic Habitat: http://files.hawaii.gov/dbedt/op/gis/data/benthic_habitat.pdf

Marine Managed Areas: http://files.hawaii.gov/dbedt/op/gis/data/mma_dar.pdf

National Marine Humpback Whale Sanctuary: http://files.hawaii.gov/dbedt/op/gis/data/humpback_whale_sanctuary.pdf

Three Mile Boundary: http://files.hawaii.gov/dbedt/op/gis/data/3_naut_mile_bndry.pdf

Twelve Mile Boundary: http://files.hawaii.gov/dbedt/op/gis/data/12_naut_mile_bndry.pdf

Wave Energy Transects: http://files.hawaii.gov/dbedt/op/gis/data/wave_energy_transects.pdf

Elevation Layers

NOAA Elevation: <https://nationalmap.gov/epgs/> and https://gis.ngdc.noaa.gov/arcgis/rest/services/DEM_global_mosaic_hillshade/ImageServer

USGS Slope Percent, Aspect: http://files.hawaii.gov/dbedt/op/gis/data/10m_dem_elevation_mosaic_datasets.pdf

Fresh Water Layers

Streams: <http://files.hawaii.gov/dbedt/op/gis/data/darstreams.pdf>

Hazards Layers

Flood Zones: http://files.hawaii.gov/dbedt/op/gis/data/s fld_haz_ar_state.pdf

Infrastructure Layers

Ditches: <http://files.hawaii.gov/dbedt/op/gis/data/ditches.pdf>

Studied Hydro Projects: http://files.hawaii.gov/dbedt/op/gis/data/hydro_projects.pdf

LandUse/Land Cover Layers

Agricultural Land Use (ALUM – 1980): <http://files.hawaii.gov/dbedt/op/gis/data/alum.pdf>

Agricultural Land Use (2011-2015): http://files.hawaii.gov/dbedt/op/gis/data/aglanduse_2015.pdf

Prime and Unique Ag Lands (ALISH): <http://files.hawaii.gov/dbedt/op/gis/data/alish.pdf>

Soil Ratings: A through E (LSB): <http://files.hawaii.gov/dbedt/op/gis/data/lsb.pdf>

Parcels and Zoning Layers

City and County of Honolulu Zoning: http://files.hawaii.gov/dbedt/op/gis/data/cty_zoning_oah.pdf

County of Hawaii Zoning: <http://files.hawaii.gov/dbedt/op/gis/data/hawctyzoning.pdf>

County Address: qpublic sites:

http://qpublic9.qpublic.net/ga_search_dw.php?county=hi_kauai

http://qpublic9.qpublic.net/hi_honolulu_search.php

http://qpublic9.qpublic.net/hi_maui_search.php

http://qpublic9.qpublic.net/hi_hawaii_search.php

Important Agricultural Lands: http://files.hawaii.gov/dbedt/op/gis/data/imp_ag_lands.pdf

Special Management Areas: <http://files.hawaii.gov/dbedt/op/gis/data/sma.pdf>

State Land Use Districts: <http://files.hawaii.gov/dbedt/op/gis/data/slud.pdf>

TMK Parcels: http://files.hawaii.gov/dbedt/op/gis/data/tmk_state.pdf

Terrestrial Layers

Critical Habitat: http://files.hawaii.gov/dbedt/op/gis/data/crhb_state.pdf

High Temperature Resource Areas:

http://files.hawaii.gov/dbedt/op/gis/data/geothermal_hi_temp_resource_areas.pdf

Potential Warm Ground Water: http://files.hawaii.gov/dbedt/op/gis/data/potential_warm_ground_water.pdf

Reserves: http://files.hawaii.gov/dbedt/op/gis/data/reserves_summary.pdf

Thermal Springs: http://files.hawaii.gov/dbedt/op/gis/data/thermal_springs.pdf

For more information, contact the Hawaii Statewide GIS Program:

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Email: gis@hawaii.gov

Hawaii Statewide GIS Websites:

<http://planning.hawaii.gov/gis/>

<http://geoportal.hawaii.gov/>

<http://geodata.hawaii.gov/arcgis/rest/services>