

Layer Name: Land Evaluation and Site Assessment

File Name: LESA

Layer Type: Polygon

Status: Complete

Geog. Extent: Islands of Hawaii, Kauai, Lanai, Maui, Molokai and Oahu

Projection: Universal Trans Mercator, Zone 4, Meters, NAD 83 HARN

*Please note - if you are using data in the [State's web services](#) or downloading from the [State's geoportal](#), the data is served and exported in WGS84 coordinates, although it is stored internally in UTM coordinates.*

Description: Important Agricultural Lands (IAL) as determined/delineated by the LESA Commission. ALISH, LSB and the U.S. Soil Conservation Service LESA studies were all used and considered when evaluating land for inclusion in the IAL inventory.

The "Land Evaluation" portion of the study primarily considered soils to determine rankings. In the "Site Assessment" portion of the study, consideration was given to significant factors other than soils that contribute to the viability of a given site for agricultural use. See the report listed below for more specific information as to criteria and exact methodology used.

Source: "A Report on the State of Hawaii Land Evaluation and Site Assessment System" by The State of Hawaii Land Evaluation and Site Assessment Commission, February, 1986. The report can be found at the Hawaii Legislative Reference Bureau (<http://lrhawaii.org/>, 808-587-0690), and at Hawaii State Public Libraries (<http://www.librarieshawaii.org/>, 808-586-3500).

History: Polygons were drafted onto 1:24000 USGS quadrangle maps, then digitized in Arc/Info version 7.x by Office of Planning staff.

NOTE: "Doughnut" / "Island" polygons on the island of Kauai and part of the island of Hawaii have been differentiated and given distinct codes/values.

Note: May 2024 – Hawaii Statewide GIS Program staff removed extraneous fields that had been added as part of the 2016 GIS database conversion and were no longer needed.

Attributes: Polygons

FID	Feature ID
AREA	area of polygon in square meters
PERIMETER	perimeter of polygon in meters
LESA	1 = Important Ag Lands 0 = Not Important Ag Lands

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