

STATE GENERAL FLOOD CONTROL PLAN UPDATE

Darron K. Agawa, P.E. State of Hawaii, DLNR Coastal Data Exchange May 30th, 2014

What is the NEW General Flood Control Plan?

• General Dynamic Website Portal

Flood

Flood Data/Documents

. Control Map/GIS-Based Interface

Plan

Assist in Future Planning

Specifically Speaking...



State General Flood Control Plan (GFCP): "General guide for the orderly and coordinated implementation of the statewide flood control program," HRS 179-3(c)



GFCP is managed by the Flood Control Section of DLNR in conjunction with State NFIP Coordinating Office and State Dam Safety Program



Funded by **NOAA Pacific Service Center's CRest** Grant Program

Who are the Stakeholders?





US Army Corps of Engineers_®







EVERYONE









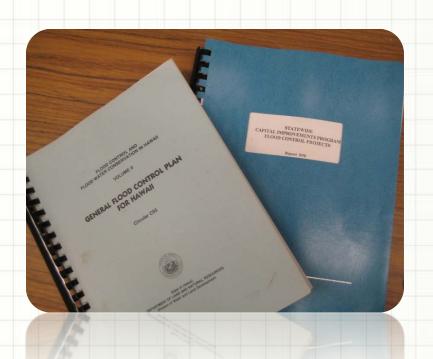




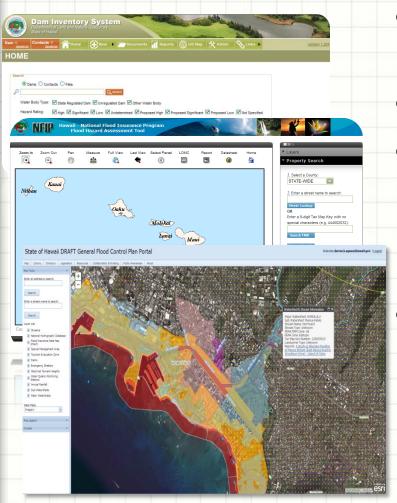


Previous Revisions:

- Originally published as 3 volumes in 1963:
 - 1. Floods and Flood Control
 - 2. General Flood Control Plan for Hawaii
 - 3. Agencies and Legislation
- Major update in 1983
- Most recent update summarizing Statewide
 CIP projects in 1994
- Static paper documents



Current Revision



- Interactive, GIS-based web portal
- Ongoing updates
- Collaborative interagency tool – share, communicate, utilize collected **DATA**
- Supplemental tool for communicating flood risk & mitigation opportunities to the public

What's Been Done So Far:

Identified and met with Federal, State, and County stakeholders

Gathered and digitally scanned flood-related documents

Designed and populated flood study database and related document archive

What's Been Done So Far:

Developed framework of searchable digital database of flood history, flood control studies and projects

Designed architecture of web portal application (GIS-based)

Launched beta version for testing and evaluation

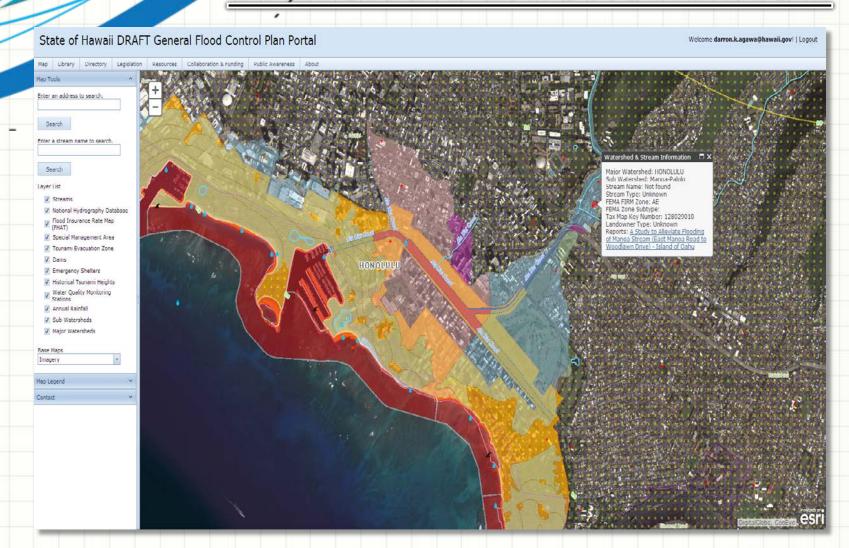
What's to Come:

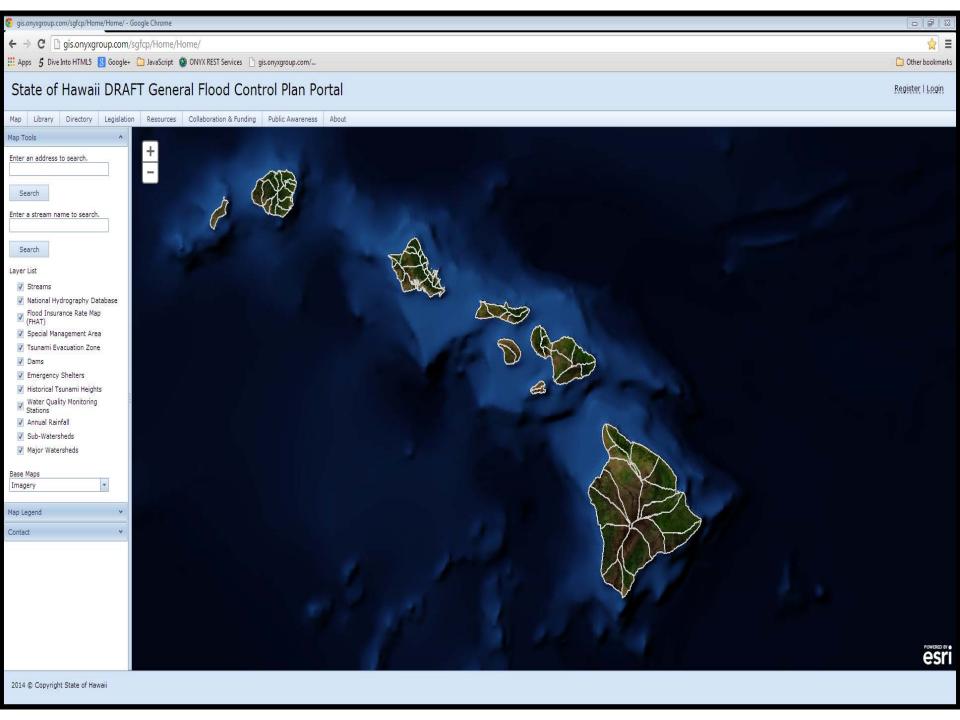
Finalize database library and GIS Interface

Present to
Stakeholders and
deploy for Oahu

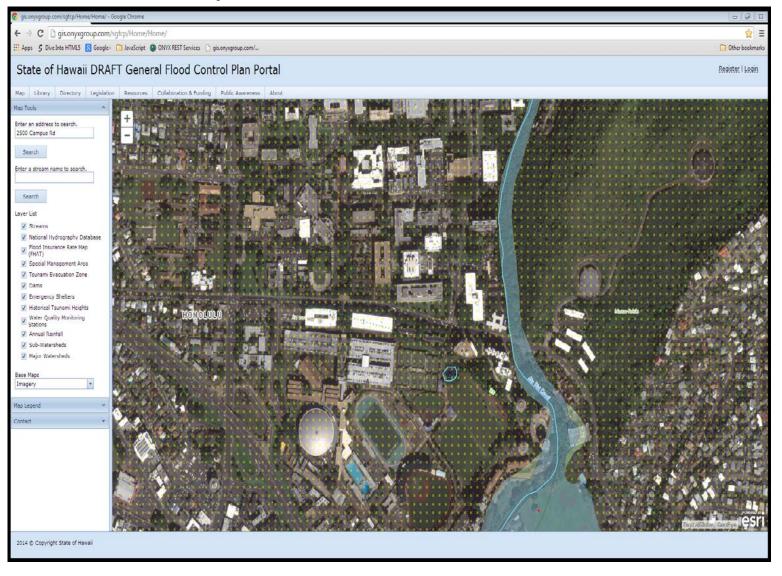
Conduct training and outreaches to stakeholders

WEBSITE DEMONSTRATION

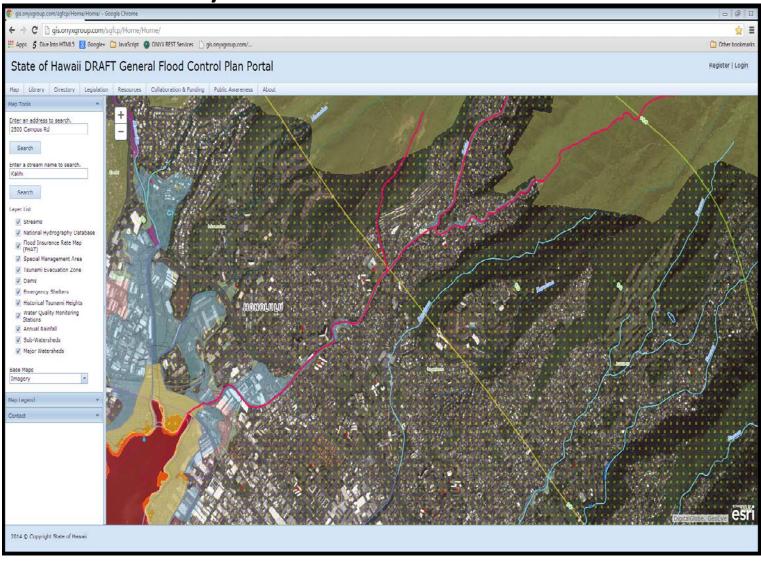




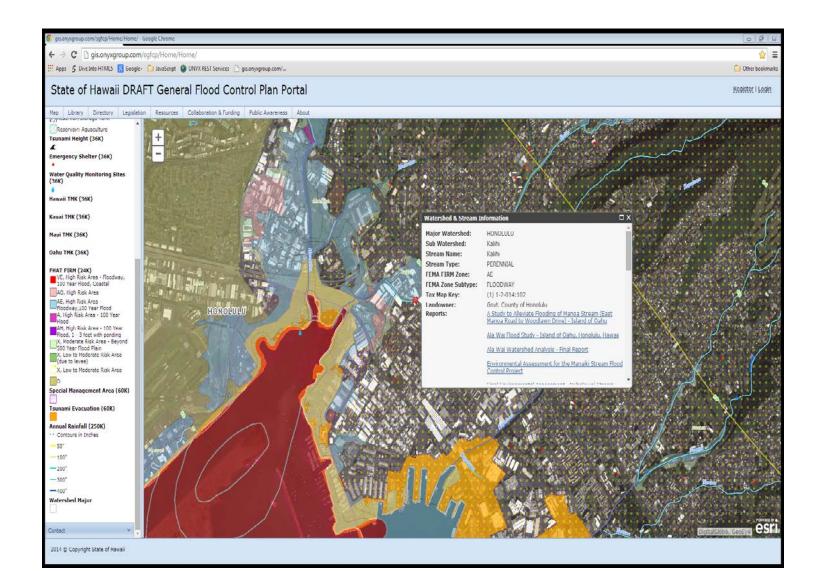
Search by Address



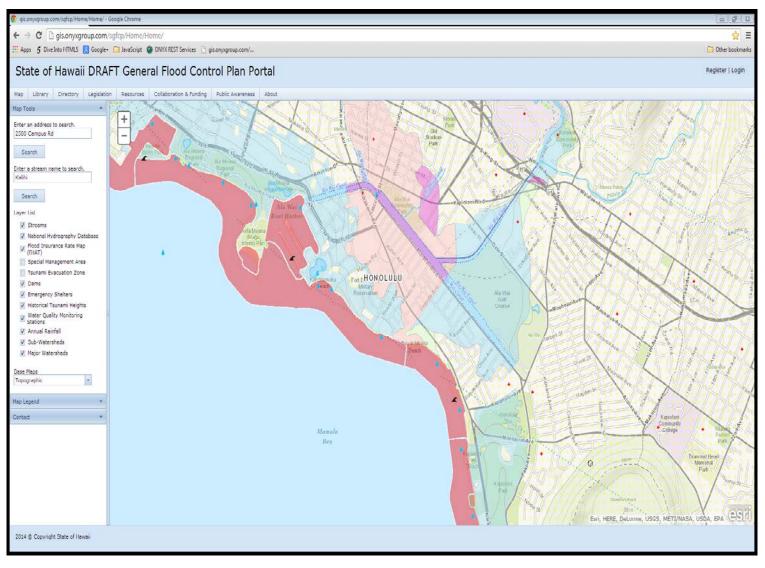
Search by Stream



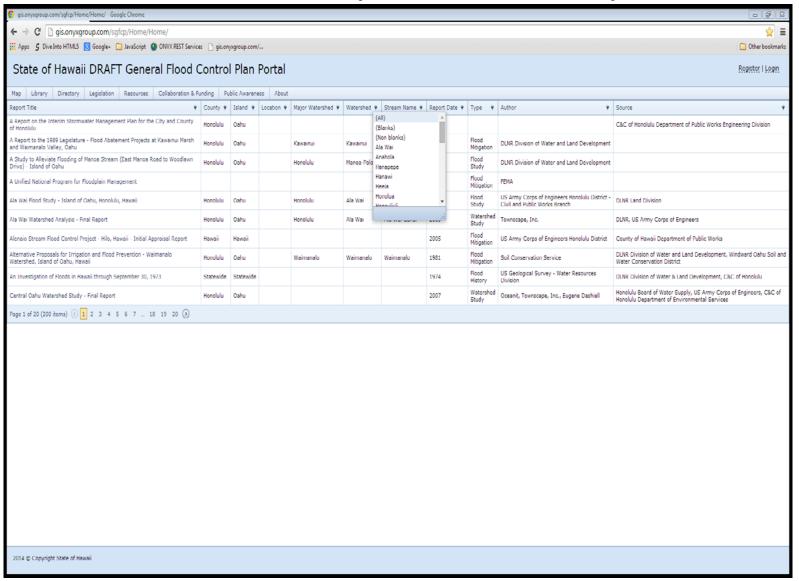
Stream Information Pop-up



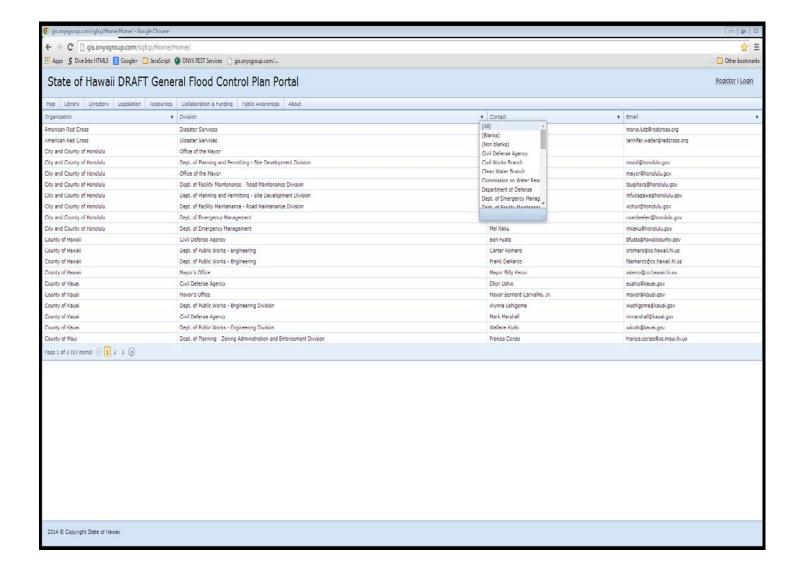
Layer Functionality



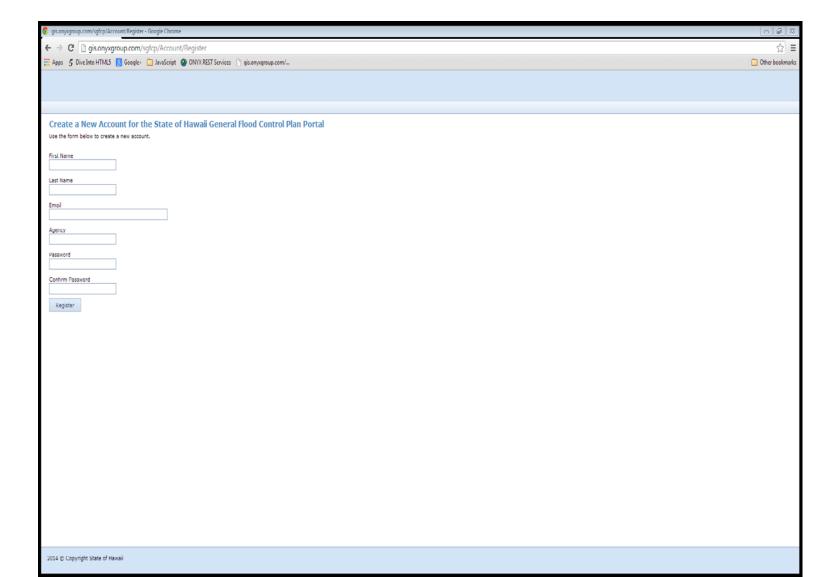
Stakeholder Report Library

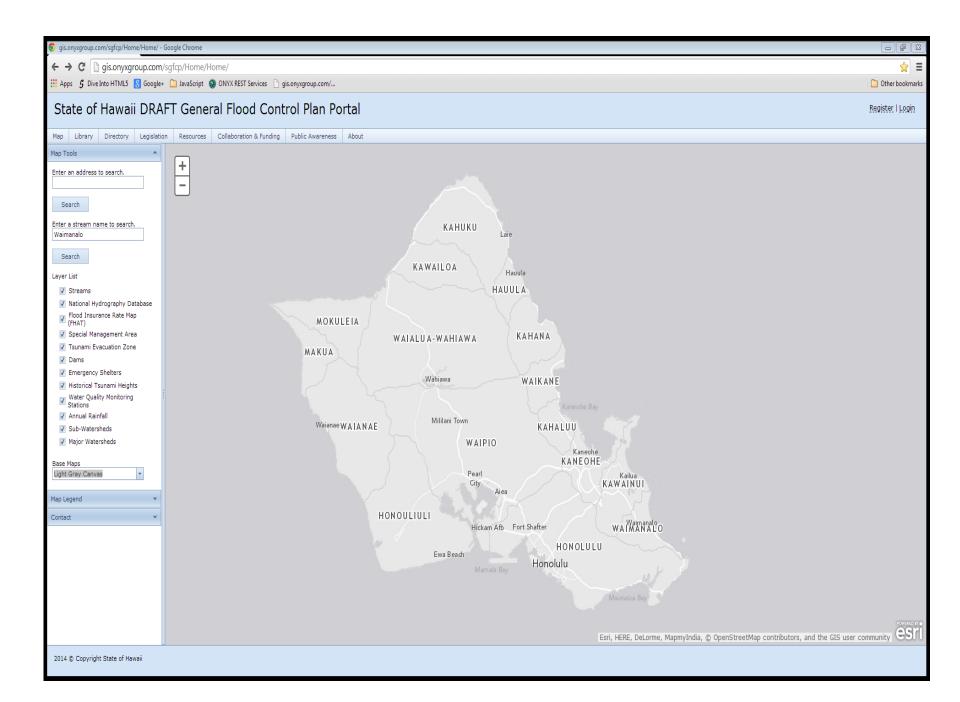


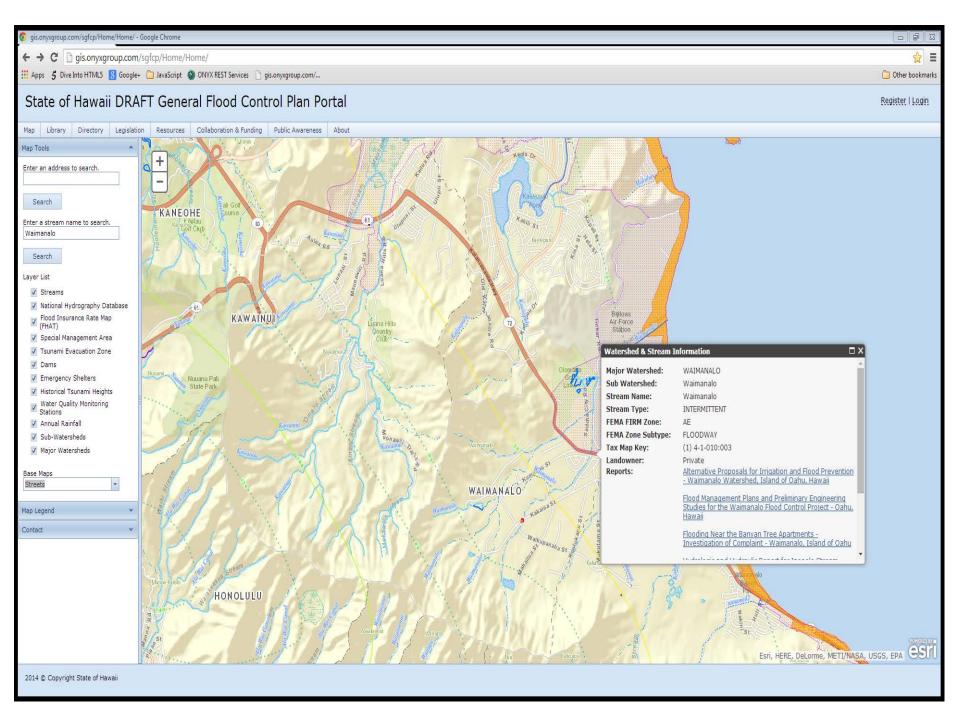
Stakeholder Contacts



User Registration







Website Info...

- gis.onyxgroup.com/SGFCP
 - -Register with a Username/Password

Follow us on Twitter!
@HawaiiFloodPlan

Contacts

DLNR

Darron Agawa <u>Darron.K.Agawa@hawaii.gov</u>

808.587.0277

Carol Tyau-Beam <u>Carol.L.Tyau@hawaii.gov</u>

808.587.0267

Edwin Matsuda <u>Edwin.Y.Matsuda@hawaii.gov</u>

808.587.0268

TWITTER @HawaiiFloodPlan

LYON Associates

Ty Dempsey <u>Ty.Dempsey@LYON.us.com</u>

808.536.6621

Christina Gamayo Christina.Gamayo@LYON.us.com

808.536-6621 x420

