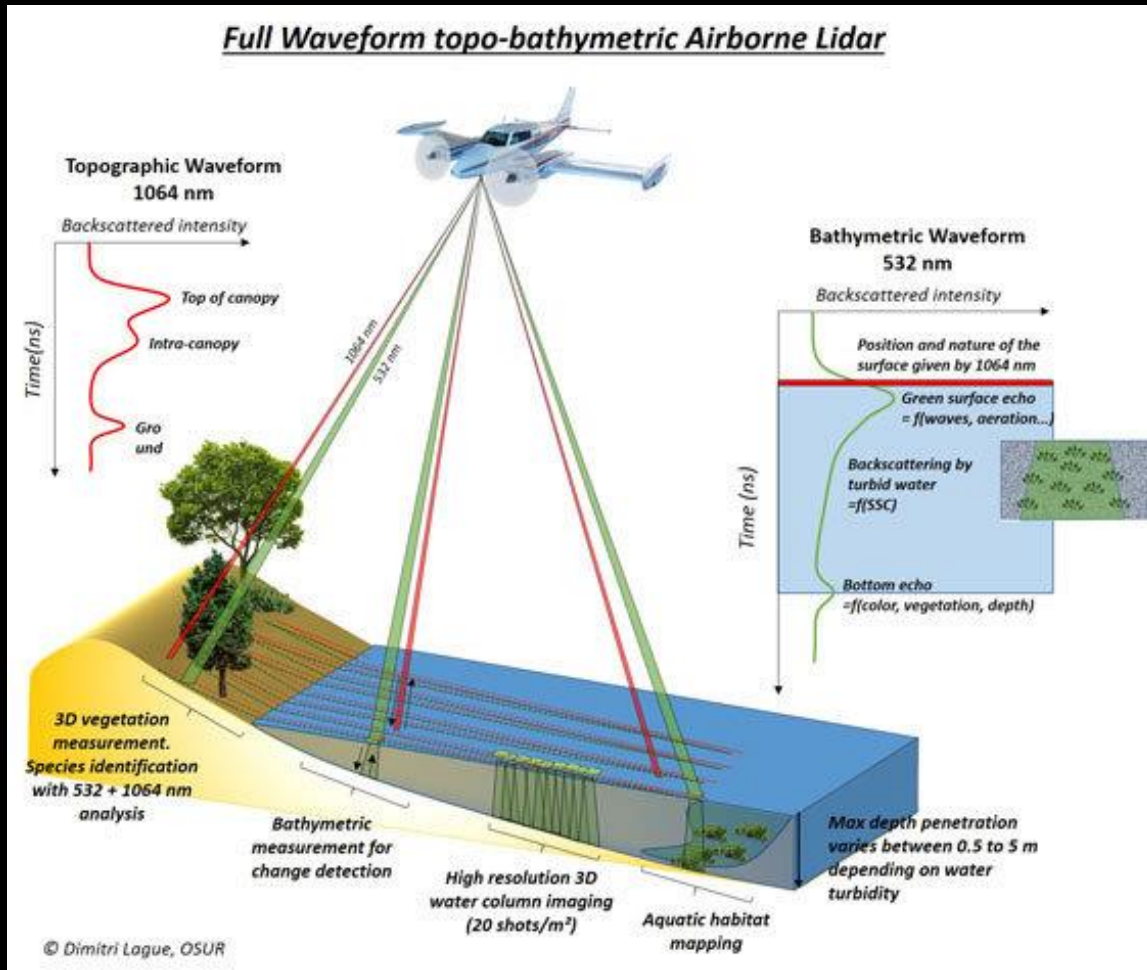




NEW TOOLS & TECHNOLOGY

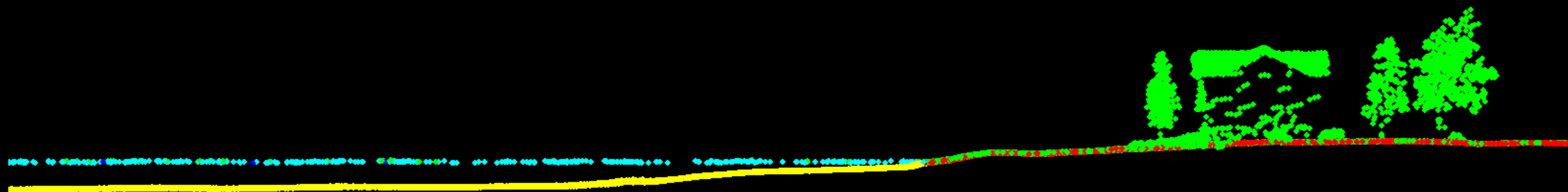
Mason Bindl
GIS Analyst TRPA
June 12, 2019

REMOTELY SENSED DATA FOR TAHOE

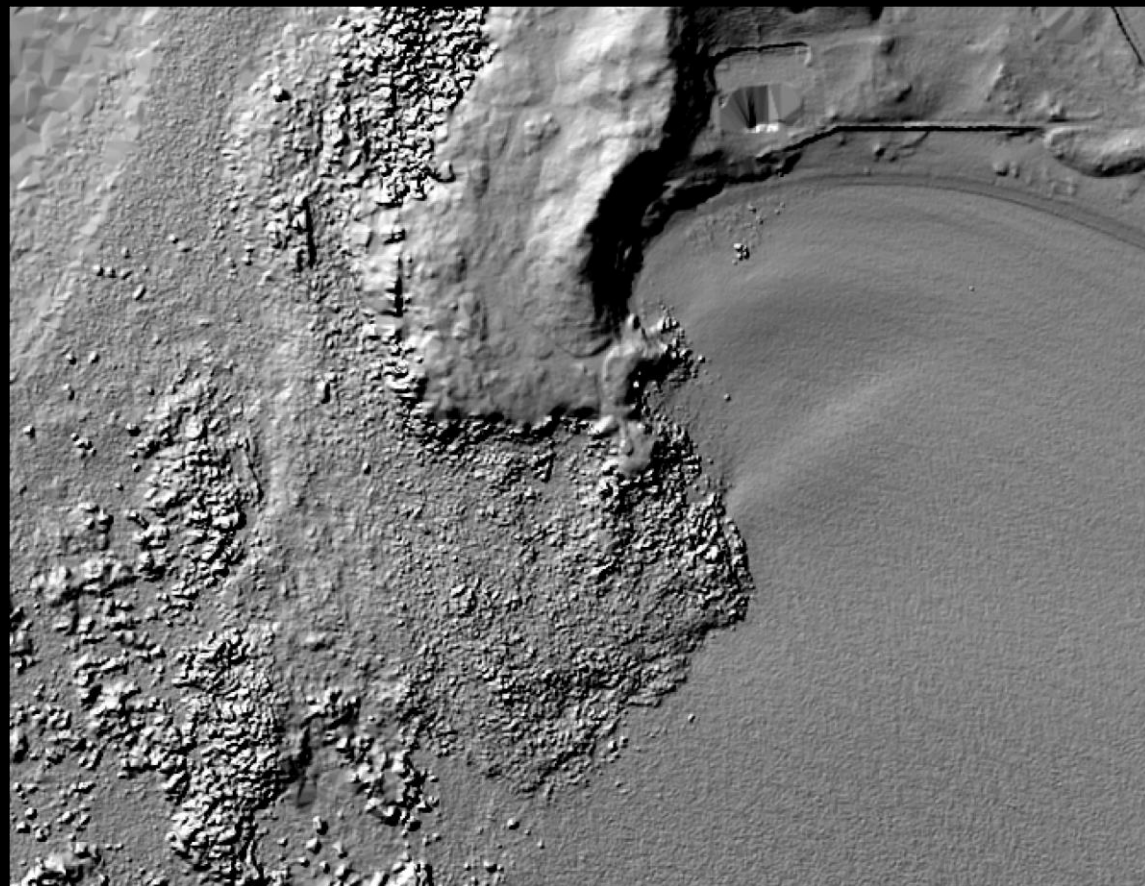


- Topographic: land surface features
- Bathymetric: underwater surface features
- Topo-bathymetric: merged set of surface and subsurface features
- Green LiDAR is a new technology with the ability to penetrate water
- Generates a high-resolution three-dimensional models
- Also collected high-resolution imagery
- Numerous applications for spatial analysis

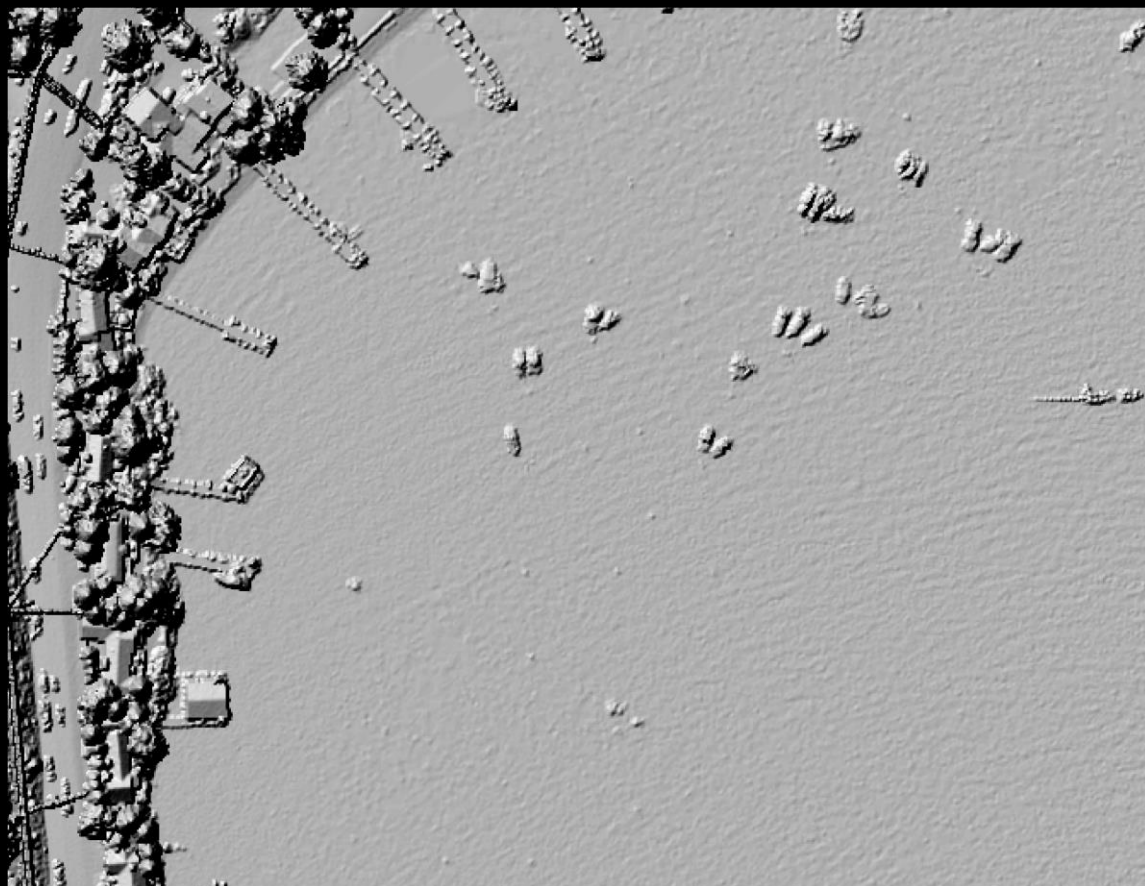
3D REPRESENTATIONS



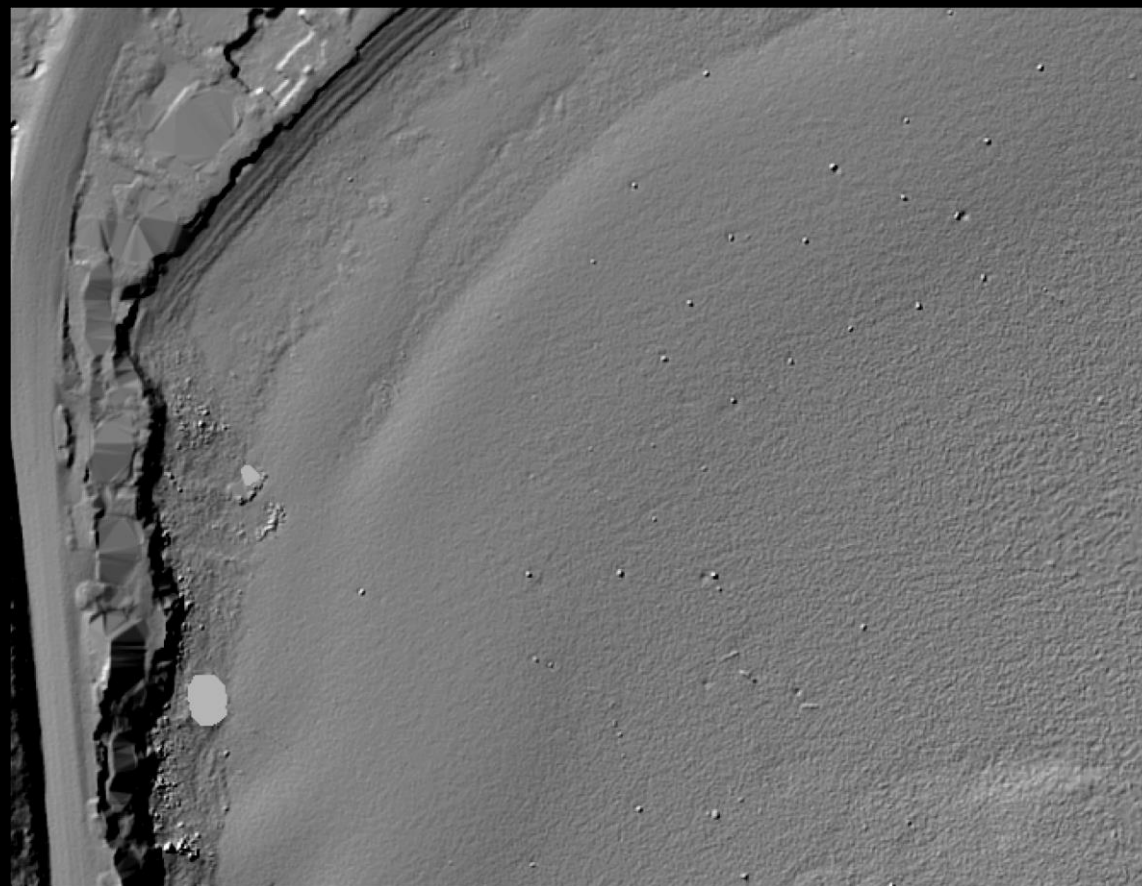
HISTORY OF TAHOE BATHYMETRY DATA



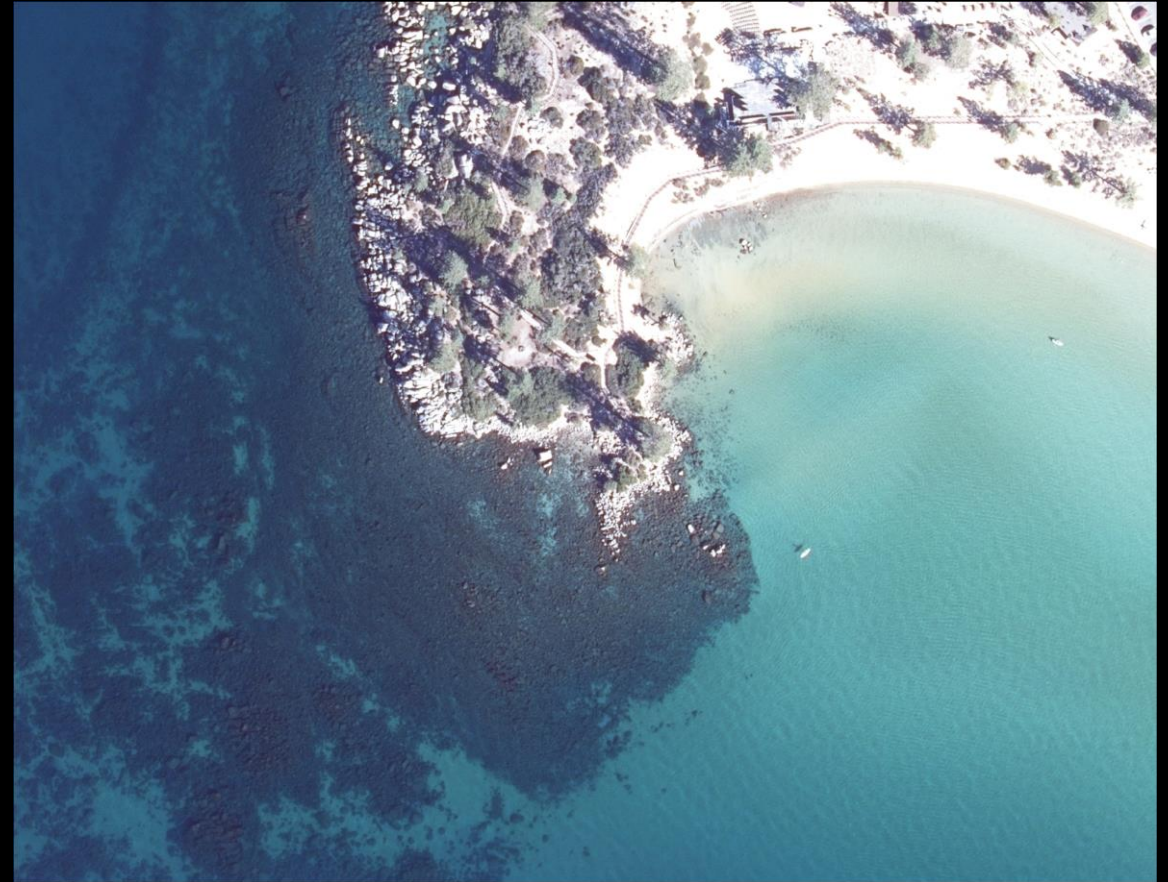
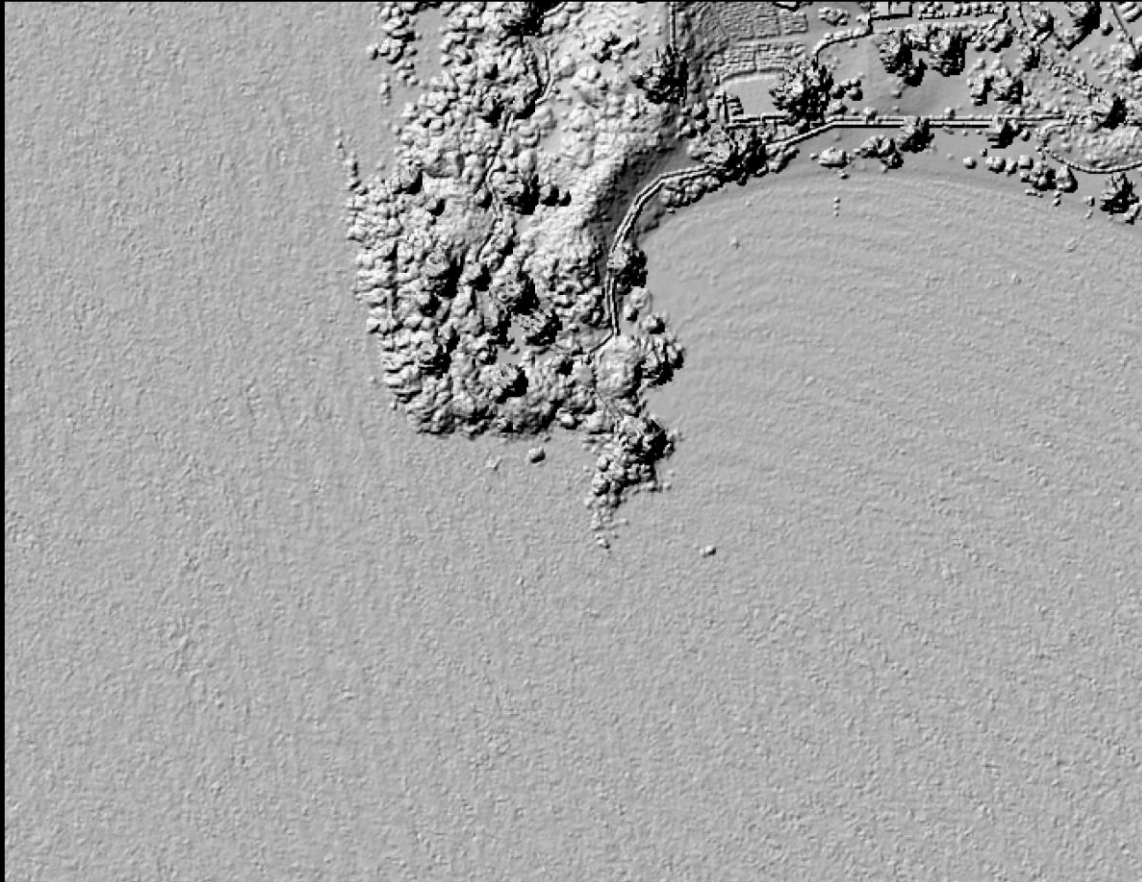
SURFACE MODEL



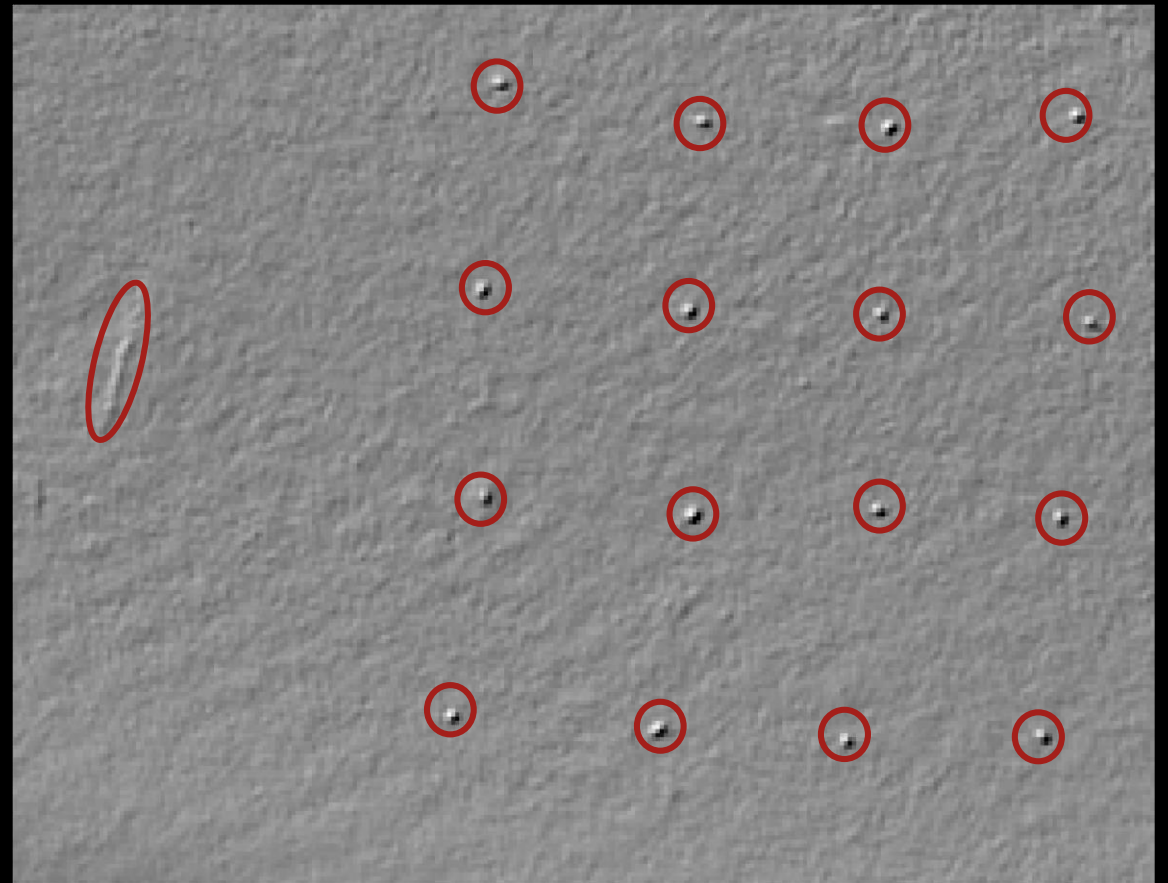
LAKE BED MODEL



HIGH RESOLUTION AERIAL PHOTO



SUBMERGED FEATURE IDENTIFICATION

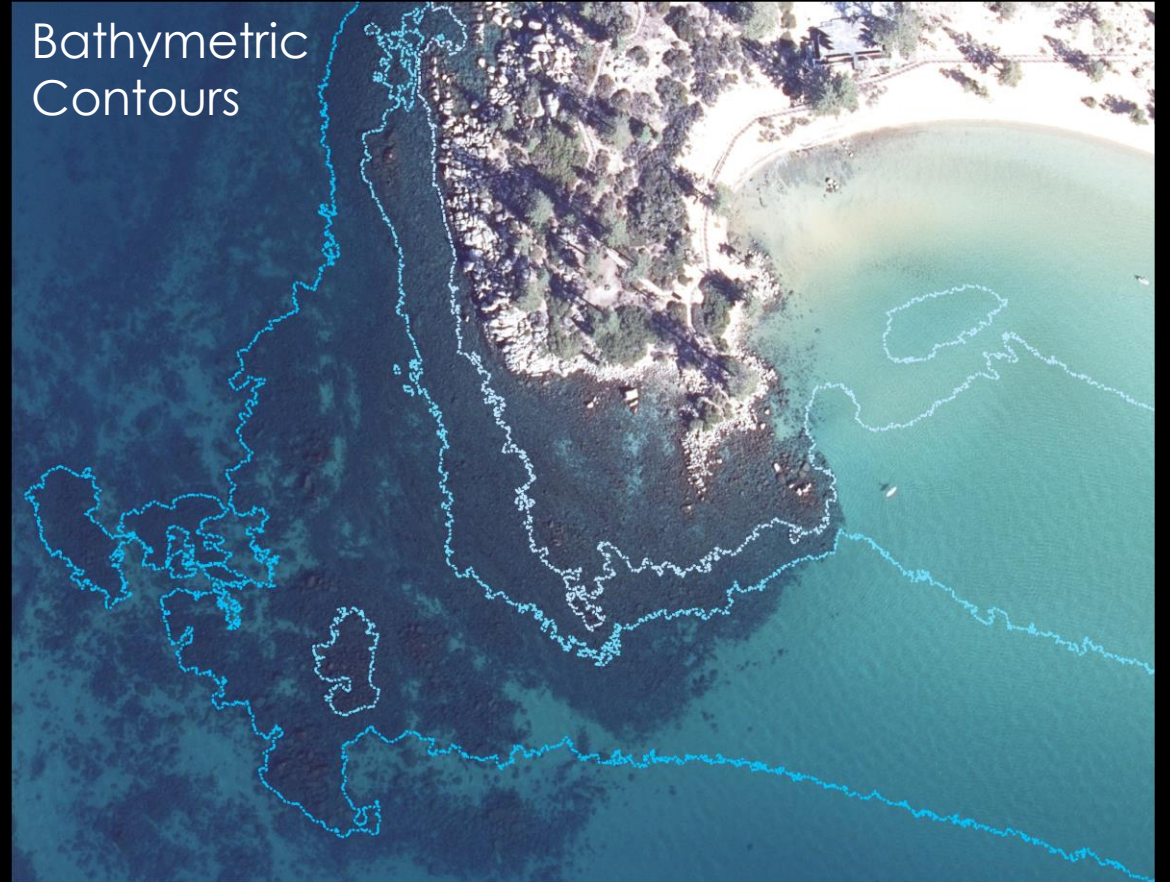


UPDATED OFFICIAL LAYERS

No Wake Zone



Bathymetric Contours



MO

EM

Lake Tahoe INFO

About Program Info

MOORING

Applicant Tal
Status Dra

✓ Applicant In

✓ Select Parce

✓ Select Moor

ⓘ Parcel Own

Upload Docum

Submit Registr

ⓘ Request Sup



Home Manage LT Info

My Account My Moorings, Transactions

Back to Instructions

Who can assist you in
to add the location of
existing moorings, you



Find address or place



REVIEW TOOLS

Approve

REVIEW CHECKLIST

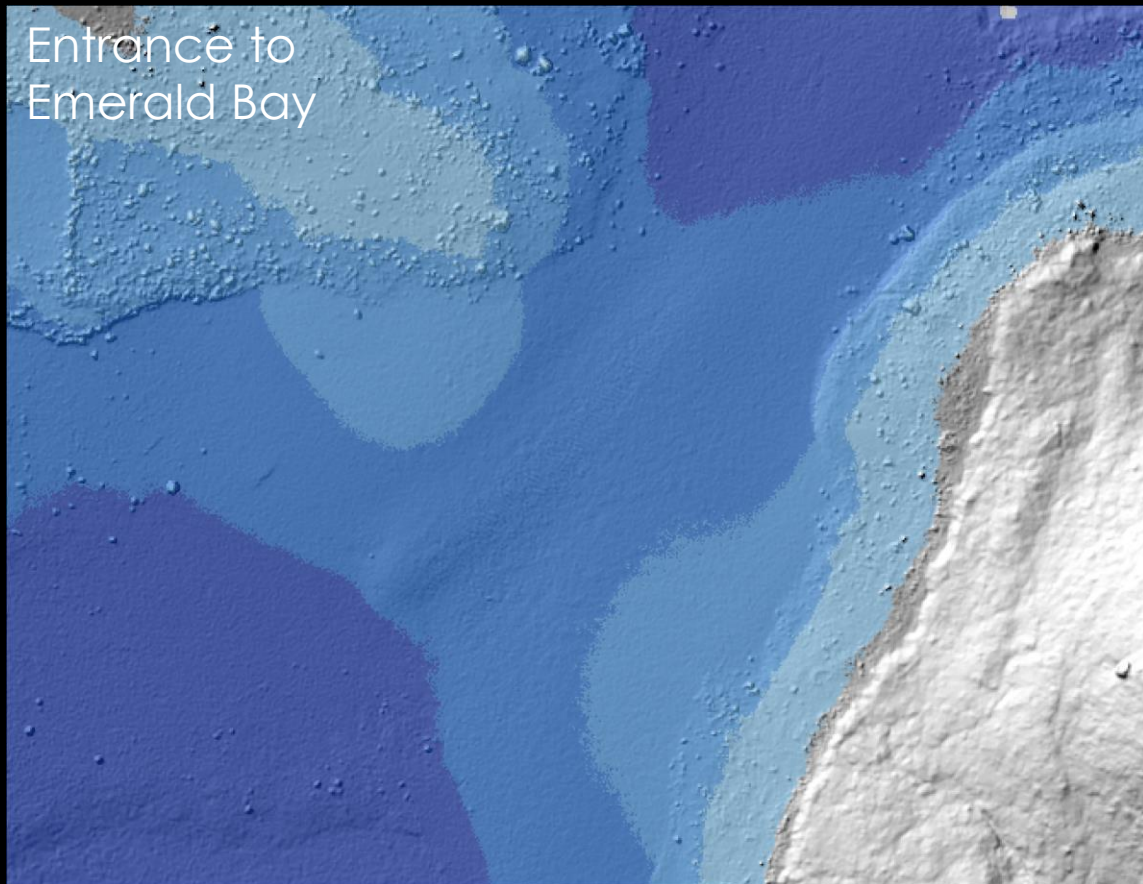
- Registrati
- Registrati
- Littoral st
- Needs BM
- Allowable
- Allowable
- Allowable
- Deed Rest
- Stream M
- Water Int

200ft

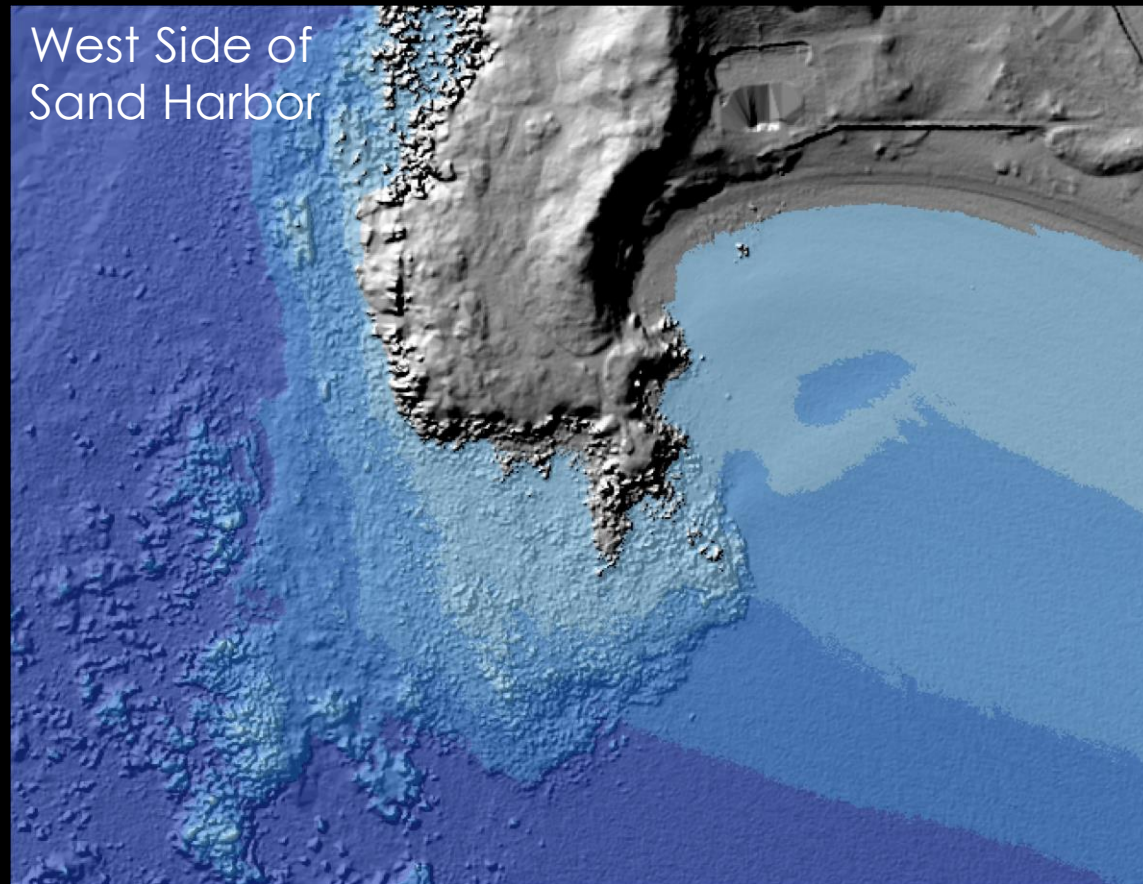
-119.958 39.240 Degrees

IMPROVED NAVIGATION

Entrance to
Emerald Bay



West Side of
Sand Harbor



QUESTIONS?

