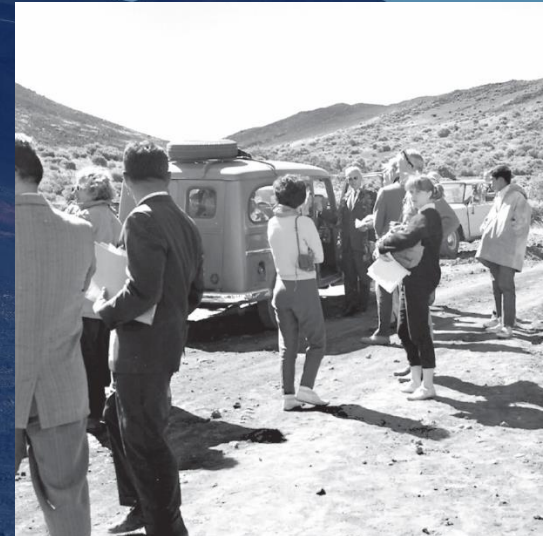


MAUNAKEA OBSERVATORIES

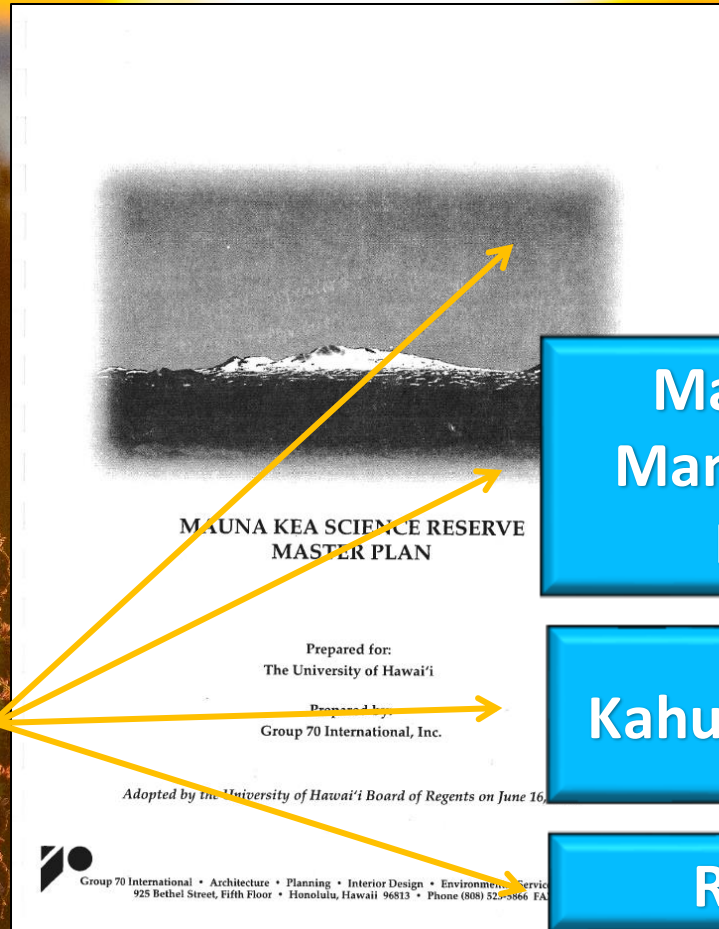
**The Road Ahead for Maunakea
Science Reserve Land Authorization**

History

- ✦ In 1968 the University of Hawaii was granted a lease from the State for the Maunakea Science Reserve (MKSR) that allows observatories to be built/operated in the MKSR under certain terms
 - ✦ Part of Gov. John Burns' vision for astronomy in Hawaii
 - ✦ UH Institute for Astronomy created
 - ✦ Led to internationally funded observatories on Maunakea as part of UH scientific collaboration
- ✦ This “Master Lease” expires in 2033, which for planning purposes for the existing Maunakea Observatories is soon



Milestone Reports and Plans




Maunakea
Management
Board

Kahu Kū Mauna

Rangers

Comprehensive Management Plan

**MAUNA KEA
COMPREHENSIVE MANAGEMENT PLAN**





October 2009

A Cultural Resources Management Plan for the University of Hawaii Management Areas on Mauna Kea, Ka'ohē Ahupua'a, Hāmākua District, Hawai'i Island, State of Hawaii.
TMK: (3) 4-4-015: 09, 12
A Sub-Plan for the Mauna Kea Comprehensive Management Plan

Prepared for:
Office of Mauna Kea Management
University of Hawaii at Hilo
640 N. A'ohoku Place
Hilo, HI 96720

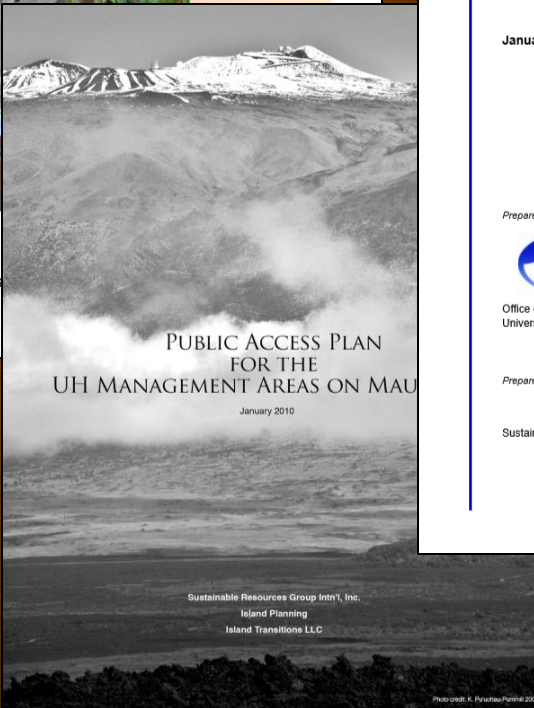
Prepared by:
Pacific Consulting Services, Inc.
720 Iwilei Road, Suite 424
Honolulu, HI 96817

**NATURAL RESOURCES MANAGEMENT PLAN
FOR THE
UH MANAGEMENT AREAS ON MAUNA KEA**
A Sub-Plan of the Mauna Kea Comprehensive Management Plan
September 2009



Sustainable Resources Group

**PUBLIC ACCESS PLAN
FOR THE
UH MANAGEMENT AREAS ON MAUNA KEA**
January 2010




Sustainable Resources Group Intern'l, Inc.
Island Planning
Island Transitions LLC

Photograph: K. Piroth/Purina 2009


**DECOMMISSIONING PLAN FOR THE
MAUNA KEA OBSERVATORIES**
A Sub-Plan of the Mauna Kea Comprehensive Management Plan
January 2010

Prepared for:



Office of Mauna Kea Management
University of Hawaii-Hilo

Prepared by:



Sustainable Resources Group Intern'l, Inc.

MKSR Land Authorization

❖ In February 2018 UH launched again the EIS process for the Maunakea Science Reserve (MKSR) land authorization

- ❖ Needed to extend astronomy for up to 65 years at the end of the current Master Lease

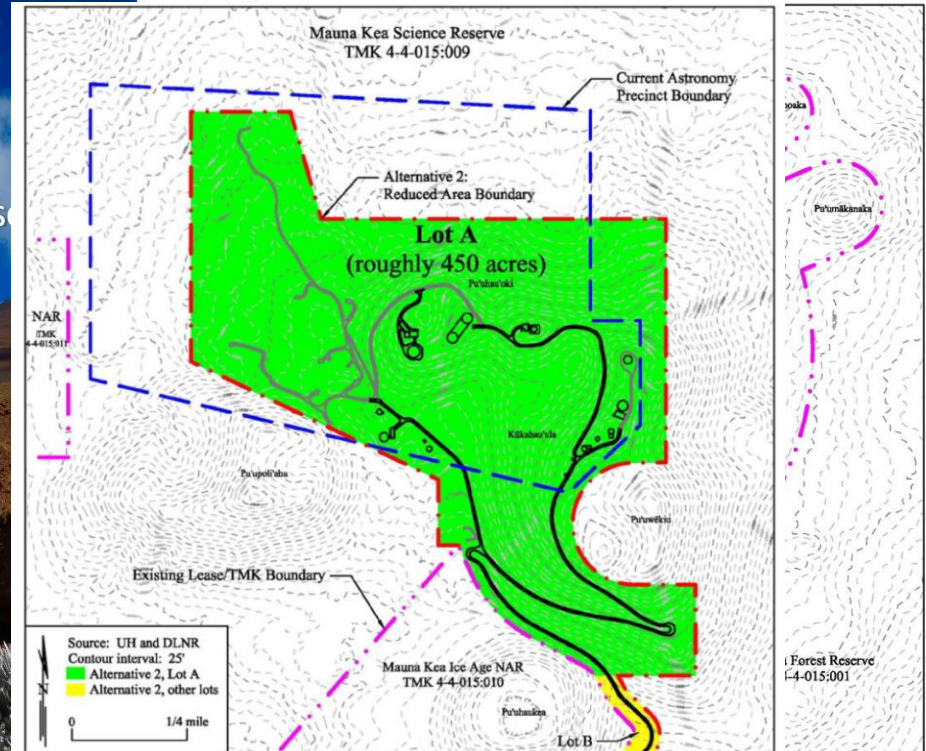
❖ Three land authorization mechanisms identified

- ❖ Executive Order from Governor
- ❖ Title transfer from DLNR to UH
- ❖ *Master Lease – most likely*

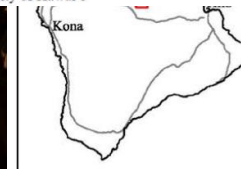
❖ Three outcomes identified –

- ❖ No change – current Master Lease expires 2033 and all telescopes removed
- ❖ *Only Astronomy Precinct + road + HP area approved (~600 acres)*
- ❖ Land currently in Master Lease renewed

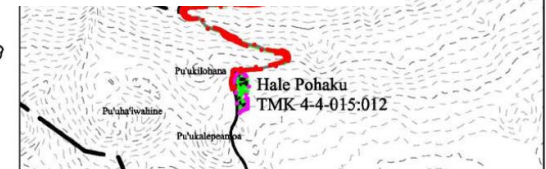
Figure 2-2 Alternative 2 Entitlement Area



Source: University of Hawai'i



Source: University of Hawai'i

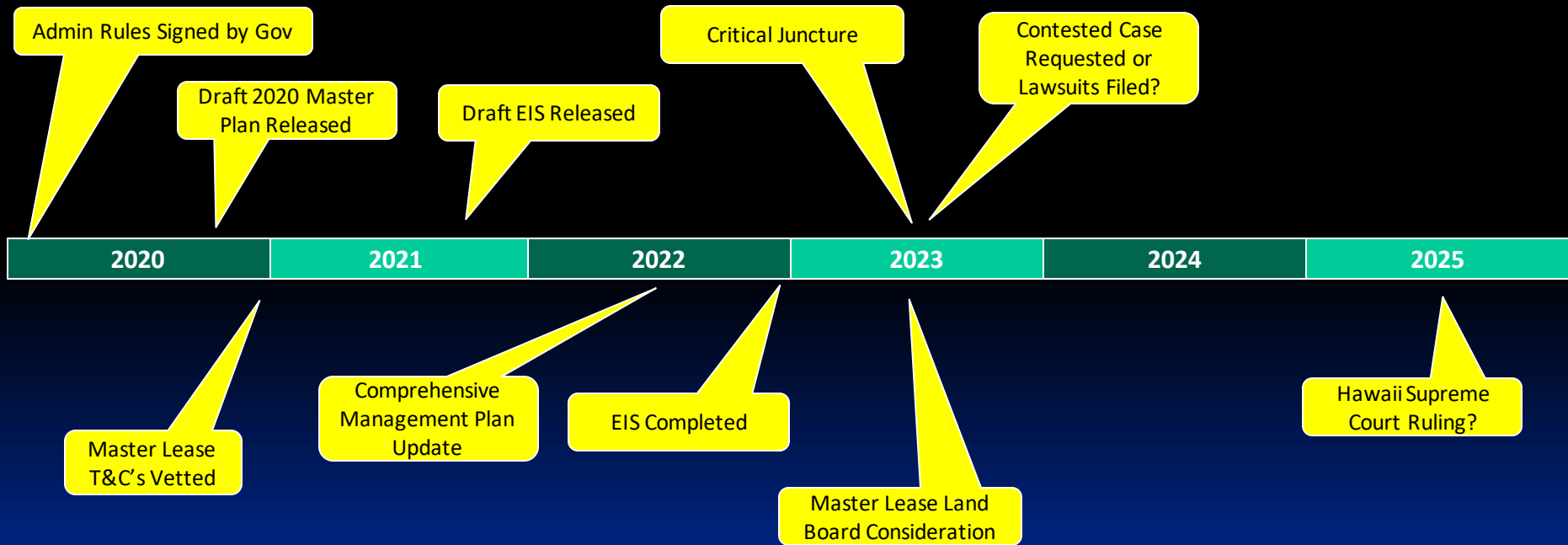


What Needs to Happen Before Land Board Approval of a New Master Lease?

- ✧ Prerequisites for MKSR Lease Renewal
 - ✧ Approval of UH administrative rules (done)
 - ✧ Completion of EIS and Governor's signature as "recipient"
 - ✧ Comprehensive Management Plan update
 - ✧ Master Plan Update (current Master Plan expires 2020)
 - ✧ Negotiation of Master Lease T&C's with MKOs and UH
- ✧ MSE will clearly factor into CFHT's negotiations for a new sublease, which will occur prior to Master Lease award to UH
- ✧ MSE permitting needs to wait until a new Master Lease is secured
 - ✧ New sublease becomes effective when new Master Lease is finalized.

underway

Master Lease Renewal Timeline



Where From Here

- ✱ The future of Maunakea astronomy reduces to 3 fundamental elements
 - ✱ Land = State/UH
 - ✱ Resources (funds, telescopes) = MKO
 - ✱ People = Community

✱ Master/sublease conflicting time constraints

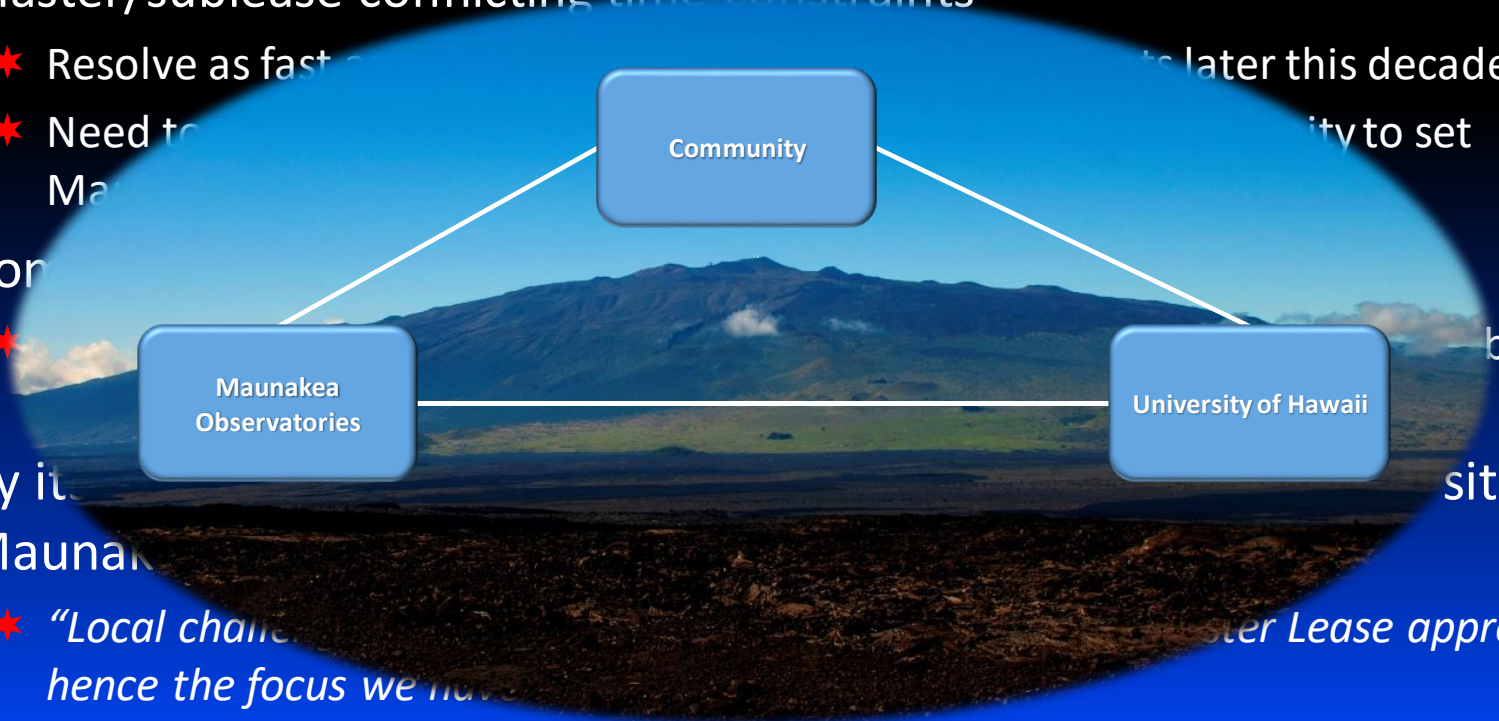
- ✱ Resolve as fast as possible, ideally by the end of the decade
- ✱ Need to have a community to set the agenda

✱ Con

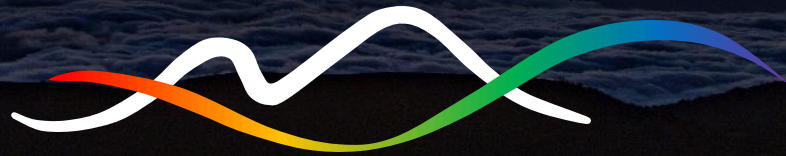
- ✱ Community members

✱ By its Maunakea site on

- ✱ "Local change" Master Lease approval, hence the focus we have



Mahalo...



Maunakea Spectroscopic Explorer