

Mauna Kea Comprehensive Management Plan

To achieve harmony, balance, and trust in the sustainable management and stewardship of the Mauna Kea Science Reserve through community involvement and programs that protect, preserve, and enhance the natural, cultural and recreational resources of Mauna Kea while providing a world class center dedicated to education, research, and astronomy.

2.2.1 Goals, Objectives, and Desired Outcomes

The goals, objectives, and desired outcomes of the CMP are consistent with the purposes and values described for State of Hawai'i Conservation District lands and OMKM's mission statement. The overarching goal of the CMP is to provide management strategies that protect, preserve, and enhance Mauna Kea's resources. The CMP was developed with the following concepts in mind:

1. Mauna Kea is a culturally significant site.
2. The high elevation areas of Mauna Kea represent a unique global resource that should be preserved for future generations.
3. Management activities will be focused on limiting the impacts of human activities on cultural and natural resources.
4. The planning and execution of resource management programs will involve input from the larger community (e.g., managers, scientists, educators, cultural practitioners, and the public).

The management actions are presented in Section 7, which is structured as four primary objectives and thirteen component plans. Each component plan has its own desired outcome, which is presented below in Table 2-1.

Table 2-1. CMP Management Objectives, Component Plans, and Desired Outcomes

7.1 Understanding and Protecting Mauna Kea's Cultural and Natural Resources
7.1.1 Native Hawaiian Culture and History Increase understanding and appreciation of Native Hawaiian history and cultural practices related to Mauna Kea to ensure that these practices are protected and respected. Identify, document the condition of, and protect historic properties in the UH Management Areas.
7.1.2 Natural Resources Increase understanding of the status of natural resources (biotic and abiotic), and identify threats to these resources in order to better protect and preserve unique geological features, ecosystem functions, subalpine and alpine habitats, and biological communities through adaptive management of stressors and threats.
7.1.3 Education and Outreach Build and maintain a constituency to engage in active and meaningful stewardship of Mauna Kea, through education and involvement of the public, to support and enhance conservation of the natural, cultural, and astronomical resources of Mauna Kea.
7.1.4 Astronomy Resources Astronomical resources must also be protected. The University's lease of the Summit Area provides that the scientific reserve shall be operated as a buffer zone to prevent intrusion of activities incompatible with the use of the land as a scientific complex or observatory. The lease recognizes light and dust interference as well as certain types of electronic installation as incompatible.

