

Appendix A. Community Engagement Record

Appendix A1. List of All Individuals and Groups Engaged

Appendix A2. Email Updates to Groups and Individuals

Appendix A2.1 2nd Email – July 23, 2020

Appendix A2.2 3rd Email – August 26, 2020

Appendix A2.3 4th Email – September 3, 2020

Appendix A2.4 5th Email – September 24, 2020

Appendix A3. List of Stakeholder Meetings

Appendix A4. Virtual Public Meetings

Appendix A5. Website: www.evaluatetheCMP.com

Appendix A6. Comments Related to the CMP Evaluation

Appendix A7. OMKM 2020 Annual Report to BLNR

Appendix A1. List of Individuals and Groups Engaged

| LAST NAME | FIRST NAME | AFFILIATION |
|-----------------|----------------|---|
| Aapai | Kahea | Mauna 'Aelike/Consensus Building 'Ohana |
| Acohido | Alexis Ann | PUEO, East Asian Observatory/JCMT |
| Adamson | Andy | Gemini Observatory |
| Agustin | Gina | Individual |
| Ah Mow-Tereise | Dawnee | Individual |
| Ah Sam | Lehua | Individual |
| Ahia | Noelani | Mauna 'Aelike/Consensus Building 'Ohana |
| Ahu Isa | Leina'ala | OHA |
| Ahuna | Daniel | OHA |
| Aila | William | DHHL |
| Akaka | Kalei | OHA |
| Akana | Laurie | Mauna 'Aelike/Consensus Building 'Ohana |
| Akao | Diana | La'i 'Ōpua 2020 |
| Akau-Gaspar | Cookie | Mauna 'Aelike/Consensus Building 'Ohana |
| Akina | Keli'i | OHA |
| Akina | Piilani | Mauna 'Aelike/Consensus Building 'Ohana |
| Akiona | Kelii | Individual |
| Alakai | Laakea | Individual |
| Albinio | Kahana | DHHL |
| Altemus | Barbara | Mauna 'Aelike/Consensus Building 'Ohana |
| Aluli | Yuklin | Individual |
| Anderson | Joyce | Mauna 'Aelike/Consensus Building 'Ohana |
| Aquino | Henry | Hawai'i State Legislature, House |
| Aquino | Laura | Current Events |
| Ashida | Lincoln | PUEO |
| Bacal | Iqin | Individual |
| Baker | Rosalyn | Hawai'i State Legislature, Senate |
| Barney-Campbell | Noenoe | Mauna 'Aelike/Consensus Building 'Ohana |
| Baybayan | Kalepa | PUEO, Kahu Ku Mauna |
| Beaudet | Brandi | Kamehameha Schools |
| Belatti | Della Au | Hawai'i State Legislature, House |
| Bergin | Billy | MKMB |
| Bezilla | Jean | Individual |
| Bhuiyan | Marufa | Everest Innovation Lab LLC |
| Bishaw | Rene | Mauna 'Aelike/Consensus Building 'Ohana |
| Blakemore | Kalena | Mauna 'Aelike/Consensus Building 'Ohana |
| Blanco | Caroline | National Science Foundation |
| Block | Kevin | Mauna 'Aelike/Consensus Building 'Ohana |
| Bluth | Jonas | Individual |
| Boboltz | Dave | National Science Foundation |
| Brandenstein | Sarah Escobido | Mauna 'Aelike/Consensus Building 'Ohana |

| LAST NAME | FIRST NAME | AFFILIATION |
|-------------------|-------------------|--|
| Bray | Ginger | Mauna 'Aelike/Consensus Building 'Ohana |
| Brower | Tom | Hawai'i State Legislature, House |
| Brown | Samson | Aupuni O Hawai'i |
| C. | Greg | Mauna 'Aelike/Consensus Building 'Ohana |
| Cabanilla Arakawa | Rida | Hawai'i State Legislature, House |
| Cachola | Romy | Hawai'i State Legislature, House |
| Cain | Michael | DLNR - Office of Conservation and Coastal Lands |
| Caldwell | Kirk | City and County of Honolulu Mayor |
| Camara | Joseph | DHHL |
| Camero | Lena | Mauna 'Aelike/Consensus Building 'Ohana |
| Carter | Keoki & Yvonne | Individual |
| Case | Ed | U.S. Congress |
| Case | Pualani | Kia'i Alaka'i |
| Case | Suzanne | DLNR |
| Ceruti | Marion | Individual |
| Chambers | Kenneth | University of Hawai'i |
| Chang | Stanley | Hawai'i State Legislature, Senate |
| Ching | Clarence | Individual |
| Chong | Ursula | Individual |
| Chu | Newton | PUEO |
| Chu | Roberta | MKMB |
| Chun | Greg | University of Hawai'i, MKMB |
| Chung | Aaron | Hawai'i County Council |
| Chung | Robert | Individual |
| Chu-Takayama | Linda | Office of the Governor |
| Clark | Linda | Individual |
| Clements | Shelly | Individual |
| Cole-Schwartz | Belinda | Individual |
| Colon | Steve | Hunt Development Group |
| Command | Iokepa | Hawai'i State Legislature, Senate |
| Cooma | Lehuanani Lilinoe | Mauna 'Aelike/Consensus Building 'Ohana |
| Cooper | Andrew | Individual |
| Cooper | Kuulei Kealoha | Wahine Apapalani Hawaiian Cultural Practitioners |
| Costa | Warren | Mauna 'Aelike/Consensus Building 'Ohana |
| Courtenay | Henry | Individual |
| Cox | David | Individual |
| Crabbe | Kamanao | The Kohala Institute at 'Iole |
| Creagan | Richard | Hawai'i State Legislature, House |
| Cullen | Ty | Hawai'i State Legislature, House |
| Curcio | Joseph | Individual |
| Currie | Thayne | NASA-Ames Research Center, Subaru Telescope |

| LAST NAME | FIRST NAME | AFFILIATION |
|-------------|------------------|--|
| Cuttance | Bobbi (Barbara) | Mauna 'Aelike/Consensus Building 'Ohana |
| Dale | Laurie | Canada-France-Hawai'i Telescope |
| DaMate | Leimana | Aha Moku Advisory Committee |
| Dancel | Sharra | Mauna 'Aelike/Consensus Building 'Ohana |
| David | Maile Medeiros | Hawai'i County Council |
| Davis | Christopher | National Science Foundation |
| Davis | Harry | Individual |
| Dawson | Sandra | TMT International Observatory |
| DeCoite | Lynn | Hawai'i State Legislature, House |
| Dela Cruz | Donovan | Hawai'i State Legislature, Senate |
| DeLeon | Earl | Mauna 'Aelike/Consensus Building 'Ohana |
| DeMello | Melissa | Mauna 'Aelike/Consensus Building 'Ohana |
| Dempsey | Jessica | East Asian Observatory - Hilo |
| Denison | Donald | Individual |
| Donnelly | Mike | U.S. Army at PTA |
| dos Santos | Jessica | Mauna 'Aelike/Consensus Building 'Ohana |
| Ebesuno | Ann | U.S. Congress |
| Edie | Shannon | Native Hawaiian Chamber of Commerce |
| Elarionoff | Leningrad | Kahu Ku Mauna |
| Eli | Stacelynn | Hawai'i State Legislature, House |
| Else | Page | Individual |
| English | Kalani | Hawai'i State Legislature, Senate |
| Eoff | Karen | Hawai'i County Council |
| Evangelista | Jhernie Ho'onani | KALO |
| Fanene | Banner | Individual |
| Fergerstrom | Blaine | Individual |
| Fergerstrom | Hanalei | Na Kupuna Moku O Keawe |
| Fevella | Kurt | Hawai'i State Legislature, Senate |
| Finley | Kyle | Individual |
| Fisher | Olan Leimomi | OHA |
| Fitzsimmons | Diane | Individual |
| Flores | E. Kalani | Individual |
| Foley | Miranda | Individual |
| Fonoimoana | Raynae | Individual |
| Freitas | Cindy | Mauna 'Aelike/Consensus Building 'Ohana |
| Fujikane | Candace | KAHEA, Mauna 'Aelike/Consensus Building 'Ohana |
| Fukutomi | Jane | Individual |
| Gabbard | Mike | Hawai'i State Legislature, Senate |
| Gabbard | Tulsi | U.S. Congress |
| Gahan | Michael | OMKM Rangers |
| Gaspar | Norman | Mauna 'Aelike/Consensus Building 'Ohana |

| LAST NAME | FIRST NAME | AFFILIATION |
|-----------------|---------------|---|
| Gates | Cedric Asuega | Hawai'i State Legislature, House |
| Gaume, Jr. | Ralph A. | National Science Foundation |
| Giasolli | Rose | Individual |
| Goldstein | Sidney | Individual |
| Gon III, Ph.D. | Sam | The Nature Conservancy in Hawai'i |
| Gonzalez | Sharron | Individual |
| Gonzalez | Sharron | Mauna 'Aelike/Consensus Building 'Ohana |
| Granite | Amber | Individual |
| Greene | Patricia | Individual |
| Griffin | Robert | Individual |
| Griffit | John | Individual |
| Griffiths | Richard | Individual |
| Grossman | Pat | Individual |
| Gutierrez | Ashley | Mauna 'Aelike/Consensus Building 'Ohana |
| Gutteling, M.D. | Edward | Individual |
| Ha | Richard | PUEO |
| Hackleman | Meredith | Mauna 'Aelike/Consensus Building 'Ohana |
| Hagadone | Mark | Individual |
| Hahn | Dale | U.S. Congress |
| Hall | Deborah | Individual |
| Hamilton | Kristen | National Science Foundation |
| Hanakahi | Jensen | Mauna 'Aelike/Consensus Building 'Ohana |
| Har | Sharon | Hawai'i State Legislature, House |
| Harden | Cory | Individual |
| Harimoto | Breene | Hawai'i State Legislature, Senate |
| Harp | Tammy | Individual |
| Harris | Joshua | Individual |
| Hartman | Ralph | Individual |
| Hashem | Mark | Hawai'i State Legislature, House |
| Hashimoto | Troy | Hawai'i State Legislature, House |
| Hayashi | Masao | Subaru Telescope |
| Hekekoa | Josh | Individual |
| Herring | Kalua | Individual |
| Hess | Sophia | Mauna 'Aelike/Consensus Building 'Ohana |
| Hirono | Mazie | U.S. Congress |
| Ho | Nelson | Sierra Club Hawai'i |
| Hocker | Jordan | Mauna 'Aelike/Consensus Building 'Ohana |
| Hoenig | Michael | Individual |
| Ho-Lastimosa | Ilima | Mauna 'Aelike/Consensus Building 'Ohana |
| Holt | Daniel | Hawai'i State Legislature, House |
| Hong | Lea | Trust for Public Lands |

| LAST NAME | FIRST NAME | AFFILIATION |
|----------------------|------------|--|
| Hong | Leslie | Individual |
| Hoover | Jacqui | Hawai'i Island Economic Development Board |
| Hurley | Tim | Star Advertiser |
| Hussey | Sylvia | OHA |
| Hustace | James | Individual |
| Ichiyama | Linda | Hawai'i State Legislature, House |
| Ihara | Les | Hawai'i State Legislature, Senate |
| Iiams | Kim | Individual |
| Inaba | Holeka | Individual |
| Inouye | Lorraine | Hawai'i State Legislature, Senate |
| Inouye | Michael | Mauna 'Aelike/Consensus Building 'Ohana |
| Irwin | Bonnie | University of Hawai'i at Hilo Chancellor |
| Isaki | Bianca | KAHEA |
| Ishibashi | Wallace | OMKM |
| Isomura | Mark | Mauna 'Aelike/Consensus Building 'Ohana |
| Iwata | Ikuru | Subaru Telescope |
| Jenkins | Jen | Individual |
| Johanson | Aaron Ling | Hawai'i State Legislature, House |
| Johnsen | Eric | Creative Solutions |
| Johnson | Kahala | Mauna 'Aelike/Consensus Building 'Ohana |
| Kaawa | Kini | Individual |
| Ka'awaloa | Pi'ilani | Aha Moku Advisory Committee |
| Kaeo | Kepa | Individual |
| Kahalua | Kirstin | Hui 'Oihana - Hawai'i Island Native Hawaiian Chamber of Commerce |
| Kahaulelio | Maxine | Mauna 'Aelike/Consensus Building 'Ohana |
| Kahawaii | John | Mauna 'Aelike/Consensus Building 'Ohana |
| Kahawaiolaa | Patrick | Keaukaha Community Association, PUEO |
| Kahele | Kaiali'i | Hawai'i State Legislature, Senate |
| Kaiama | Dexter | Individual |
| Kailiwai | Kaleo | Mauna 'Aelike/Consensus Building 'Ohana |
| Kailiwai-Ray | Debralee | Mauna 'Aelike/Consensus Building 'Ohana |
| Kakalia | Tiffnie | Individual |
| Kakazu | Yuko | Subaru Telescope |
| Kalāhiki-Weathington | Alicia | Individual |
| Kalama | Camille | Kia'i Alaka'i |
| Kale | Sunaina | Mauna 'Aelike/Consensus Building 'Ohana |
| Kalei | Nahaku | Individual |
| Kalua | Herring | Individual |
| Kaluna | Heather | PUEO |
| Kamakawiwoole | Reynolds | Individual |
| Kamakea | Dalene K | Mauna 'Aelike/Consensus Building 'Ohana |

| LAST NAME | FIRST NAME | AFFILIATION |
|------------------------|----------------|--|
| Kamiya | Paula | Individual |
| Kanahele | Pua | Edith Kanakaole Foundation, Kia'i Alaka'i |
| Kaneali'i-Kleinfelder | Matt | Hawai'i County Council |
| Kanehailua | Brenda | Individual |
| Kanuha | Dru Mamo | Hawai'i State Legislature, Senate |
| Kanuha | Kaho'okahi | Kia'i Alaka'i |
| Kapaku | Theresa | Individual |
| Kau'anoku'uipo | Esperad | Mauna 'Aelike/Consensus Building 'Ohana |
| Kawakami | Derek | Kaua'i County Mayor |
| Keahi | Paul | Mauna 'Aelike/Consensus Building 'Ohana |
| Keahonui'okalā | Hillen | Mauna 'Aelike/Consensus Building 'Ohana |
| Keith-Agaran | Gilbert | Hawai'i State Legislature, Senate |
| Kekahuna | Paula | Maku'u Farmers Association |
| Kekawa | Shalee | Mauna 'Aelike/Consensus Building 'Ohana |
| Keliikipikaneokolohaka | Roxane | Kai Palaoa |
| Keliikuli | Kamalani | Mauna 'Aelike/Consensus Building 'Ohana |
| Keli'ipule'ole | Sydney | Native Hawaiian Chamber of Commerce |
| Keohokalole | Jarrett | Hawai'i State Legislature, Senate |
| Kephart | Don | Individual |
| Kephart | Kerrill | Individual |
| Kidani | Michelle N. | Hawai'i State Legislature, Senate |
| Kierkiewicz | Ashley Leilani | Hawai'i County Council |
| Kila | Glen | Individual |
| Kim | Donna Mercado | Hawai'i State Legislature, Senate |
| Kim | Gwen | Mauna 'Aelike/Consensus Building 'Ohana |
| Kim | Harry | Hawai'i County Mayor |
| Kimura | Ka'iu | 'Imiloa Astronomy Center of Hawai'i |
| King, II | Samuel Wilder | Imua TMT |
| Kitagawa | Lisa | Hawai'i State Legislature, House |
| Kobayashi | Bertrand | Hawai'i State Legislature, House |
| Kobayashi | Dale | Hawai'i State Legislature, House |
| Kodama | Matthew | Belt Collins Hawai'i |
| Kodani | Ronald | Piihonua Hawaiian Homestead Community Assoc. |
| Kokubun | Russell | Individual |
| Kong | Sam Satoru | Hawai'i State Legislature, House |
| Kouchi | Ronald D. | Hawai'i State Legislature, Senate |
| Kualii | Brit Ka'oi | Wahine Apapalani Hawaiian Cultural Practitioners |
| Kudo | Ben | University of Hawai'i, Board of Regents Chair |
| Kurokawa | John | Individual |
| Lagua | Kanani | Mauna 'Aelike/Consensus Building 'Ohana |
| Lankford-Faborito | Lu Ann Mahiki | Makaha Hawaiian Civic Club |

| LAST NAME | FIRST NAME | AFFILIATION |
|-----------------|--------------------|---|
| Lapilio | Joseph | Native Hawaiian Chamber of Commerce |
| Laros | Wendy | Kona-Kohala Chamber of Commerce |
| Lassner | David | University of Hawai'i |
| Lau | Wally | Kahu Ku Mauna |
| Lee | Brendon Kalei'āina | OHA |
| Lee | Chris | Hawai'i State Legislature, House |
| Lee | David | Individual |
| Lee | Kimo | Kahu Ku Mauna |
| Lee | Victoria | Individual |
| Lee Loy | Susan "Sue" | Hawai'i County Council |
| Leialoha | Julie | MKMB |
| Leialoha | Leona | Mauna 'Aelike/Consensus Building 'Ohana |
| Lemmo | Sam | DLNR - Office of Conservation and Coastal Lands |
| Leonardi | Luwella | WestSide Arts |
| LeVitt | Ralph | Individual |
| Lindsey | Carmen Hulu | OHA |
| Lindsey | Ekini | Mauna 'Aelike/Consensus Building 'Ohana |
| Lindsey | Robert L. | OHA |
| Linnolt | Michael | Mauna 'Aelike/Consensus Building 'Ohana |
| Liquorish | Ayesha | Mauna 'Aelike/Consensus Building 'Ohana |
| Lo | Nanea | Mauna 'Aelike/Consensus Building 'Ohana |
| Lonborg | David | Institute for Astronomy |
| Long | Ilima | Kia'i Alaka'i |
| Loo | Shannon Tam | Mauna 'Aelike/Consensus Building 'Ohana |
| Lowe | Richard | Individual |
| Lowen | Nicole | Hawai'i State Legislature, House |
| Luke | Sylvia | Hawai'i State Legislature, House |
| Lupenui-Corpuz | Kekoa | Mauna 'Aelike/Consensus Building 'Ohana |
| Lyman | Charlotte | Mauna 'Aelike/Consensus Building 'Ohana |
| Maberry | Mike | Institute for Astronomy - Maui |
| Machado | Colette | OHA |
| Makaneole-Bragg | Genesis | Mauna 'Aelike/Consensus Building 'Ohana |
| Manguuil | Lanakila | Kia'i Alaka'i |
| Manuel | Nana | Individual |
| Manuia | Wilene | Individual |
| Maoli | Kanaka | Mauna 'Aelike/Consensus Building 'Ohana |
| Marston | Allison | Mauna 'Aelike/Consensus Building 'Ohana |
| Martin | Malia | Imua TMT |
| Martins | Marty | Mauna 'Aelike/Consensus Building 'Ohana |
| Masuda | Robert | DLNR |
| Matayoshi | Scot | Hawai'i State Legislature, House |

| LAST NAME | FIRST NAME | AFFILIATION |
|---------------|--------------|--|
| Matsuda | Rich | W. M. Keck Observatory |
| Matsumoto | Lauren | Hawai'i State Legislature, House |
| Matthews | Titus | Mauna 'Aelike/Consensus Building 'Ohana |
| May | Deborah | Mauna 'Aelike/Consensus Building 'Ohana |
| Maynard | Robert | Individual |
| Maynard | Verna | Individual |
| McCallum | Brenda | Mauna 'Aelike/Consensus Building 'Ohana |
| McDermott | Bob | Hawai'i State Legislature, House |
| McFarlane | Fay | Mauna 'Aelike/Consensus Building 'Ohana |
| McGregor | Davianna | University of Hawai'i |
| McHenry | Laura | Mauna 'Aelike/Consensus Building 'Ohana |
| McKelvey | Angus | Hawai'i State Legislature, House |
| McLaren | Bob | Institute for Astronomy |
| Mcpeek | Michelangelo | Mauna 'Aelike/Consensus Building 'Ohana |
| McShane | Edward | Individual |
| Meade | Erik | Individual |
| Medeiros | Drew | Individual |
| Medeiros | Michelle | Individual |
| Medeiros, Jr. | Clarence A | Individual |
| Meyer | Judy | Individual |
| Minakami | Steven | Individual |
| Misalucha | Bennette | Hawai'i State Legislature, Senate |
| Misner | Jerry | Individual |
| Mizuno | John | Hawai'i State Legislature, House |
| Moke-Sakamoto | Khaila | Wahine Apapalani Hawaiian Cultural Practitioners |
| Moore | Kevin | DLNR - Land Division |
| Morikawa | Dee | Hawai'i State Legislature, House |
| Moriwaki | Sharon Y. | Hawai'i State Legislature, Senate |
| Mountain | Matt | Aura Astronomy |
| Mueller | Liana | Mauna 'Aelike/Consensus Building 'Ohana |
| Muneoka | Lauren | KAHEA |
| Muneoka | Shelley | KAHEA |
| Murphy | Shannon | Individual |
| Naauao | Kailani | Mauna 'Aelike/Consensus Building 'Ohana |
| Nabeshima | Douglas | Mauna 'Aelike/Consensus Building 'Ohana |
| Nagata | Stephanie | OMKM |
| Naipo | U'ilani | Kahu Ku Mauna |
| Nakamura | Nadine | Hawai'i State Legislature, House |
| Nakashima | Mark | Hawai'i State Legislature, House |
| Naleimaile | Sean | SHPD |
| Narikawa | Logan | KAHEA |

| LAST NAME | FIRST NAME | AFFILIATION |
|----------------|---------------|--|
| Neal | Mailani | PUEO, TMT |
| Nehmad | Robert | Individual |
| Neves | Paul | Royal Order of Kamehameha |
| Ney | Chloe | Mauna 'Aelike/Consensus Building 'Ohana |
| Nishida | Teri | Mauna 'Aelike/Consensus Building 'Ohana |
| Nishihara | Clarence | Hawai'i State Legislature, Senate |
| Nishimoto | Scott | Hawai'i State Legislature, House |
| Noa | Theresa | Individual |
| Noumaru | Junichi | Subaru Telescope |
| Nuss | Lala | Individual |
| Ohara | Veronica | Individual |
| O'Hara | Brian | Individual |
| Ohno | Takashi | Hawai'i State Legislature, House |
| Okawa | Emmy | Individual |
| Okimoto | Val | Hawai'i State Legislature, House |
| Onishi | Richard | Hawai'i State Legislature, House |
| Ono | Hugh | Individual |
| Onodera | Brialyn | PUEO |
| Oshiro | Janie | Individual |
| Osorio | Jon | KAHEA |
| Pacheco | Rob | Hawai'i Forest & Trail |
| Pahia | Ulu | Individual |
| Pahinui | Aleka | Mauna 'Aelike/Consensus Building 'Ohana |
| Paik | Linda Kaleo | Individual |
| Paiva | Paul "Scotty" | OMKM Rangers |
| Palacat-Nelsen | Shane Akoni | Kahu Ku Mauna |
| Pang | Frankie | Individual |
| Patolo | Kahaka | Mauna 'Aelike/Consensus Building 'Ohana |
| Paul | Julia | Mauna 'Aelike/Consensus Building 'Ohana |
| Pearce | Karen | National Science Foundation |
| Peck | Theodore | Individual |
| Perez | Andre | Kia'i Alaka'i |
| Perruso | Amy | Hawai'i State Legislature, House |
| Pesce | Joseph | National Science Foundation |
| Peterson | Nanipua | Individual |
| Phillip | Barbara | Mauna 'Aelike/Consensus Building 'Ohana |
| Pisciotta | Kealoha | Mauna Kea Anaina Hou, Mauna Kea Hui, Mauna Kea Moku Nui 'Aelike/Consensus Building 'Ohana |
| Poindexter | Valerie T. | Hawai'i County Council |
| Poole | Darrell | Individual |
| Poston | Ray | Individual |

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|------------------|----------------------|---|
| Powers | John | Individual |
| Quinlan | Sean | Hawai'i State Legislature, House |
| Razo | Nathalie | PBR Hawai'i |
| Redulla | Jason | DLNR - Division of Conservation and Resources Enforcement |
| Rhoads | Karl | Hawai'i State Legislature, Senate |
| Richards | Herbert M. "Tim" III | Hawai'i County Council |
| Riviere | Gil | Hawai'i State Legislature, Senate |
| Robinson | Ranette | Mauna 'Aelike/Consensus Building 'Ohana |
| Rocker | Richard | Individual |
| Rodriguez | Josiah | Mauna 'Aelike/Consensus Building 'Ohana |
| Rogers | Alice | Individual |
| Rogers | Crystal | Belt Collins Hawai'i |
| Rojo | Rowena | Mauna 'Aelike/Consensus Building 'Ohana |
| Romo | Rodrigo | Individual |
| Rose | Jeri | Individual |
| Roseguo | Katherine | Individual |
| Rosier | Susan | Individual |
| Ruderman | Russell E. | Hawai'i State Legislature, Senate |
| Sabas-Goto | Jennifer | Individual |
| Saffery | Lynda | Mauna 'Aelike/Consensus Building 'Ohana |
| Saiki | Scott | Hawai'i State Legislature, House |
| Sakamoto | Nancy | Kailua Village Business Improvement District |
| Salle | Nadine Tenn | Individual |
| San Buenaventura | Joy | Hawai'i State Legislature, House |
| Sanders | Davina | Mauna 'Aelike/Consensus Building 'Ohana |
| Say | Calvin | Hawai'i State Legislature, House |
| Schatz | Brian | U.S. Congress |
| Schryer | Curtis | Individual |
| Schwartz | Susan | Individual |
| Scott | Noe | Hui Mālama Ola Nā 'Ōiwi |
| Seiple | Ron | Individual |
| Shimabukuro | Maile | Hawai'i State Legislature, Senate |
| Shimose | Robbie Ann | Mauna 'Aelike/Consensus Building 'Ohana |
| Shizuma | David | Mauna 'Aelike/Consensus Building 'Ohana |
| Silva | Makana | Imua TMT |
| Simons | Doug | Canada-France-Hawai'i Telescope, MKMB |
| Sing | David | Individual |
| Small | Barbara | Individual |
| Smith | Daniel | Individual |
| Smith | David | DLNR - Division of Forestry and Wildlife |
| Sonoda-Pale | Melinda | Mauna 'Aelike/Consensus Building 'Ohana |

| LAST NAME | FIRST NAME | AFFILIATION |
|-------------|----------------------------|--|
| Souki | Jesse | University of Hawai'i |
| Spain | Lisa | 'Imiloa Astronomy Center of Hawai'i |
| Spencer | Lahea | Mauna 'Aelike/Consensus Building 'Ohana |
| Springer | Hannah | Individual |
| Steele | Jeff | Individual |
| Steiner | William Moekahi | Pacific Agricultural Land Management Systems |
| Still | Martin | National Science Foundation |
| Stone, Jr. | "Kimo" James Mauiola Keaka | Imua TMT, Individual |
| Stormont | Kayla | Individual |
| Strawbridge | Camille | Mauna 'Aelike/Consensus Building 'Ohana |
| Strickland | Tom | Individual |
| Stuard | Norman | Individual |
| Sullivan | Maura | Mauna 'Aelike/Consensus Building 'Ohana |
| Suzuki | Rona | Individual |
| Taber | Gerald | Mauna 'Aelike/Consensus Building 'Ohana |
| Takayama | Gregg | Hawai'i State Legislature, House |
| Takumi | Roy | Hawai'i State Legislature, House |
| Tanaka | Ichi | NAOJ (Subaru) |
| Taniguchi | Brian | Hawai'i State Legislature, Senate |
| Tarnas | David | Hawai'i State Legislature, House |
| Teale | Laulani | Mauna 'Aelike/Consensus Building 'Ohana |
| Terry | Ron | Individual |
| Thielen | Cynthia | Hawai'i State Legislature, House |
| Thielen | Laura | Hawai'i State Legislature, Senate |
| Thomas | Steven | Mauna 'Aelike/Consensus Building 'Ohana |
| Tigue | Margaret | Individual |
| Tipton | Chris | Individual |
| Todd | Chris | Hawai'i State Legislature |
| Tokioka | James Kunane | Hawai'i State Legislature |
| Tokunaga | Alan | Institute for Astronomy (retired) |
| Townsend | Marti | Sierra Club of Hawai'i |
| Trask | Damien-Marie Onaona | Wahine Apapalani Hawaiian Cultural Practitioners |
| Trask | Kaiana | Wahine Apapalani Hawaiian Cultural Practitioners |
| Trask | Mililani | Wahine Apapalani Hawaiian Cultural Practitioners |
| Trask-Batti | Kalae Olaa | Wahine Apapalani Hawaiian Cultural Practitioners |
| Trask-Batti | Lakea | Wahine Apapalani Hawaiian Cultural Practitioners |
| Trent | Lee | Individual |
| Trent | Tyler | PUEO/ImuaTMT |
| Tsuji | Russell | DLNR - Land Division |
| Tully | Brent | Individual |
| Tzimeas | Ruby | Kona Hiking Club |

| LAST NAME | FIRST NAME | AFFILIATION |
|-------------|-------------------------|---|
| Unga | Sunny | Mauna 'Aelike/Consensus Building 'Ohana |
| Uyeshiro | Robin | Individual |
| Valdez | Ashelyn | Individual |
| Van De Car | Diana | MKMB |
| Victorino | Michael P. | Maui County Mayor |
| Villegas | Rebecca | Hawai'i County Council |
| Waihe'e | John D. IV | OHA |
| Waipa | DuWayne | OMKM Rangers |
| Waipa | W. Mapuana | PUEO |
| Wakai | Glenn | Hawai'i State Legislature, Senate |
| Walker | Daniel | Individual |
| Walton | Tom | Individual |
| Ward | Debbie | Sierra Club of Hawai'i |
| Ward | Gene | Hawai'i State Legislature, House |
| Ward | Laurence | Individual |
| Warfield | Keahi | PUEO |
| Warrington | Nako'o | Kahu Ku Mauna |
| Watai | Lynette | Mauna 'Aelike/Consensus Building 'Ohana |
| Watkins | James | Individual |
| Weirech | Jeremy | Aura Astronomy |
| Wells | Lisa Ann | Canada-France-Hawai'i Telescope |
| Wheeler | Leimomi | Mauna 'Aelike/Consensus Building 'Ohana |
| White | Kelly | Individual |
| Wiig | Howard | Hawai'i State Energy Office |
| Wildberger | Tina | Hawai'i State Legislature, House |
| Wilkinson | Mary | Individual |
| Willauer | Eliot | Individual |
| Williams | Terrill James Kaneali'i | Mauna 'Aelike/Consensus Building 'Ohana |
| Wilson | Ernie | University of Hawai'i, Board of Regents |
| Wilson | Patricia | Individual |
| Wilson | Ross | Current Events |
| Wise | Taffi | Kanu o ka 'Āina Learning 'Ohana |
| Witherspoon | Caroline | Becker Communications |
| Wong | Jack | Kamehameha Schools |
| Wong-Kalu | Hinaleimoana | OIBC |
| Wong-Wilson | Noe Noe | Kia'i Alaka'i |
| Woodson | Justin | Hawai'i State Legislature, House |
| Wurdeman | Richard Naiwi | Individual |
| Yamane | Ryan | Hawai'i State Legislature, House |
| Yamashita | Kyle | Hawai'i State Legislature, House |
| Yang | Henry | TMT International Observatory |

| LAST NAME | FIRST NAME | AFFILIATION |
|-----------|------------|---|
| Yap | Kehau | U.S. Congress |
| Yoshina | Joy | Individual |
| Young | Charlie | Aha Moku Advisory Committee |
| Young | Tatiana | Mauna 'Aelike/Consensus Building 'Ohana |

Appendix A2. Email Updates to Groups and Individuals

Kanani Kealalio

From: Kanani Kealalio
Sent: Friday, May 15, 2020 6:13 PM
Cc: 'Dawn Chang'
Subject: Mauna Kea CMP Independent Evaluation
Attachments: Kuiwalu Introduction Letter (5-15-20).pdf; DLNR Release -Mauna Kea CMP Independent Evaluation 5-15-20.pdf; 2496161_1_MKCMP April 2009.pdf; 2496160_1_MKCMP Appendices April 2009.pdf

Sent on behalf of Dawn Chang:

May 15, 2020

Aloha,

I would like to share with you the announcement made by the Department of Land and Natural Resources (DLNR) related to the review of the Mauna Kea Comprehensive Management Plan (CMP).

Attachments: 1. Introduction Letter
2. DLNR Release
3. CMP (April 2009)
4. CMP Appendices (April 2009)

Me ka ha'aha'a,
Dawn

Dawn N.S. Chang, Esq.,

Principal, Ku'iwalu Consulting, P.O. Box 6280, Kaneohe, HI 96744
D: (808) 539-3583, E: dnschang@kuiwalu.com , www.kuiwalu.com



May 15, 2020

Aloha Kākou,

I hope all is well. The Department of Land and Natural Resources (DLNR) just announced that it will begin review of the Mauna Kea Comprehensive Management Plan (CMP). Attached is a copy of the News Release for your information.

In 2009, the Board of Land and Natural Resources approved the CMP. Ku'iwalu Consulting led a team to prepare and seek approval of the CMP. The CMP covers the state conservation lands currently under lease to the University of Hawaii (UH). The UH managed leased lands include approximately 10,700 acres designated as Natural/Cultural Preservation Area and 525 acres in the Astronomy Precinct. The goal of the CMP was to provide the UH, specifically the Office of Maunakea Management, with recommendations to effectively and efficiently manage the uses and activities on Mauna Kea in a way that will preserve and protect its cultural and natural resources. Attached for your information is a copy of the CMP.

Taking into consideration that the UH lease will expire in 2033, UH is seeking renewal of its 65-year-long lease and conducting their mandatory five-year review of the CMP. DLNR had sought a consultant to prepare an independent evaluation of whether Mauna Kea is being effectively managed. Ku'iwalu has been contracted by DLNR to conduct the independent evaluation that will include a culturally sensitive and robust community engagement process consistent with the Governor's Proclamation on social distancing, to gather as much input as possible on the UH's implementation of the CMP. The input gathered during the engagement process will be incorporated into the report.

We are reaching out to you because you have either participated in the development process of the CMP or you are a community stakeholder. We are only at the beginning of our process, but we wanted to keep you informed of this important project. We will be providing you with more updates and information on how you can provide input.

E Mālama Pono,

Dawn N.S. Chang, Esq.
Principal



DEPARTMENT OF LAND AND NATURAL RESOURCES

DAVID Y. IGE
GOVERNOR

SUZANNE D. CASE
CHAIRPERSON

FOR IMMEDIATE RELEASE

May 15, 2020

DLNR BEGINS PARALLEL REVIEW OF MAUNA KEA COMPREHENSIVE MANAGEMENT PLAN

(Honolulu) – In order to provide the DLNR and the Board of Land and Natural Resources relevant information, including community input, into whether Mauna Kea is being effectively managed, the department is launching an independent evaluation of the University of Hawai'i's (UH) compliance with the Mauna Kea Comprehensive Management Plan (CMP).

According to DLNR Chair Suzanne Case this evaluation will parallel the mandatory five-year review of the Comprehensive Management Plan currently underway by UH. The review will evaluate the efficiency of UH management and specifically its Office of Mauna Kea Management (OMKM). The DLNR review will also include an assessment of the governance structure in managing the cultural and natural resources within areas on the mountain for which UH/OMKM are responsible.

Case remarked, "This process will ensure a thorough review that includes multiple points of view and provides an independent evaluation for the Land Board."

UH leases approximately 11,000 acres of State lands on Mauna Kea, of which 525 acres is in the Astronomy Precinct and 10,700 acres are designated as Natural/Cultural Preservation Area. The Comprehensive Management Plan covers all of the UH leased land.

DLNR has contracted with Ku'iwalu Consulting for the review. It will include a culturally sensitive and robust community engagement process to gather as much input as possible on UH's implementation of the Comprehensive Management Plan. This input will be incorporated into the report.

UH is seeking renewal of its 65-year-long lease. Its current Comprehensive Management Plan was approved by the Board of Land and Natural Resources in 2009. The DLNR review is expected to be completed by the end of this calendar year. Chair Case notes that the independent evaluation is not a report on the proposed Thirty Meter Telescope (TMT).

###

RESOURCES

(All images/video Courtesy: DLNR)

HD video: Top of Mauna Kea (9-25-16)

<https://vimeo.com/184293366>

Photographs: Mid Mountain

https://www.dropbox.com/sh/ccm4i07vfacsyr/AABhn_ZFna4cBMyX_8KRtYNsa?dl=0

Viewed from Mauna Loa:

<https://www.dropbox.com/sh/dfzoaimo8kwrfe/AABEDBvXIIpJTYmju4OWvtla?dl=0>

Media Contact:

Dan Dennison

Senior Communications Manager

(808) 587-0396

DLnr.comms@hawaii.gov

Appendix A2.1

Kanani Kealalio

From: Kanani Kealalio
Sent: Thursday, July 23, 2020 10:47 AM
Cc: 'Dawn Chang'
Subject: Share Your Mana'o on the Implementation of the Mauna Kea CMP
Attachments: Website Launch Letter (7-23-20).pdf

Sent on behalf of Dawn Chang:

July 23, 2020

Aloha,

We've launched our Project Website and Facebook page regarding the Independent Evaluation of the University of Hawai'i's Implementation of the CMP. Please take a look at the attached Website Launch Letter and Share Your Mana'o!

Holomua!
Dawn

Dawn N.S. Chang, Esq.,
Principal, Ku'iwalu Consulting, P.O. Box 6280, Kaneohe, HI 96744
D: (808) 539-3583, E: dnschang@kuiwalu.com, www.kuiwalu.com
REMEMBER TO VOTE



July 23, 2020

‘Ano‘ai kākou,

On May 15, 2020, we announced that the Ku‘iwalu Project team was conducting the independent evaluation of the University of Hawai‘i’s (UH) implementation of the Mauna Kea Comprehensive Management Plan (CMP). This independent review is being conducted on behalf of DLNR (hereinafter referred to as “DLNR’s independent evaluation”) who has jurisdiction over UH’s General Lease No. S-4191 which expires in 2033.

The purpose of DLNR’s independent evaluation is to assess the effectiveness of the UH and more specifically, the Office of Mauna Kea Management (OMKM) in its implementation of the CMP. This evaluation will assess UH’s efficiency and its governance structure in managing the cultural and natural resources within the UH management areas under the CMP. The UH management areas consists of 11,288 acres of state conservation district land that includes the Mauna Kea Science Reserve, the Summit Access Road, and Hale Pohaku.

In 2009, the Board of Land and Natural Resources (BLNR) approved the CMP. DLNR’s independent evaluation is intended to provide BLNR with not only a technical assessment of UH’s implementation of the CMP management actions but just as important, the community’s assessment of UH’s management of Mauna Kea. Absent this independent evaluation, the BLNR will only have UH’s Annual Progress Reports and Five-Year Outcome Analysis Report. Accordingly, your input is especially important and you are invited to participate in this evaluation.

With this letter, we are pleased to announce the launch of our [Project Website](http://evaluatetheCMP.com) (evaluatetheCMP.com) and [Facebook](https://www.facebook.com/ShareYourMana) page (Share Your Mana‘o on the Mauna Kea CMP). The website has been designed to provide easy access to the CMP, reference documents provided by UH, and additional resources and information related to Mauna Kea. On the website you’ll find a description of the evaluation process, ways you can comment and give input during the process, and updates as we proceed. Be sure to check back often, as we’re planning to post informal surveys to gauge respondents’ sentiments on particular questions. Periodically, we will post short videos that we hope will be helpful in gaining a better understanding of the evaluation process, and more importantly why your mana‘o is so important.

We encourage you and your ‘ohana to visit the website, learn more about Mauna Kea, and leave us a comment.

E Malama Pono,

Dawn N.S. Chang, Esq.
Principal

Appendix A2.2

Kanani Kealalio

From: Dawn Chang
Sent: Wednesday, August 26, 2020 6:24 PM
To: [REDACTED]
Cc: Kanani Kealalio
Subject: FW: Update on DLNR's Independent Evaluation of the Mauna Kea CMP

August 26, 2020

Ano'ai Kākou,

This is an update on the Independent Evaluation of the University of Hawai'i's (UH) implementation of the Mauna Kea CMP that we are conducting on behalf of the Department of Land and Natural Resources (DLNR). In addition to the technical evaluation, we believe that it is important for both the DLNR and the Board of Land and Natural Resources to hear what the community has to say on UH's management of Mauna Kea. We are trying to engage the community in as many different ways as possible given the restrictions under COVID-19.

- Over the last couple of months we've been meeting virtually and having tele-conferences with key stakeholders, including representatives from the UH entities responsible for implementing the CMP, Native Hawaiian Organizations, Observatories, and others. We will continue to be available to meet with stakeholders until the end of September 18;
- We've also developed a dedicated website (evaluatetheCMP.com) that provides information and an opportunity to share your mana'o. Recently, we've added some community polls to the website. We encourage you to visit the website, take the polls, and leave a comment;
- Many had recommended that we also engage the community through social media; check out our Facebook page ([@evaluatemaunakeacmp](https://www.facebook.com/evaluatemaunakeacmp)); and
- We'll be convening three public virtual meetings to update the community and gather input before we begin drafting the Independent Evaluation Report. Check the website for further updates on the public meetings.
 - Tuesday, September 29 from 6:00 – 8:00 p.m.;
 - Thursday, October 1 from 11:00 a.m. – 1:00 p.m.; and
 - Saturday, October 3 from 9:30 – 11:30 a.m.
- To ensure that your comments will be considered in final report, please submit them by October 16, 2020;
- **Please share this information.**

Be safe and be well.
E Malama Pono,
Dawn

Dawn N.S. Chang, Esq.,

Principal, Ku'iwalu Consulting, P.O. Box 6280, Kaneohe, HI 96744
D: (808) 539-3583, E: dnschang@kuiwalu.com, www.kuiwalu.com
www.evaluatetheCMP.com

Appendix A2.3

Kanani Kealalio

From: Kanani Kealalio
Sent: Thursday, September 3, 2020 8:29 AM
Cc: 'Dawn Chang'
Subject: Upcoming Community Meetings on DLNR's Independent Evaluation of the Mauna Kea CMP

Sent on behalf of Dawn Chang:

September 3, 2020

Aloha,

We have scheduled three virtual community meetings on the Independent Evaluation of UH's Implementation of the Mauna Kea CMP. During the three meetings we will provide a brief overview of the evaluation process, but the main purpose of these meetings will be to gather input from the community on UH's management of Mauna Kea. The meeting dates are as follows:

Community Meeting #1 – Tuesday, September 29, 2020 at 6:00 p.m. – 8:00 p.m. ([Click here](#) to register for Community Meeting #1)

Community Meeting #2 – Thursday, October 1, 2020 at 11:00 a.m. – 1:00 p.m. ([Click here](#) to register for Community Meeting #2)

Community Meeting #3 – Saturday, October 3, 2020 at 9:30 a.m. – 11:30 a.m. ([Click here](#) to register for Community Meeting #3)

We hope you are able to attend one of the meetings, as your input is important to not only the current management of Mauna Kea but for future management of Mauna Kea as well.

We have also added some brief polls to our website where you can click on any of the Management Actions and Share Your Mana'o. [Click here](#) to participate in our informal community polls.

Remember to check our [Website](#) and [Facebook](#) page for the latest updates and don't forget to register for one of the upcoming community meetings.

Holomua!

Dawn

Dawn N.S. Chang, Esq.,

Principal, Ku`iwalu Consulting, P.O. Box 6280, Kaneohe, HI 96744
D: (808) 539-3583, E: dnschang@kuiwalu.com , www.kuiwalu.com

Website: www.evaluatetheCMP.com

Facebook: [@evaluatemauakeacmp.com](https://www.facebook.com/evaluatemauakeacmp)

Appendix A2.4

Kanani Kealalio

From: Kanani Kealalio
Sent: Thursday, September 24, 2020 8:56 PM
Cc: 'Dawn Chang'
Subject: REMINDER: Register for Upcoming Community Meetings on DLNR's Independent Evaluation of the Mauna Kea CMP
Attachments: Community Meeting Agenda for Mauna Kea CMP.pdf

Sent on behalf of Dawn Chang:

Aloha,

Just a reminder of the upcoming community meetings on DLNR's Independent Evaluation of the Mauna Kea CMP (agenda attached). Please be sure to register in advance by using one of the meeting links in the email below.

Mahalo,
Dawn

From: Kanani Kealalio
Sent: Thursday, September 3, 2020 8:30 AM
Cc: 'Dawn Chang'
Subject: Upcoming Community Meetings on DLNR's Independent Evaluation of the Mauna Kea CMP

Sent on behalf of Dawn Chang:

September 3, 2020

Aloha,

We have scheduled three virtual community meetings on the Independent Evaluation of UH's Implementation of the Mauna Kea CMP. During the three meetings we will provide a brief overview of the evaluation process, but the main purpose of these meetings will be to gather input from the community on UH's management of Mauna Kea. The meeting dates are as follows:

Community Meeting #1 – Tuesday, September 29, 2020 at 6:00 p.m. – 8:00 p.m. ([Click here](#) to register for Community Meeting #1)

Community Meeting #2 – Thursday, October 1, 2020 at 11:00 a.m. – 1:00 p.m. ([Click here](#) to register for Community Meeting #2)

Community Meeting #3 – Saturday, October 3, 2020 at 9:30 a.m. – 11:30 a.m. ([Click here](#) to register for Community Meeting #3)

We hope you are able to attend one of the meetings, as your input is important to not only the current management of Mauna Kea but for future management of Mauna Kea as well.

We have also added some brief polls to our website where you can click on any of the Management Actions and Share Your Mana'o. [Click here](#) to participate in our informal community polls.

Remember to check our [Website](#) and [Facebook](#) page for the latest updates and don't forget to register for one of the upcoming community meetings.

Holomua!

Dawn

Dawn N.S. Chang, Esq.,

Principal, Ku'iwalu Consulting, P.O. Box 6280, Kaneohe, HI 96744

D: (808) 539-3583, E: dnschang@kuiwalu.com , www.kuiwalu.com

Website: www.evaluateTheCMP.com

Facebook: [@evaluatemaunakeacmp.com](https://www.facebook.com/evaluatemaunakeacmp)

Appendix A3. List of Stakeholder Meetings

| LAST NAME | FIRST NAME | AFFILIATION |
|----------------|---------------|--|
| Adamson | Andy | Gemini Observatory |
| Aila | William | DHHL |
| Ashida | Lincoln | PUEO |
| Baybayan | Kalepa | Kahu Ku Mauna, PUEO |
| Bergin | Billy | MKMB |
| Blanco | Caroline | National Science Foundation |
| Boboltz | Dave | National Science Foundation |
| Cain | Michael | DLNR - Office of Conservation and Coastal Lands |
| Case | Pualani | Kia'i Alaka'i |
| Chu | Roberta | MKMB |
| Chu | Newton | PUEO |
| Chun | Greg | University of Hawai'i, MKMB |
| Currie | Thayne | NASA-Ames Research Center, Subaru Telescope |
| DaMate | Leimana | Aha Moku Advisory Committee |
| Davis | Christopher | National Science Foundation |
| Dempsey | Jessica | East Asian Observatory - Hilo |
| Edie | Shannon | Native Hawaiian Chamber of Commerce |
| Elarionoff | Leningrad | Kahu Ku Mauna |
| Flores | E. Kalani | Individual |
| Fujikane | Candace | KAHEA |
| Gahan | Michael | OMKM Rangers |
| Gaume, Jr. | Ralph A. | National Science Foundation |
| Ha | Richard | PUEO |
| Hahn | Dale | U.S. Congress |
| Irwin | Bonnie | University of Hawai'i at Hilo Chancellor |
| Isaki | Bianca | KAHEA |
| Ishibashi | Wally | OMKM |
| Ka'awaloa | Pi'ilani | Aha Moku Advisory Committee |
| Kahaloa | Kirstin | Hui 'Oihana - Hawai'i Island Native Hawaiian Chamber of Commerce |
| Kalama | Camille | Kia'i Alaka'i |
| Kaluna | Heather | PUEO |
| Kanuha | Kaho'okahi | Kia'i Alaka'i |
| Keli'ipule'ole | Sydney | Native Hawaiian Chamber of Commerce |
| Kimura | Ka'iu | 'Imiloa Astronomy Center of Hawai'i |
| King, II | Samuel Wilder | Imua TMT |
| Kudo | Ben | University of Hawai'i Board of Regents Chair |
| Lassner | David | University of Hawai'i |
| Lau | Wally | Kahu Ku Mauna |
| Lee | Kimo | Kahu Ku Mauna |
| Leialoha | Julie | MKMB |
| Lonborg | David | Institute for Astronomy |
| Long | Ilima | Kia'i Alaka'i |
| Martin | Malia | Imua TMT |
| Matsuda | Rich | W. M. Keck Observatory |
| McLaren | Bob | Institute for Astronomy |
| Mountain | Matt | Aura Astronomy |
| Moore | Kevin | DLNR - Land Division |
| Muneoka | Lauren | KAHEA |
| Muneoka | Shelley | KAHEA |

| LAST NAME | FIRST NAME | AFFILIATION |
|----------------|----------------------------|--|
| Nagata | Stephanie | OMKM |
| Naipo | U'ilani | Kahu Ku Mauna |
| Naleimaile | Sean | SHPD |
| Narikawa | Logan | KAHEA |
| Neal | Mailani | Imua TMT, PUEO |
| Osorio | Jon | KAHEA |
| Pacheco | Rob | Hawai'i Forest & Trail |
| Paiva | Paul "Scotty" | OMKM Rangers |
| Palacat-Nelsen | Shane Akoni | Kahu Ku Mauna |
| Perez | Andre | Kia'i Alaka'i |
| Pesce | Joseph | National Science Foundation |
| Redulla | Jason | DLNR - DOCARE |
| Saiki | Scott | Hawai'i State Legislature, House |
| Silva | Makana | Imua TMT |
| Simons | Doug | Canada France Hawai'i Telescope, MKMB |
| Smith | David | DLNR - Division of Forestry and Wildlife |
| Spain | Lisa | 'Imiloa Astronomy Center of Hawai'i |
| Still | Martin | National Science Foundation |
| Stone, Jr. | "Kimo" James Mauiola Keaka | Imua TMT |
| Trask | Mililani | Wahine Apapalani Hawaiian Cultural Practitioners |
| Trent | Tyler | Imua TMT |
| Tsuji | Russell | DLNR - Land Division |
| Van De Car | Diana | MKMB |
| Waipa | DuWayne | OMKM Rangers |
| Warfield | Keahi | PUEO |
| Warrington | Nako'o | Kahu Ku Mauna |
| Wong-Kalu | Hinaleimoana | OIBC |
| Wong-Wilson | Noe Noe | Kia'i Alaka'i |
| Yang | Henry | TMT International Observatory |
| Young | Charlie | Aha Moku Advisory Committee |

Appendix A4. Virtual Public Meetings

Virtual Public Meeting #1 Registration List Tuesday, September 29, 2020 - 6:00 P.M. - 8:00 P.M.

| LAST NAME | FIRST NAME |
|-------------------|------------------|
| Adamson | Andrew |
| Ah Mow-Tereise | Dawnee |
| Aquino | Laura |
| Bhuiyan | Marufa |
| Bluth | Jonas |
| Chong | Ursula |
| Clark | Linda |
| Command | Iokepa |
| Cooper | Andrew |
| Donnelly | Mike |
| Ebesuno | Ann |
| Evangelista | Jhernie Ho'onani |
| Fanene | Banner |
| Finley | Kyle |
| Fisher | Olan Leimomi |
| Flores | E. Kalani |
| Foley | Miranda |
| Fukutomi | Jane |
| Giasolli | Rose |
| Granite | Amber |
| Griffiths | Richard |
| Ha | Richard |
| Hahn | Dale |
| Hamilton | Kristen |
| Harden | Cory |
| Harp | Tammy |
| Hekekie | Josh |
| Hong | Lea |
| Hurley | Tim |
| Hustace | James |
| Iiams | Kim |
| Inaba | Holeka |
| Ishibashi | Wallace |
| Iwata | Ikuru |
| Kaeo | Kepa |
| Kamakawiwoole | Reynolds |
| Kapaku | Theresa |
| Kimura | Ka'iu |
| Lankford-Faborito | Lu Ann Mahiki |
| Laros | Wendy |

Virtual Public Meeting #1 Registration List
Tuesday, September 29, 2020 - 6:00 P.M. - 8:00 P.M.

| LAST NAME | FIRST NAME |
|------------|-------------|
| Leonardi | Luwella |
| Lindsey | Carmen Hulu |
| Lonborg | David |
| Manuel | Nana |
| Manuia | Wilene |
| Minakami | Steven |
| Nagata | Stephanie |
| Noumaru | Junichi |
| Ono | Hugh |
| Pang | Frankie |
| Peterson | Nanipua |
| Poole | Darrell |
| Powers | John |
| Razo | Nathalie |
| Richards | Tim |
| Rogers | Crystal |
| Roseguo | Katherine |
| Rosier | Susan |
| Salle | Nadine Tenn |
| Simons | Doug |
| Small | Barbara |
| Smith | Daniel |
| Souki | Jesse |
| Suzuki | Rona |
| Tokunaga | Alan |
| Trent | Tyler |
| Trent | Lee |
| Valdez | Ashelyn |
| Waipa | WM |
| Walker | Daniel |
| Wells | Lisa Ann |
| Wiig | Howard |
| Wilson Jr. | Ross |
| Yoshina | Joy |

Virtual Public Meeting #2 Registration List
Thursday, October 1, 2020 - 11:00 A.M. - 1:00 P.M.

| LAST NAME | FIRST NAME |
|------------------------|-------------------|
| Agustin | Gina |
| Akiona | Kelii |
| Albinio | Kahana |
| Aquino | Laura |
| Baybayan | Kālepa |
| Beaudet | Brandi |
| Bergin | William |
| Bezilla | Jean |
| Boboltz | David |
| Camara | Joseph |
| Chambers | Kenneth |
| Colon | Steve |
| Command | Iokepa |
| Courtenay | Henry |
| Currie | Thayne |
| Dale | Laurie |
| Dawson | Sandra |
| Else | Page |
| Fevella | Senator Kurt |
| Fitzsimmons | Diane |
| Fonoimoana | Raynae |
| Fukutomi | Jane |
| Gonzalez | Sharron |
| Hahn | Dale |
| Hamilton | Kristen |
| Harden | Cory |
| Harp | Tammy |
| Harris | Joshua |
| Hoenig | Michael |
| Ishibashi | Wallace |
| Jenkins | Jen |
| Kaawa | Kini |
| Kakazu | Yuko |
| Kalei | Nahaku |
| Kalua | Herring |
| Keliikipikaneokolohaka | Roxane |
| Kimura | Ka'iu |
| King, II | Samuel Wilder |
| Kodama | Matthew |
| Lankford-Faborito | Lu Ann Mahiki |
| Laros | Wendy |

Virtual Public Meeting #2 Registration List
Thursday, October 1, 2020 - 11:00 A.M. - 1:00 P.M.

| LAST NAME | FIRST NAME |
|-------------|------------|
| Lemmo | Samuel |
| Leonardi | Luwella |
| Manuia | Wilene |
| Noumaru | Junichi |
| Pahia | Ulu |
| Paiva | Paul |
| Pearce | Karen |
| Rogers | Crystal |
| Sakamoto | Nancy |
| Spain | Lisa |
| Stormont | Kayla |
| Stuard | Norman |
| Trent | Tyler |
| Ward | Laurence |
| Wilson | Ross |
| Witherspoon | Caroline |
| Yap | Kehau |

Virtual Public Meeting #3 Registration List
Saturday, October 3, 2020 - 9:30 A.M. - 11:30 A.M.

| LAST NAME | FIRST NAME |
|----------------------|-------------------|
| Acohido | Alexis Ann |
| Ah Sam | Lehua |
| Alakai | Laakea |
| Aquino | Laura |
| Clements | Shelly |
| Command | Iokepa |
| Fergerstrom | Hanalei |
| Fisher | Olan Leimomi |
| Fukutomi | Jane |
| Harden | Cory |
| Harp | Tammy |
| Hong | Leslie |
| Irwin | Bonnie |
| Johnsen | Eric |
| Kalāhiki-Weathington | Alicia |
| Kanehailua | Brenda |
| Laros | Wendy |
| Leonardi | Luwella |
| Manuel | Nana |
| Meade | Erik |
| Medeiros | Drew |
| Medeiros | Michelle |
| Misner | Jerry |
| Nuss | Lala |
| Okawa | Emmy |
| Rocker | Richard |
| Trent | Tyler |
| Valdez | Ashelyn |
| Weirich | Jeremy |
| Wilson | Ross |
| Wilson | Ernie |
| Witherspoon | Caroline |

VIRTUAL COMMUNITY MEETING

Department of Land and Natural Resource's Independent Evaluation of University of Hawai'i's (UH) Implementation of the Mauna Kea Comprehensive Management Plan (CMP)

Tuesday, September 29, 2020 from 6:00 – 8:00 p.m.

Thursday, October 1, 2020 from 11:00 a.m. – 1:00 p.m.

Saturday, October 3, 2020 from 9:30 – 11:30 a.m.

A G E N D A

- 1. Welcome Remarks**
- 2. Purpose of the Community Meetings**
- 3. Overview of the Independent Evaluation of UH's Implementation of the Mauna Kea CMP**
- 4. Overview of the Development of the CMP**
- 5. Overview of the CMP Evaluation Process**
- 6. Presentations on Key CMP Management Actions and Interactive Community Polling**
- 7. Facilitated Community Input on the Implementation of Key CMP Management Actions**
- 8. Closing Remarks**

- Please visit our [website](#) or [Facebook Events](#) page to **register in advance for the meeting**;
- All 3 of the community meetings will be recorded and made available for viewing on our Facebook page after completion of the 3rd meeting;
- Please check out our website www.evaluateTheCMP.com and [Facebook page](#) for additional information and resources.

A photograph of a sunset over Mauna Kea. The sun is low on the horizon, creating a bright orange and yellow glow. The silhouette of the mountain peak is visible against the sky. In the foreground, the silhouettes of several people are visible, looking out over the landscape. The overall mood is serene and majestic.

Welcome!

Community Meeting on the Evaluation of the
Mauna Kea Comprehensive Management Plan (CMP)

AGENDA

- Welcome Remarks
- Overview of the Independent Evaluation of UH's Implementation of the Mauna Kea CMP and the Purpose of the Community Meetings
- Overview of the Development of the CMP
- Overview of the CMP Evaluation Process
- Presentations on Key CMP Management Actions with Interactive Community Polls
- Facilitated Community Input on the Implementation of Key CMP Management Actions
- Closing Remarks

PROJECT TEAM:



Dawn Chang
Ku'iwalu



Kanani Kealalio
Ku'iwalu



Faith
Rex
SMS



Daniel Naho'opi'i
SMS



Anna Pacheco
SMS



Ku'ulani Keohokalole
People Strategies Hawai'i

VIRTUAL MEETING PROTOCOLS:

- **Sign-In:** Please rename yourself with your First Name Last Name. Attendance will be captured and part of the record.
- **Recording:** This meeting is being recorded; recordings will be posted on the website and FB page at the end of all 3 community meetings.
- **Tech Support?** For tech support, chat or call Kanani at 539-3588
- **Question? Comments?** Please use your chat function. We will also allow verbal comments during the Facilitated Community Input section.

Overview of Independent Evaluation of UH's implementation of the Mauna Kea Comprehensive Management Plan

The Evaluation Report is being prepared for DLNR and BLNR;

The Evaluation Report will include 3 evaluations: (1) UH's self-assessment, (2) Community's assessment, and (3) Independent Evaluation Assessment.

Purpose of the Community Meetings

To gather community input on whether UH effectively implemented the CMP management actions to achieve the desired outcomes or goals as outlined in the CMP - we want to know from the community whether UH is effectively managing Mauna Kea.

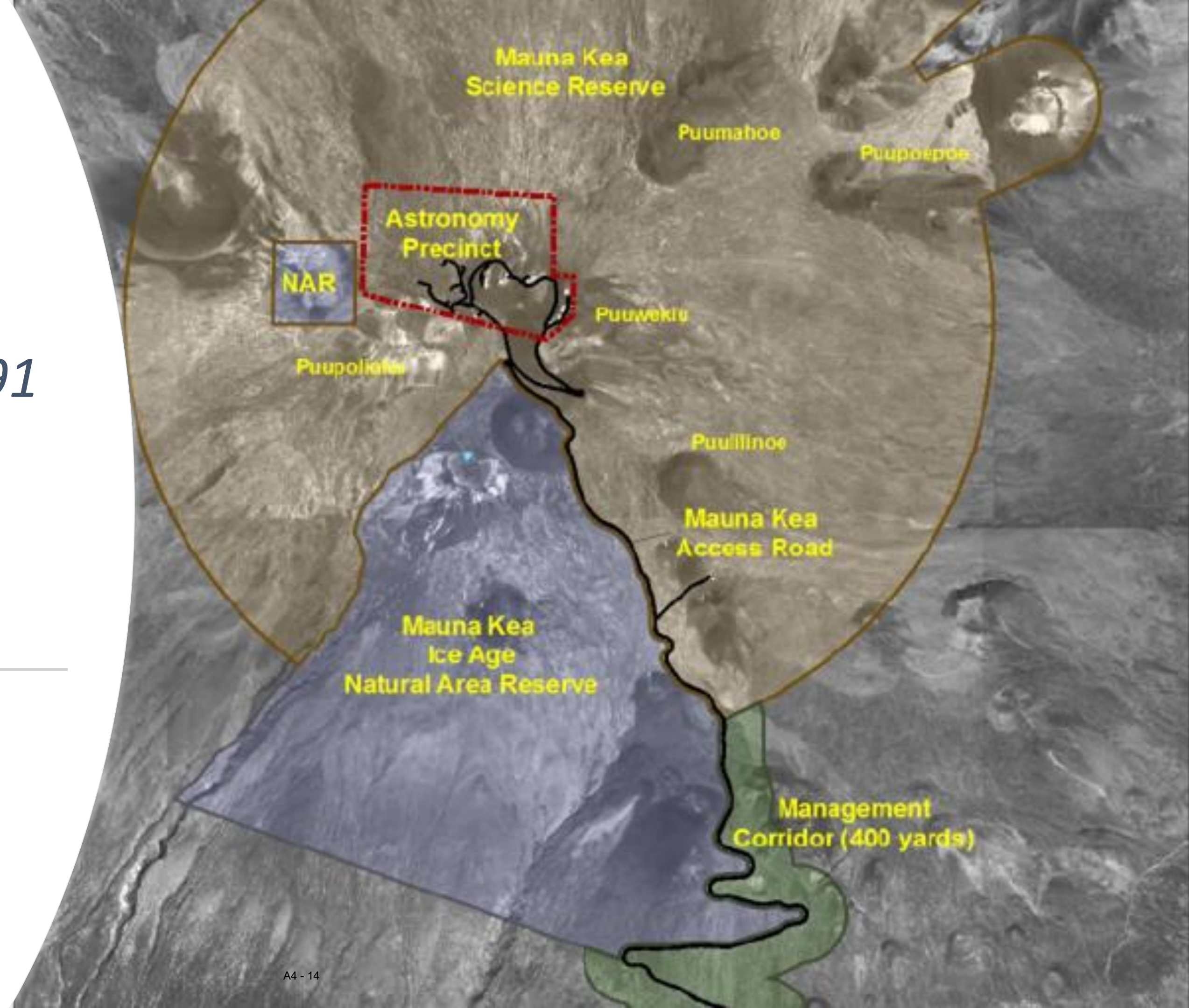


OVERVIEW OF THE DEVELOPMENT OF THE MAUNA KEA CMP

- State leased conservation lands
- Audit Reports
- Development of CMP

1968:

*State issues 65 year
General Lease S-4191
to UH to establish
Mauna Kea
Science Reserve*



1997 - State Legislature requests audit of leased lands

1998 - 1st Audit Report finds UH's management of MK inadequate, focus on astronomy at expense of resources

2005, 2014, 2017, and 2019 - Follow up Audits progress but not rules

MAUNA KEA COMPREHENSIVE MANAGEMENT PLAN



©Photographer: Keoni Dibelka | Agency: Dreamstime.com

UH MANAGEMENT AREAS

April 2009

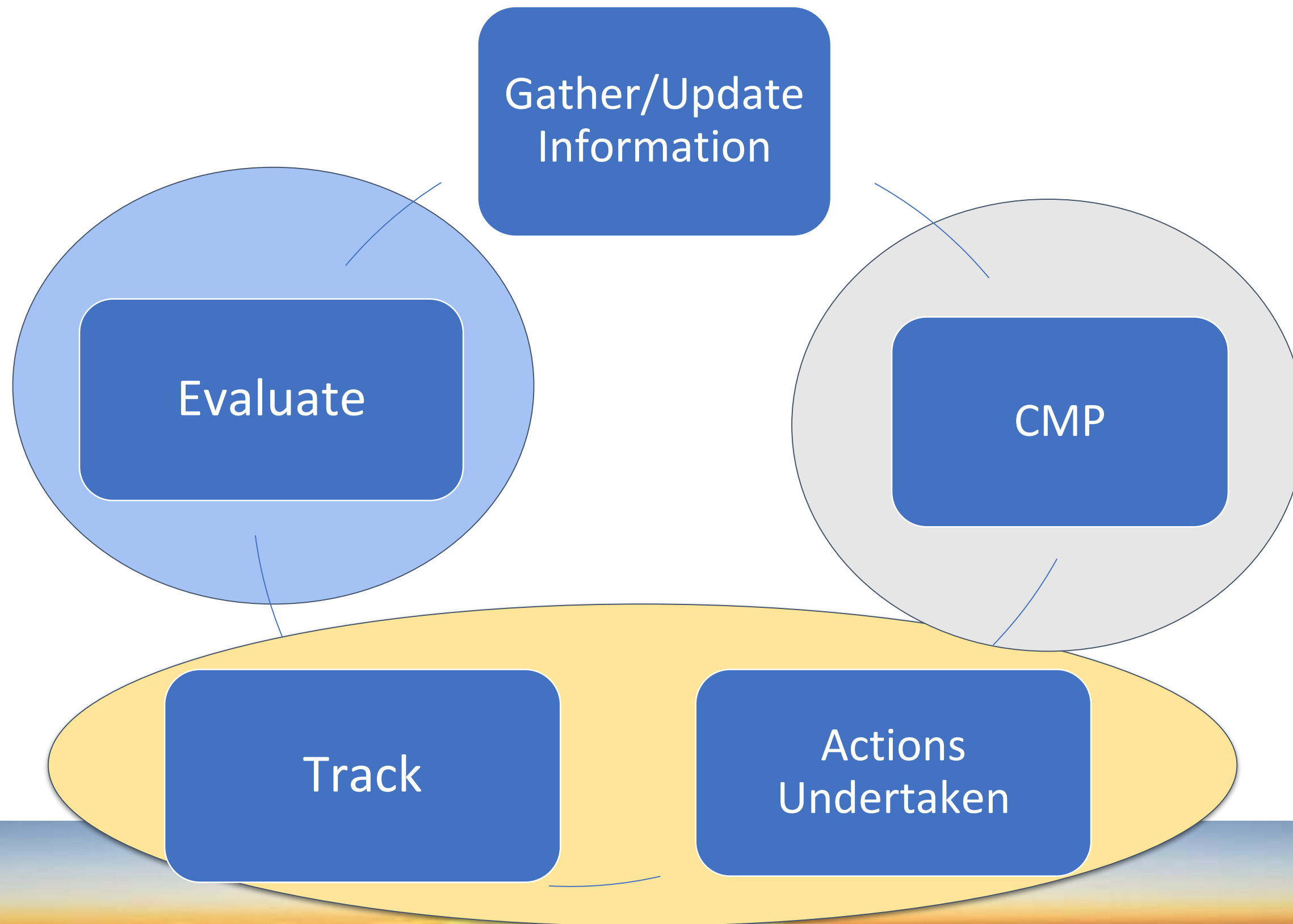
- Why was CMP developed?
- How was the CMP developed?
- CMP management approach

SUMMARY OF THE CMP MANAGEMENT APPROACH

The CMP sought a balanced comprehensive management approach based on:

- (1) increased cultural education and community engagement, especially with the Hawaiian community, on matters involving Mauna Kea (Sec. 7.1 contains 42 MA) and
- (2) preserving and protecting the cultural, natural, and astronomy resources by managing the multiple uses (Sec. 7.2 - 20 MA, 7.3 - 33 MA and 7.4 - 8 MA)

THE EVALUATION PHASE WITHIN THE PLANNING PROCESS



EVALUATION PROCESS

Fact Gathering

- UH provided documents supporting their implementation. These documents included OMKM Annual Reports to BLNR, MKMB Board Minutes, Reports, Studies, etc.
- Reviewed other documents related to the CMP
- Reviewed comments from stakeholder interviews, small meetings, website polls, public meetings.

Evaluation Based on a Logic Model Approach

- Compared CMP Management Actions with what was reported as implemented.
- Looked at the Desired Outcomes and if the Management Actions achieved those Outcomes

FOCUS FOR THIS MEETING: 7.1

7.1 Understand & Protect
Mauna Kea's Cultural and
Natural Resources (42 MA)

7.1.1 Native Hawaiian Cultural
Resources

7.1.2 Natural Resources

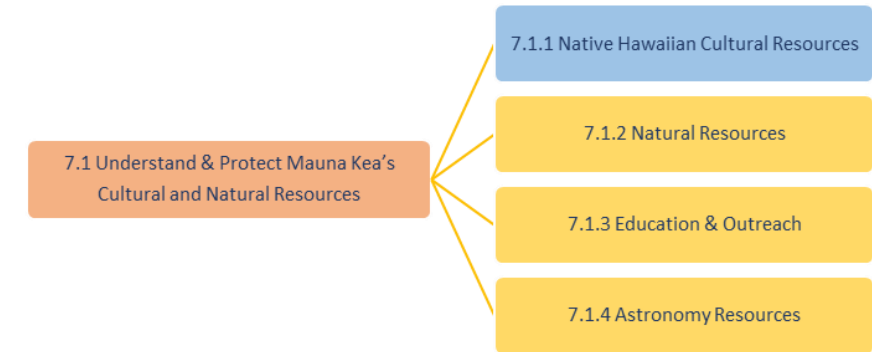
7.1.3 Education & Outreach

7.1.4 Astronomy Resources

Desired Outcomes

7.1.1 Native Hawaiian Cultural Resources

| Understand | Respect | Protect |
|--|--|---|
| Understand & appreciate Native Hawaiian history & cultural practices related to Mauna Kea. | Ensure that Native Hawaiian practices are protected & respected. | Identify, document the condition of & protect cultural resources & historic properties. |



7.1.1 Native Hawaiian Cultural Resources

Management Actions Undertaken

| Understand | Respect | Protect |
|---|--|--|
| Resource orientation & certification program created & implemented. School activities & community events Volunteer activities Rangers educate visitors | Cultural and traditional practices have been identified and ongoing protection documented in Chapter 2-26 HAR. | Cultural Resources Management Plan completed & implemented. Historic properties monitoring program developed & implemented. Rangers report disturbances. |

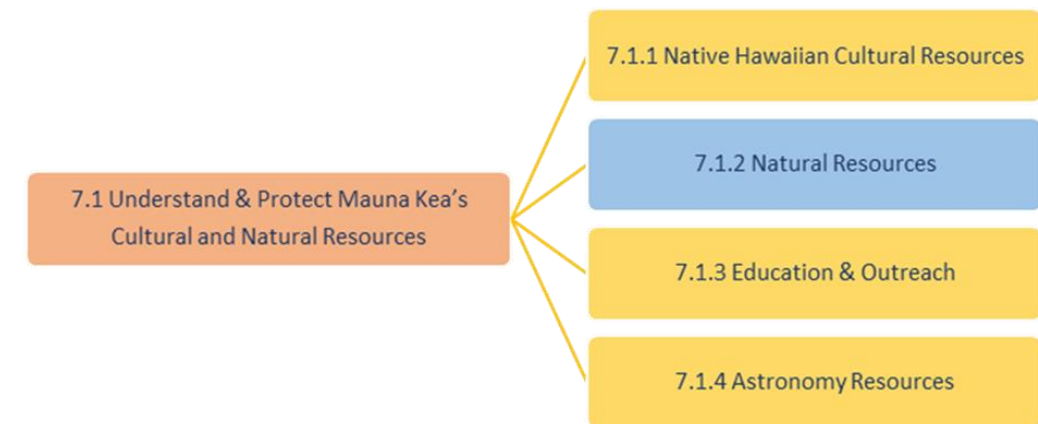
Some Stakeholder Feedback:

- Insufficient cultural sensitivity in materials & training
- Cultural orientation video does not adequately educate about the cultural history of Mauna Kea
- Too little Native Hawaiian Consultation throughout the past ten years

Desired Outcomes

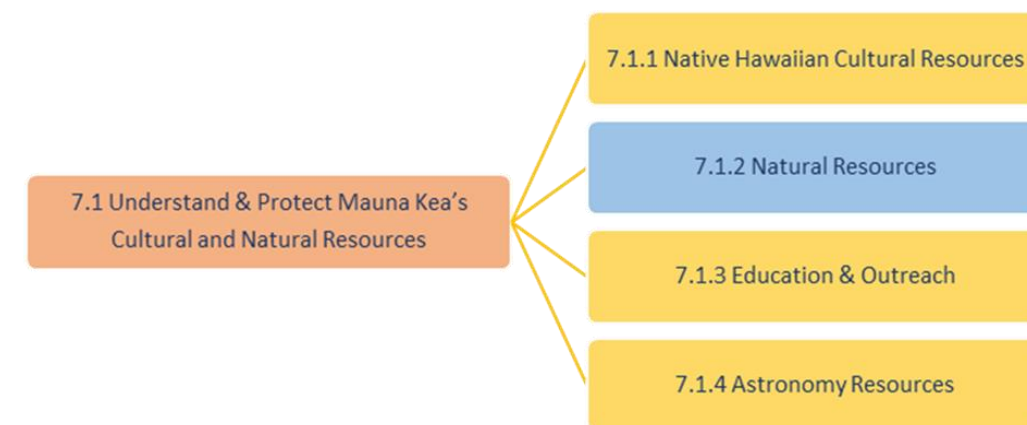
7.1.2 Natural Resources

| Control Threats | Protect Ecosystems | Enhance & Restore |
|--|--|---|
| Increase understanding of the status of natural resources & identify threats to these resources in order to better protect them. | Protect & preserve unique geological features, ecosystem functions, subalpine & alpine habitats. | Develop programs to enhance & restore ecosystems. |



Management Actions Undertaken

7.1.2 Natural Resources



| Control Threats | Protect Ecosystems | Enhance & Restore |
|--|--|---|
| <p>Mauna Kea Invasive Species Management Plan approved & implemented.</p> <p>Monitoring number of non-native plants & arthropods.</p> <p>Rangers educating visitors.</p> | <p>Botanical survey completed.</p> <p>Ongoing surveys for biodiversity, wekiu bug, and erosion studies.</p> <p>Fencing to protect Silversword completed.</p> | <p>Silversword seedlings planted.</p> <p>Process in place to address & develop mitigation & best practices plans as needed.</p> |

Some Stakeholder Feedback:

- Management of natural resources has improved under OMKM
- Management of invasive species is positive
- Archaeological monitoring has been comprehensive

Desired Outcomes

7.1.3 Education & Outreach

| Develop Programs | Build Constituency | Community Involvement |
|--|--|---|
| Develop & implement education & outreach programs. | Build & maintain a constituency to engage in active & meaningful stewardship through education & involvement | Involve the public to support, enhance conservation, & sustain the natural, cultural, & astronomical resources of Mauna Kea |

7.1 Understand & Protect Mauna Kea's Cultural and Natural Resources

7.1.1 Native Hawaiian Cultural Resources

7.1.2 Natural Resources

7.1.3 Education & Outreach

7.1.4 Astronomy Resources

Management Actions Undertaken

7.1.3 Education & Outreach

7.1 Understand & Protect Mauna Kea's
Cultural and Natural Resources

7.1.1 Native Hawaiian Cultural Resources

7.1.2 Natural Resources

7.1.3 Education & Outreach

7.1.4 Astronomy Resources

Develop Programs

Developed programs for volunteers, orientation, brochures, school visits

Build Constituencies

Resources orientation developed for those working on Mauna Kea.
Cultural & natural resource materials on visiting safely and responsibly are distributed at Visitor's Station.

Community Involvement

Outreach to schools by researchers.
Through MKMB, KKM & other meetings, opportunity for community members to participate in management activities.
Bi-monthly volunteer activities.

Some Stakeholder Feedback:

- Too little communications & relationship building with the public.
- Poor community relations
- Rangers have been effective in their education efforts
- Unclear who is leading education & outreach efforts
- Lack of resources & funding allocated to this effort
- Insufficient Native Hawaiian consultation

Desired Outcomes

7.1.4 Astronomy Resources

| Maintain | Buffer Zone |
|--|--|
| Maintain Mauna Kea’s unique environment that makes it a premiere location for astronomical observation | Operate the scientific reserve as a buffer zone to prevent the intrusion of activities incompatible with the use of the land as a scientific complex or observatory. |

7.1 Understand & Protect Mauna Kea’s Cultural and Natural Resources

- 7.1.1 Native Hawaiian Cultural Resources
- 7.1.2 Natural Resources
- 7.1.3 Education & Outreach
- 7.1.4 Astronomy Resources

7.1.4 Astronomy Resources

Management Actions Undertaken

| Maintain | Buffer Zone |
|--|--|
| Rules developed to prohibit activities that may result in negative impact to astronomical resources and included in HAR Chapter 20-26. | Rules to prohibit activities that result in light pollution, radio frequencies and dust are included in HAR Chapter 20-26 Section 20-26-23 |

Stakeholder Feedback:

- Astronomy is well-managed
- Positive communications and relations with astronomers.
- The rules were late in being approved - January 2020.



Three More Sections to Review on Website:

- . **7.2 - Manage Access and Use (20 Management Actions)**
 - . Retain and enhance recreational and cultural activities, ensure regulation of commercial activities, and support scientific studies...
 - . Achieve compliance with existing and any new policies and regulations...
- . **7.3 - Manage the Built Environment (33 Management Actions)**
 - . Manage the built environment by implementing an Operations, Monitoring and Maintenance Plan...
 - . Minimize adverse impacts to resources during all phases of construction...
 - . To the extent possible, reduce the area disturbed by physical structures...
 - . To protect cultural and natural resources in the assessment of future projects.
- . **7.4 - Managing Operations (8 Management Actions)**
 - . Conduct effective operations..focused on resource protection, education and public safety.
 - . Determine whether management actions are achieving the goals of the CMP...

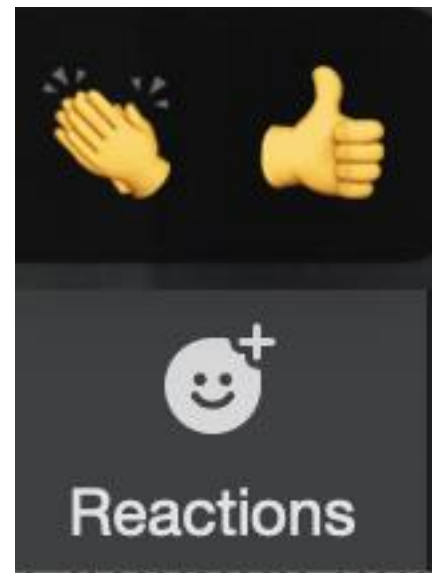
COMMUNITY INPUT

In your view, how effectively has UH implemented the CMP?

For the community meeting, we will focus on 7.1, however the Evaluation Report will cover all 4 sections.

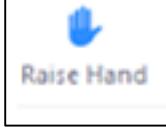
Please elaborate on your poll answers starting with:

- *7.1.1 Native Hawaiian Cultural Resources*
- *7.1.2 Natural Resources*
- *7.1.3 Education and Outreach*
- *7.1.4 Astronomy Resources*



COMMUNITY INPUT PROTOCOLS

- Reminder - Virtual Meeting protocols

- 1) Use “raise hand” function to be called upon - 
- 2) Use “chat” function to leave comment or raise question
- 3) Everyone will have opportunity to speak once before you speak 2nd time
- 4) Please keep verbal comments to 2 minutes or less
- 5) Remember you can always leave a comment on the website:
www.evaluatetheCMP.com

- Reminder – Relevant input on CMP management actions

- 1) Some issues that are beyond the scope of the CMP will not be discussed but will be noted in the report
- 2) Please be patient

NEXT STEPS

- Additional CMP Management Actions are accessible on the CMP Evaluation website
 - Opportunity for feedback on each of the sections
- Other ways to provide input:
 - 1) Go to the website (below) to add comments and participate in additional polls
 - 2) Two more virtual community meetings - Oct 1 and 3
- Submit comments by Oct 16
- Report due to DLNR by December 31, 2020
- Report will be posted on website

Mahalo!

Mauna Kea

Evaluate the Implementation of the Mauna Kea Comprehensive Management Plan



Mauna Kea kuahiwi ku ha'o i ka mālie

Mauna Kea is the astonishing mountain that stands in the calm (Pukui 1983)

Home Page



‘Ano‘ai kākou! The Department of Land and Natural Resources (DLNR) welcomes and seeks your participation as it launches an independent review of the University of Hawai‘i’s (UH) management of Mauna Kea under General Lease No. S-4191 which expires in 2033.

The purpose of the independent review is to evaluate the effectiveness of the UH and more specifically, the Office of Mauna Kea

Management (OMKM) in its implementation of the Mauna Kea Comprehensive Management Plan ([CMP](#)). This evaluation will assess UH’s efficiency and its governance structure in managing the cultural and natural resources within the UH management areas under the CMP. The UH management areas consists of 11,288 acres of state conservation district land that includes the Mauna Kea Science Reserve, the Summit Access Road, and Hale Pohaku.

In 2009, the Board of Land and Natural Resources (BLNR) approved the CMP. This current independent evaluation is intended to provide BLNR with not only a technical assessment of UH’s implementation of the CMP management actions ([Section 7](#)) but just as important, the community’s assessment of UH’s management of Mauna Kea. Absent this independent evaluation, the BLNR will only have UH’s Annual Progress Reports ([MEU-2](#), see page 7-64 of CMP) and Five-Year Outcome Analysis Report ([MEU-3](#), see page 7-64 of CMP). Accordingly, your input is especially important and you are invited to participate in this evaluation.

We have designed this website to provide you easy access to the CMP and other reference documents provided by the UH, as well as links to relevant information related to Mauna Kea. Here, you will find a description of the evaluation process, community engagement opportunities, and updates as we proceed. Look for some informal surveys to gauge respondents’ sentiments on particular questions. We plan to periodically post short videos and hope you find them helpful in gaining a better understanding of the evaluation process, and more importantly why your mana‘o is so important. It’s all about informed decision making.



We encourage you and your ‘ohana to visit the website, learn more about Mauna Kea, and feel free to leave us a comment.

Me ka ‘oia i‘o a me mahalo nui loa!

News Releases

May 15, 2020: DLNR Begins Parallel review of Mauna Kea CMP

(Honolulu) – In order to provide the DLNR and the Board of Land and Natural Resources relevant information, including community input, into whether Mauna Kea is being effectively managed, the department is launching an independent evaluation of the University of Hawai‘i’s (UH) compliance with the Mauna Kea Comprehensive Management Plan (CMP).

According to DLNR Chair Suzanne Case this evaluation will parallel the mandatory five-year review of the Comprehensive Management Plan currently underway by UH. The review will evaluate the efficiency of UH management and specifically its Office of Mauna Kea Management (OMKM). The DLNR review will also include an assessment of the governance structure in managing the cultural and natural resources within areas on the mountain for which UH/OMKM are responsible.

Case remarked, “This process will ensure a thorough review that includes multiple points of view and provides an independent evaluation for the Land Board.”



UH leases approximately 11,000 acres of State lands on Mauna Kea, of which 525 acres is in the Astronomy Precinct and 10,700 acres are designated as Natural/Cultural Preservation Area. The Comprehensive Management Plan covers all of the UH leased land.

DLNR has contracted with Ku‘iwalu Consulting for the review. It will include a culturally sensitive and robust community engagement process to gather as much input as possible on UH’s implementation of the Comprehensive Management Plan. This input will be incorporated into the report.

UH is seeking renewal of its 65-year-long lease. Its current Comprehensive Management Plan was approved by the Board of Land and Natural Resources in 2009. The DLNR review is expected to be completed by the end of this calendar year. Chair Case notes that the independent evaluation is not a report on the proposed Thirty Meter Telescope (TMT).

About Us



Ku'iwalu is a woman-owned, Native Hawaiian business enterprise that has successfully provided support to the public and private sector since 2001. Specializing in facilitating the consultation process in general, and specifically, with Native Hawaiian Organizations under Section 106 of the National Historic Preservation Act, the National Environmental Policy Act, and the State Burial Laws under Chapter 6E of the Hawaii Revised Statutes. Our expertise is in the area of facilitation, community outreach and community building, particularly with native Hawaiian communities and organizations. We also provide valuable consultation services for entitlements, crisis management, government relations, public hearing processes and cultural resource management. www.kuiwalu.com



Founded in 1960, SMS is Hawai'i's oldest and largest research company. We are a full-service research company, offering design, planning, data collection, analysis, and information systems development needed by our clients. SMS serves public and private sector clients in Hawai'i and throughout the Pacific Basin. We provide a wide range of research services including program evaluation, market studies, market research, feasibility studies, planning studies, and socio-economic assessments for EIS projects. Over the years, we have developed specialization in the fields of housing, health, and tourism and a reputation for data collection projects that are very large scale and require complex sample designed or are developmental in nature. www.smshawaii.com



People Strategies Hawai'i LLC, is a local organizational development firm with the mission of strengthening the capacity of individuals, organizations and communities for a better Hawai'i. Owner Ku'ulani Keohokalole blends her unique understanding of Hawai'i's cultural context, history and place with her knowledge and experience in organizational development to help organizations and communities achieve their goals. She brings 10 years of experience in community engagement and advocacy work across Hawai'i and on the East Coast. Ku'ulani holds an M.A. in Educational Leadership, Politics & Advocacy from New York University and a B.A. in Ethnic Studies and Certificate in Women's Studies from the University of Hawai'i at Mānoa. www.peoplestrategieshawaii.com

Process

Fact Gathering

- Afford UH the opportunity to provide all relevant documentation on their implementation of the CMP
- Gather relevant information about Mauna Kea and the CMP from other available resources
- Development of framework for the evaluation metrics of the CMP management actions to provide a guide for the community engagement discussion

Community Engagement Process

- Small talk story sessions with stakeholders via zoom and tele-conference to introduce the project and get input on their assessment of UH's management of Mauna Kea
- Establish website and Facebook page to be used to explain DLNR's independent evaluation and process, provide relevant information about Mauna Kea and the CMP, and an additional opportunity to provide community input on UH's management of Mauna Kea
- Larger facilitated virtual community meetings to gather additional input.
 1. **Community Meeting #1 – Tuesday, Sep 29 at 6:00 – 8:00 PM** *(recorded video)*
 2. **Community Meeting #2 – Thursday, Oct 1 at 11:00 AM – 1:00 PM** *(recorded video)*
 3. **Community Meeting #3 – Saturday, Oct 3 at 9:30 – 11:30 AM** *(recorded video)*
- The community engagement process and community input will be incorporated into the Final Report

Report

- A Final Report will be submitted to DLNR by December 31, 2020
- The community will be notified when the Report is posted to the website

Resources

Auditor's Reports

- Audit Report of the Management of Mauna Kea and the Mauna Kea Science Reserve (Feb 1998)
- Follow-Up Audit of the Management of the Mauna Kea Science Reserve (Dec 2005)
- Follow-Up Audit of the Management of Mauna Kea and the Mauna Kea Science Reserve (Aug 2014)
- Follow-Up on Recommendations from Report No. 14-07, Follow-Up Audit of the Management of Mauna Kea and the Mauna Kea Science Reserve (Jul 2017)
- Report on the Implementation of State Auditor's Recommendations 2014-2017 (Nov 2019)

Comprehensive Management Plan (CMP)

- Mauna Kea Comprehensive Management Plan - April 2009
- Mauna Kea Comprehensive Management Plan Appendices - April 2009

Department of Land and Natural Resources

- Board of Land and Natural Resources
- Mauna Kea (Contested Case)
- Maunakea Management
- Thirty Meter Telescope

EnVision Maunakea

- Hui Ho'olohe
- Report

Hawai'i Forest & Trail

- Mauna Kea Summit Tours

HULI (Hawai'i Unity & Liberation Institute)

Imiloa Astronomy Center

Imua TMT

Institute for Astronomy

- Culture, Astronomy and Natural History

Kahea

- Issues – Sacred Summits

Resources, continued

Maunakea Observatories

Office of Hawaiian Affairs

- Mauna Kea

Office of Maunakea Management

- Management
- Hawaiian Culture
- Environment
- Visitor Information

Protect Mauna Kea

Sierra Club of Hawai'i

- Protect Mauna Kea

Thirty Meter Telescope

- Maunakea and Thirty Meter Telescope
- Our Story in Hawai'i
- The Observatory
- Education & Outreach
- Documents

University of Hawai'i

- UH Stewardship of Maunakea
- Proposed Administrative Rules
- Maunakea and TMT Misinformation Fact Check
- Visitor Information

Highlights of University's stewardship, management, and educational activities on Maunakea (provided by UH)

- BOR Materials
 - Summary Matrix of BOR Decisions re Maunakea 2020.06.08
- KKM
 - KKM index of minutes.pdf
- MK Rules
 - Hearings Officers Consolidated Report August 15, 2019 FINAL
 - Hearings Officers Consolidated Report October 11, 2018 FINAL
- MKMB
 - Index MKMB minutes 2000 – 2019.docx

Resources, pg. 3

- OMKM
 - OMKM 2020 Annual Report to BLNR
 - OMKM outreach.pdf
 - OMKM-Infosheet 4-24-2020.pdf
- UH Appellate Briefs
 - HSCT UH Ans.Brief Kanahele LUC 2020.05.08.pdf
 - HSCT UHH's Ans.Brief CDUP II 2018.04.09.pdf
 - ICA UH Ans.Brief MKAH v. Ige 2020.05.06.pdf
- Astronomy 50th update

Additional Relevant Collections Provided By UH

- BOR Resolutions Regarding Maunakea
 - 6/16/2000, Resolution on the Management of the Maunakea Science Reserve
 - 08/24/2017, Resolution Affirming Commitment to the Collaborative Stewardship of Maunakea's Cultural, Natural, Educational and Scientific Resources
 - 02/22/2018, Requesting Financial Management Audit of Maunakea Activities
 - 10/17/2019, Resolution Urging De-escalation of Tension and Non-violent Solutions Within the University of Hawai'i Community Regarding Maunakea
 - 11/06/2019, Resolution to Act on Items Relating to Maunakea Management
- OMKM eNews
- Collection of annual reports submitted to DLNR
- Collection of MKMB minutes
- DLNR's collection of documents related to the management of Maunakea lands including audit reports and UH responses
- DLNR's collection of documents related to TMT

Share Your Mana‘o

A critical component of the DLNR’s Independent Evaluation is the community’s assessment of the University of Hawai‘i’s (UH) management of Mauna Kea. Absent this independent evaluation, the BLNR will only have the UH’s Annual Progress Report and Five-Year Outcome Analysis Report, when they consider the UH’s current management of Mauna Kea under its existing lease which will expire in 2033. But more importantly, the community’s input will be important when the BLNR considers future management of the 11,288 acres of state conservation district land upon expiration of UH’s lease.

We are exploring different ways to gather community input in light of the COVID-19 concerns. Several of the ways that we are gathering input include, (1) letters to update stakeholders who participated in the original CMP and current stakeholders of Mauna Kea, (2) small talk story sessions (via telephone or zoom), (3) several public virtual meetings to be scheduled in September, and (4) this website where you can leave comments to tell us what you think.

Over the next several weeks, we will be updating the website to focus on the management actions contained in Section 7 of the CMP. The goal of the CMP is to provide management strategies that protect, preserve, and enhance Mauna Kea’s cultural and natural resources. The management actions are designed to limit impacts of human activities on cultural and natural resources. This update will include a brief introduction into the management action, a link to that section of the CMP for ease of reference; and some specific questions that we’d like your mana‘o.

While UH is the lessee and has responsibility for managing the UH Management Areas, the day-to-day management of the cultural and natural resources of the state leased lands is the responsibility of the Office of Mauna Kea Management (OMKM). However, for purposes of this Independent Evaluation, when we reference UH, it is intended to include all the UH governance entities, including OMKM.

Community Polls

Users could select a management action topic listed to participate in a brief poll.

7.1. UNDERSTANDING AND PROTECTING MAUNA KEA'S CULTURAL AND NATURAL RESOURCES

- 7.1.1 Native Hawaiian Cultural Resources
- 7.1.2 Natural Resources
- 7.1.3 Education and Outreach
- 7.1.4 Astronomy Resources

7.2 MANAGING ACCESS, ACTIVITIES AND USES

- 7.2.1 Activities and Uses
- 7.2.2 Permitting and Enforcement

7.3 MANAGING THE BUILT ENVIRONMENT

- 7.3.1 Infrastructure and Maintenance
- 7.3.2 Construction Guidelines
- 7.3.3 Site Recycling, Decommissioning, Demolition, and Restoration
- 7.3.4 Considering Future Land Uses

7.4 MANAGING OPERATIONS

- 7.4.1 Operations and Implementation
- 7.4.2 Monitoring, Evaluation, and Updates

7.5 1995 MANAGEMENT PLAN CONTROLS

Community Polls, continued

Poll Example for 7.1.1 Native Hawaiian Cultural Resources:

×

7.1.1 Native Hawaiian Cultural Resources [\(View Details\)](#)

The objective of Section 7.1.1 is to increase understanding and appreciation of Native Hawaiian history and cultural practices related to Mauna Kea to ensure that these practices are protected and respected.

Community Poll

1. How well has the UH preserved and protected the cultural resources on Mauna Kea? *

☐ Very Good

☐ Good

☐ Acceptable

☐ Poor

☐ Very Poor

Next

×

7.1.1 Native Hawaiian Cultural Resources [\(View Details\)](#)

The objective of Section 7.1.1 is to increase understanding and appreciation of Native Hawaiian history and cultural practices related to Mauna Kea to ensure that these practices are protected and respected.

Community Poll

2. In what ways has the UH successfully researched, documented, protected, or supported cultural resources and practices on Mauna Kea?

Next

Community Polls, pg. 3

7.1.1 Native Hawaiian Cultural Resources [\(View Details\)](#)

The objective of Section 7.1.1 is to increase understanding and appreciation of Native Hawaiian history and cultural practices related to Mauna Kea to ensure that these practices are protected and respected.

Community Poll

3. What suggestions would you make for improvement in the preservation and protection of cultural resources and practices on Mauna Kea

Next

7.1.1 Native Hawaiian Cultural Resources [\(View Details\)](#)

The objective of Section 7.1.1 is to increase understanding and appreciation of Native Hawaiian history and cultural practices related to Mauna Kea to ensure that these practices are protected and respected.

Community Poll

Name

Email Address

Organization

Submit

Community Polls, pg. 4

7.1.1 Native Hawaiian Cultural Resources [\(View Details\)](#)

The objective of Section 7.1.1 is to increase understanding and appreciation of Native Hawaiian history and cultural practices related to Mauna Kea to ensure that these practices are protected and respected.

Community Poll

Mahalo! Your comment has been submitted.

Share your mana‘o

Name *

First

Last

Subject *

Email *

Comment or Message *

Send Feedback