

DAVID IGE
GOVERNOR OF HAWAII

SHAN TSUTSUI
LIEUTENANT GOVERNOR



HAWAII INVASIVE SPECIES COUNCIL

1151 PUNCHBOWL ST, #325
HONOLULU, HAWAII 96813

VOTING MEMBERS

SUZANNE CASE
DEPARTMENT OF LAND & NATURAL
RESOURCES

SCOTT ENRIGHT
DEPARTMENT OF AGRICULTURE

KEITH KAWAOKA D.Env
DEPARTMENT OF HEALTH

NICHOLAS COMERFORD, Ph.D.
UNIVERSITY OF HAWAII

LEO ASUNCION
DEPARTMENT OF BUSINESS, ECONOMIC
DEVELOPMENT & TOURISM

DAVID RODRIGUEZ
DEPARTMENT OF TRANSPORTATION

PUBLIC MEETING NOTICE

Hawaii Invasive Species Council

August 14, 2018, 1:00 p.m

Hawaii Department of Land and Natural Resources, Board Room (Rm 132)
1151 Punchbowl St, Honolulu, HI, 96813

AGENDA

1. Call to order
2. Introductions
3. Approval of minutes from January 18, 2018 meeting
4. Submittal: Requesting approval of a recommended budget for Fiscal Year 2019
5. Staff Presentation: Proposed work plan for HISC Support Staff in Fiscal Year 2019
6. Departmental Presentation: Update on efforts to develop landscape-scale mosquito control technology (Cynthia King, Department of Land and Natural Resources)
7. Public Comments
8. Adjournment

The Council may go into Executive Session pursuant to Section 92-5(a) (4), Hawaii Revised Statutes, in order to consult with its attorney on questions and issues pertaining to the Council's powers, duties, privileges, immunities and liabilities.

Individuals requesting special accommodations (e.g., large print materials, sign-language interpreters) are asked to contact the staff below at least three days prior to the meeting.

For information, contact:

HISC Support staff: 1151 Punchbowl St, #325, Honolulu, HI 96813; Fax: 587-0160

Josh Atwood, Program Supervisor: 587-4154, Joshua.P.Atwood [at] hawaii.gov

Randy Bartlett, Interagency Coordinator: 870-6443, Randal.T.Bartlett [at] hawaii.gov

Leyla Kaufman, Mamalu Poepoe Project Coordinator: leyla [at] hawaii.edu

Elizabeth Speith, 643pest.org Report Facilitator: speith [at] hawaii.edu

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MEETING NOTES

Hawaii Invasive Species Council

Meeting Notes

January 18, 2018

1. Call to order: 9:05am by Co-Chair Scott Enright
2. Attendance:
 - a. Councilmembers: Scott Enright/HDOA, Suzanne Case/DLNR, Leo Asuncion/DBEDT, Keith Kawaoka/HDOH, Kelvin Sewake/UH, David Rodrigues/HDOT, Rep. Nicole Lowen
3. Approval of minutes from August 24, 2017 meeting
 - a. Motion to Approve: David Rodrigues/HDOT
 - b. Seconded: Kelvin Sewake/UH
 - c. Approved unanimously
4. Submittal: Requesting adoption of the *Strategic Plan for the Control and Management of Albizia in Hawaii* as a HISC guiding document for future policy and funding efforts
 - a. Overview by Josh Atwood & JC Watson
 - b. Scott Enright: Call for Vote for approval
 - i. Approved unanimously
5. Submittal: Requesting supporting evaluation and implementation of best management practices and technologies for vessel biofouling management and collaboration by HISC agencies in the development of biofouling management regulations for Hawaii harbors
 - a. See Powerpoint Overview by Jules Kuo & Andrew Porter (available on request)
 - b. Scott Enright: Call for motion to approve request for resolution
 - i. Motion: David Rodrigues/HDOT
 - ii. 2nd: Kelvin Sewake/UH
 - c. Keith Kawaoka: To what extent have any mainland states required or have biofouling regulations.
 - i. Jules Kuo: California has biofouling regulations. Nationally there are only guidelines, no federal regulations or enforcement
 - d. Suzanne Case: What's exciting is the new technology available.
 - e. Rep. Nicole Lowen: This is already being done in Australia?
 - i. Jules Kuo: Yes, in Western Australia
 - ii. Rep Nicole Lowen: Is this being done by government or do private operators conduct operations?
 - f. Christy Martin: NZ adopted a biofouling cleaning protocol and shared it with Western Australia. What is being requested is that HISC participate and join in the Alliance for Coastal Technologies (ACT) testing on a national scale.

- g. Testimony in support was submitted by Richard Davison, with the Star of Honolulu.
 - h. David Rodrigues: HDOT approves
 - i. Leo Asuncion: DBEDT approves
 - j. Scott Enright: Motion approved unanimously
6. Staff Presentation: Status update on implementation of the *Hawaii Interagency Biosecurity Plan*
- a. See Powerpoint overview by Josh Atwood (available at <http://dlnr.hawaii.gov/hisc/meetings/hisc/>)
 - b. Approval to proceed with an annual progress report by council co-chairs
7. Discussion of departmental requests related to invasive species in the 2018 legislative session:
- a. See Powerpoint overview by Josh Atwood (available <http://dlnr.hawaii.gov/hisc/meetings/hisc/>)
 - b. Suzanne Case: Governor Ige released \$1.2m two weeks ago for ROD response efforts.
 - c. Rep. Lowen is working on several bills, including:
 - i. Bill to enter private property based on invasive species on property
 - ii. Bill for LFA control from constituent
 - iii. Bill for Rat Lungworm control & research to UH Hilo
 - iv. Regarding last year's bill that would have established an invasive species emergency response fund: perhaps if the Governor can declare emergency and tap into other already existing funds?
 - 1. Josh Atwood: The Governor does have the ability to declare an emergency related to agriculture or natural resource threats, under HRS 91.
8. Announcement of Hawaii Invasive Species Awareness Month:
- a. Governor's Proclamation on Friday, February 9, 2018 at 11:00am. Volunteer events and other information will be posted on the HISC website.
9. Public Comments: None
10. Adjournment:
- a. Scott Enright: Motion to Adjourn
 - b. Motion: Keith Kawaoka/HDOH
 - c. Seconded: Kelvin Sewake/UH
 - d. Meeting Adjourned at 9:56am by Co-Chair Scott Enright

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August 14, 2018

SUBMITTAL

TO: Co-chairs and Members
Hawaii Invasive Species Council
State of Hawaii

FROM: Justine Nihipali, Resources Working Group Chair, and
Joshua Atwood, Ph.D., Program Supervisor
Hawaii Invasive Species Council

SUBJECT: Requesting approval of a recommended budget for Fiscal Year 2019

Background

Since its inception in 2003, the Hawaii Invasive Species Council (HISC) has disbursed funding to support interagency invasive species projects that:

- Fill gaps between agency mandates or existing agency programs, and/or
- Advance our collective knowledge through research and development of new tools.

Funds are disbursed via an intra-governmental granting process wherein state, county, and federal offices may submit requests for funding and meet to collaboratively draft a recommended budget for HISC review.

For Fiscal Year 2019 (FY19), the legislature appropriated \$4,750,000 to the HISC via the biennium budget. This amount is subject to a 5% expenditure restriction by the Department of Budget and Finance (\$237,500) and a 6% overhead fee assessed by the Division of Forestry and Wildlife at the Department of Land and Natural Resources (DLNR), as the administrative host of the HISC (\$270,750).

The amount of funding required for one year of HISC support staff is \$303,591. This supports two full-time temporary positions (HISC Planner and HISC Interagency Coordinator), one part-time Online Reporting Technician at 0.5 FTE, and intermittent support for programmers and administrators associated with online product development. The HISC Support Program budget also provides associated travel, supplies, and other costs associated with administration of the HISC and its supported projects. This amount does not include the salary cost of the HISC Program Supervisor, which is provided through DLNR's regular biennium budget.

The remaining balance of \$3,938,159 is available for interagency project grants.

Discussion

The preparation of a recommended budget for the HISC was accomplished via the following process:

- A call for proposals was released in May, with applications due by close of business on June 8.
- As described in the proposal guidelines, applications must demonstrate applicability to funding priorities related to the Hawaii Interagency Biosecurity Plan. Guidance from additional planning documents, including the HISC Strategic Plan, HISC Resolutions, and the Regional Biosecurity Plan for Micronesia and Hawaii, was also utilized in developing these priorities.
- An evaluation committee comprised of working group chairs and other agency representatives assigned a quantitative score to each application based primarily on how well the application addressed the stated funding priorities. Applications also received points for interagency relevancy and the proportion of the overall project budget supported by non-HISC funds.
- On August 1 the Resources Working Group facilitated a meeting of the evaluation committee to discuss applications and develop a balanced recommended budget. This meeting was open to any interested parties.

Requests received for FY19 totaled \$ \$7,449,259 across 43 applications. Sixteen applications were not recommended for funding. In most cases this was due to a lack of resources available rather than a lack of project merit. In some cases this was due to alternative funding being identified for the project. For the 27 applications remaining, the Resources Working Group recommended partial funding based on the amount requested, application merit (e.g., score), and the overall amount of available funding. Applicants were asked at the time of submission to indicate whether their projects were scalable, indicating that a partial award would be useful in contributing toward the overall project budget. No projects were awarded the full amount requested.

Individual recommendations for each application can be found in Attachment 1.

Legal Authority

- HRS 194-2 (a): Establishes the HISC for the purpose of cabinet-level coordination and planning among state departments, federal agencies, and international and local initiatives
- HRS 194-2 (a)(4): Directs the HISC to create and implement a plan for prevention, early detection, rapid response, control, enforcement, and education
- Act 53, SLH 2018: Provides \$4,750,000 in general funds to be disbursed by DLNR as directed by the HISC

Recommendations

1. That the HISC approve the FY19 budget for HISC support and an interagency project portfolio in substantially the same form as recommended by the Resources Working Group.
2. That, should the Department of Budget and Finance release any portion of the restriction on expenditures, the HISC delegate authority to the Program Supervisor to identify best uses of released funds.

Attachments:

- FY19 Budget Recommendations of the HISC Resources Working Group

Attachment 1: FY19 Budget Recommendations of the HISC Resources Working Group

Projects Recommended for Funding

Abbreviated Project Title	Agency, Division	Applicant	Request	RWG Rec
Plant Informatics Yr 2	UH Botany Department	Dr. Curtis Daehler, Dr. David Duffy, Kelsey Brock	\$54,155	\$33,753
MISC Core Targets	UH PCSU MISC	Adam Radford	\$979,874	\$665,172
MISC Little Fire Ant Nahiku	UH PCSU MISC	Adam Radford	\$244,954	\$125,322
Hawaii Ant Lab	UH PCSU HAL	Casper Vanderwoude	\$278,000	\$226,544
Weed Risk Assessment	UH PCSU WRA	Charles Chimera	\$117,838	\$112,838
Mongoose Toxicant Yr 2	USDA NWRC	Chris Niebuhr	\$25,300	\$18,414
CGAPS	UH PCSU CGAPS	Christy Martin	\$82,000	\$62,000
Hawaii Early Detection Program Yr 2	Bishop Museum	Clyde Imada	\$120,310	\$41,073
Invasive Plant R&T Capacity	UH CTAHR	James Leary	\$268,186	\$134,000
KMWP Albizia Control	UH PCSU KMWP	JC Watson	\$69,071	\$19,384
Ballast Water and Hull Fouling	DLNR DAR	Julie (Jules) Kuo	\$145,044	\$85,000
Jellyfish Biosecurity	DLNR DAR	Julie Kuo	\$9,145	\$1,907
Landscape scale Mosquito Birth Control	DLNR DOFAW	Lainie Berry	\$93,105	\$58,502
MISC Outreach	UH PCSU MISC	Lissa Strohecker	\$135,094	\$81,699
Coconut Rhino Beetle	UH	Michael Melzer	\$151,588	\$100,000
New Ant Baiting Tools Yr 2	UH	Paul Krushelnycky	\$109,874	\$55,000
OISC Outreach	UH PCSU OISC	Rachel Neville	\$131,323	\$80,974
OISC Plants	UH PCSU OISC	Rachel Neville	\$599,724	\$433,808
OISC Pests	UH PCSU OISC	Rachel Neville	\$161,391	\$125,322
Sponge Detection and Monitoring	UH HIMB	Robert Toonen	\$115,355	\$49,145
BIISC Outreach	UH PCSU BIISC	Springer Kaye	\$279,035	\$166,536
BIISC ROD Response	UH PCSU BIISC	Springer Kaye	\$133,140	\$77,191
BIISC Core Targets	UH PCSU	Springer Kaye	\$689,850	\$433,808

	BIISC			
KISC Core Targets	UH PCSU KISC	Tiffani Keanini	\$840,640	\$568,394
KISC Outreach	UH PCSU KISC	Tiffani Keanini	\$140,100	\$84,042
Biocontrol of Himalayan Ginger	USDA Forest Service	Tracy Johnson	\$44,440	\$21,208
Biocontrol of High Priority Plants	USDA Forest Service	Tracy Johnson	\$180,550	\$77,121

Projects Not Recommended for Funding

Abbreviated Project Title	Agency, Division	Applicant	Request
MISC Coqui Community Empowerment	UH PCSU MISC	Adam Radford	\$62,107
Rat & Cat Control for Kauai Forest Birds	DLNR DOFAW	Lainie Berry	\$48,796
ROD Outreach	UH CTAHR	James Friday	\$78,144
Spittle Bug Detection and Contrl Yr 2	UH CTAHR	Mark Thorne	\$98,425
Biocontrol of Albizia	USDA Forest Service	Tracy Johnson	\$162,540
Africanized Honey Bee Prevention	North Carolina State University	David R. Tarp	\$125,516
Building Canine Detection Capacity	HISC	Josh Atwood	\$90,000
Lobate Lac Scale Management	UH	Zhiqiang Cheng	\$43,123
USDA Rat Lungworm Yr 2	USDA NWRC	Chris Niebuhr	\$77,788
Snail Surveys for Rat Lungworm Yr 2	Bishop Museum	Norine Yeung	\$97,551
KMWP L polygalifolium	UH PCSU KMWP	JC Watson	\$64,908
UH Trial Garden	UH CTAHR	Cynthia Nazario-Leary	\$17,639
Banana Fusarium Wilt	UH	Miaoying Tian	\$41,725
Toxoplasmosis Diversity and Hosts	Auburn University	Christopher Lepczyk & Sarah Zohdy	\$27,790
Kauai Parakeets	UH CTAHR	Roshan Manandhar	\$32,868
Biochar Production	UH	Amjad A Ahmad	\$141,253

Abbreviations

Departments: DLNR= Department of Land and Natural Resources; HDOA= Hawaii Department of Agriculture; UH= University of Hawaii; USDA= US Department of Agriculture; USFS= US Forest Service.

Divisions: PCSU= Pacific Cooperative Studies Unit; MISC= Maui Invasive Species Committee; BIISC= Big Island Invasive Species Committee; OISC= O'ahu Invasive Species Committee; WRA= Weed Risk Assessment; HAL= Hawaii Ant Lab; CGAPS= Coordinating Group on Alien Pest Species; KISC= Kaua'i Invasive Species Committee; CTAHR= College of Tropical Agriculture and Human Resources; KMWP= Ko'olau Mountain Watershed Partnership; DAR= Division of Aquatic Resources; NWRC= National Wildlife Research Center;