Hawai'i Invasive Species Council

Meeting Agenda - August 23, 2023

1. Call to Order
2. Introductions of voting Council members & legislative representatives
3. Approval of minutes from June 22, 2023
4. Presentations: FY24 HISC Recommended Budget - *Rob Hauff (Chair of RWG), Chelsea Arnott (HISC Support) & HISC Support to the Island Invasive Species Committees - Franny Brewer (Manager of Big Island Invasive Species Committee)*
5. Submittal: Requesting approval of the recommended HISC budget for Fiscal Year 2024
6. Public Comments
7. Adjournment

Reminders

- This meeting is to approve the recommended FY24 HISC budget
- Council members, legislative representatives, and Resources Working Group members that are participating virtually will be attending through Zoom. A link was sent to those individuals prior to the meeting.
- Members of the public that requested oral testimony should have received the Zoom link but will remain muted until the public comments section
- *The meeting is livestreaming on the HISC YouTube channel*

Hawai‘i Invasive Species Council Meeting

Submittal to Approve the Recommended FY24 HISC Budget
Wednesday, August 23, 2022

Presented by Resources Working Group Chair, Rob Hauff (DLNR, Forestry & Wildlife) & HISC Coordinator, Chelsea Arnott (Program Support)

In-person Attendees at the DLNR Board Room located in the Kalanimoku Building Honolulu, HI
Virtual Attendees live via Zoom link and public attendance through HISC YouTube

Background

- The Hawai‘i Invasive Species Council was established by State Statute (HRS 194) in 2003 with the purpose of
  - Filling gaps between agency mandates or existing agency programs, and/or
  - Advance our collective knowledge through research and development of new tools and technology.
- The HISC receives funding from the State Legislature each year that supports interagency invasive species projects and programs.
  - Funds are disbursed via an intergovernmental granting process where state, county, and federal agencies may submit requests for funding that are evaluated by the HISC Resources Working Group who develops the recommended budget to be approved by the Council.

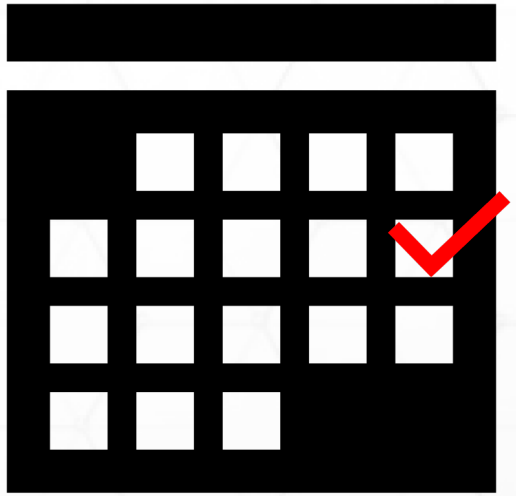
Members of the HISC Resources Working Group

Members were designated by the Council and represent each of the Council departments as well as HISC Support Staff

- Rob Hauff, Chair (DLNR-FW)
- Tomo Murata (HDOT)
- Darcy Oishi (HDOA)
- Janis Matsunaga (HDOA)
- Mike Melzer (UH)
- Christy Martin (UH)
- Matt Kurano (HDOH)
- Lizzy Monaghan (DLNR-DAR)
- Leyla Kaufman (HISC Support)
- Chelsea Arnott (HISC Support)
- DBEDT (Vacant)

FY23 HISC Funding Timeline

- APPLICATIONS
  - Call for Proposals – May 1st
  - Informational Webinar – May 5th
  - Deadline for applications – 5:00 pm (HST), June 2
- EVALUATIONS
  - Evaluations begin – June 13th
  - Deadline for evaluations – July 28th
- RESOURCES WORKING GROUP – August 7th
- COUNCIL MEETING – August 23rd 1PM



Drafting a Recommended Budget

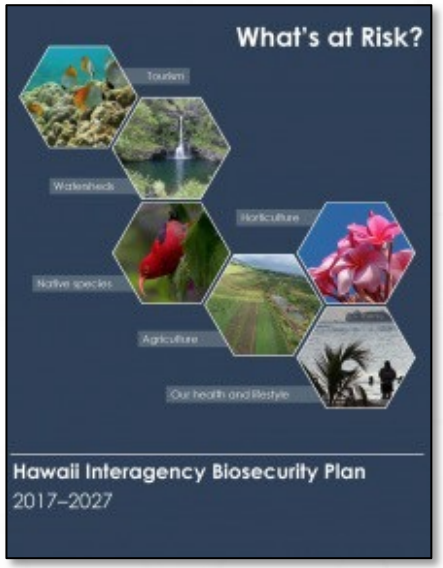
- Members of the Resources Working Group evaluate applications
- Final application scores are entered into RWG spreadsheet
- Applications are ranked lowest to highest scoring
- Formula in spreadsheet generates a recommended award amount based on **score, requested amount,** and **total available funding** to create a balanced budget
- RWG meeting to produce final recommendation based on discussion
- Structured primarily as a discussion among members
  - Applicants are invited to attend for transparency about the process and discussion
- Council reviews budget for approval

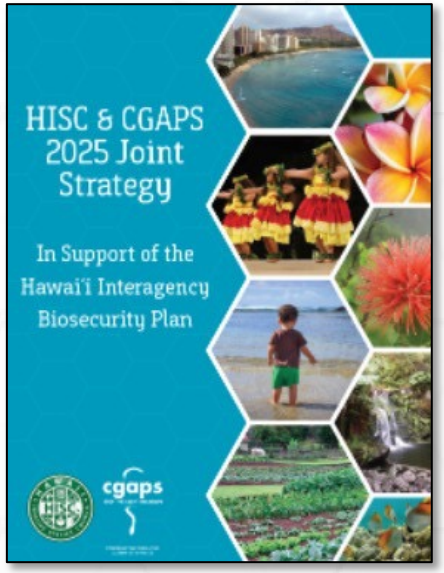
Scoring Applications

- Members of RWG scored applications based on the proposed project's ability to address the 5 funding priorities outlined in the HISC/CGAPS 2025 Joint Strategy (**45 points possible**)
- Additional points determined by HISC Support Staff on relevance to sectors – Agriculture, Natural Resources, Transportation, Human Health, Economy, Research (**6 points possible**)
- Leveraged funding score based on what was provided in the application (**6 points possible**)
- Total points possible – **57**

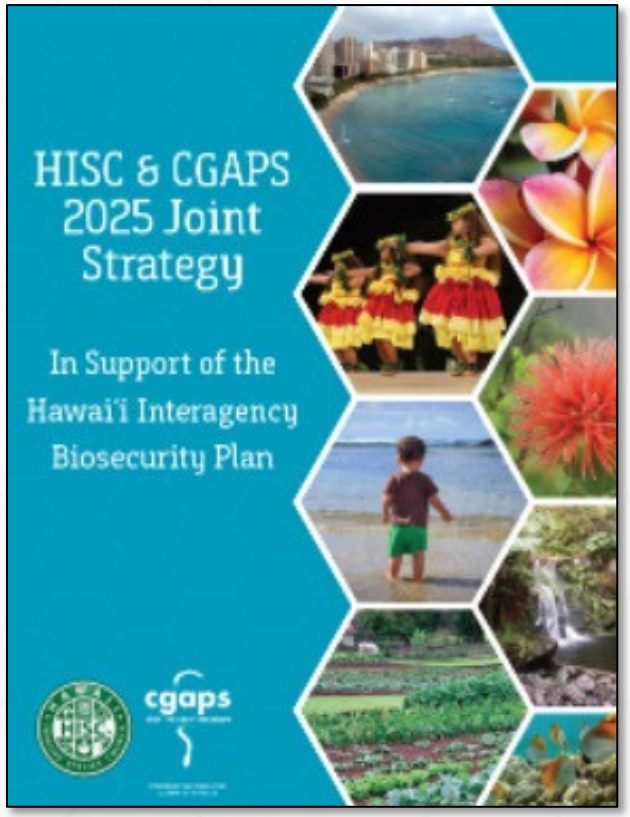
Background on Funding Priorities

- The [Hawai'i Invasive Species Council (HISC)](#) provides interagency coordination and direction on invasive species issues in Hawai'i. Each year, the State Legislature provides funding through the HISC to support projects and programs that:
  - *fill gaps between agency mandates and existing programs*, and/or
  - *advance our collective knowledge and tools through research and innovation.*





FY23 Funding Priorities



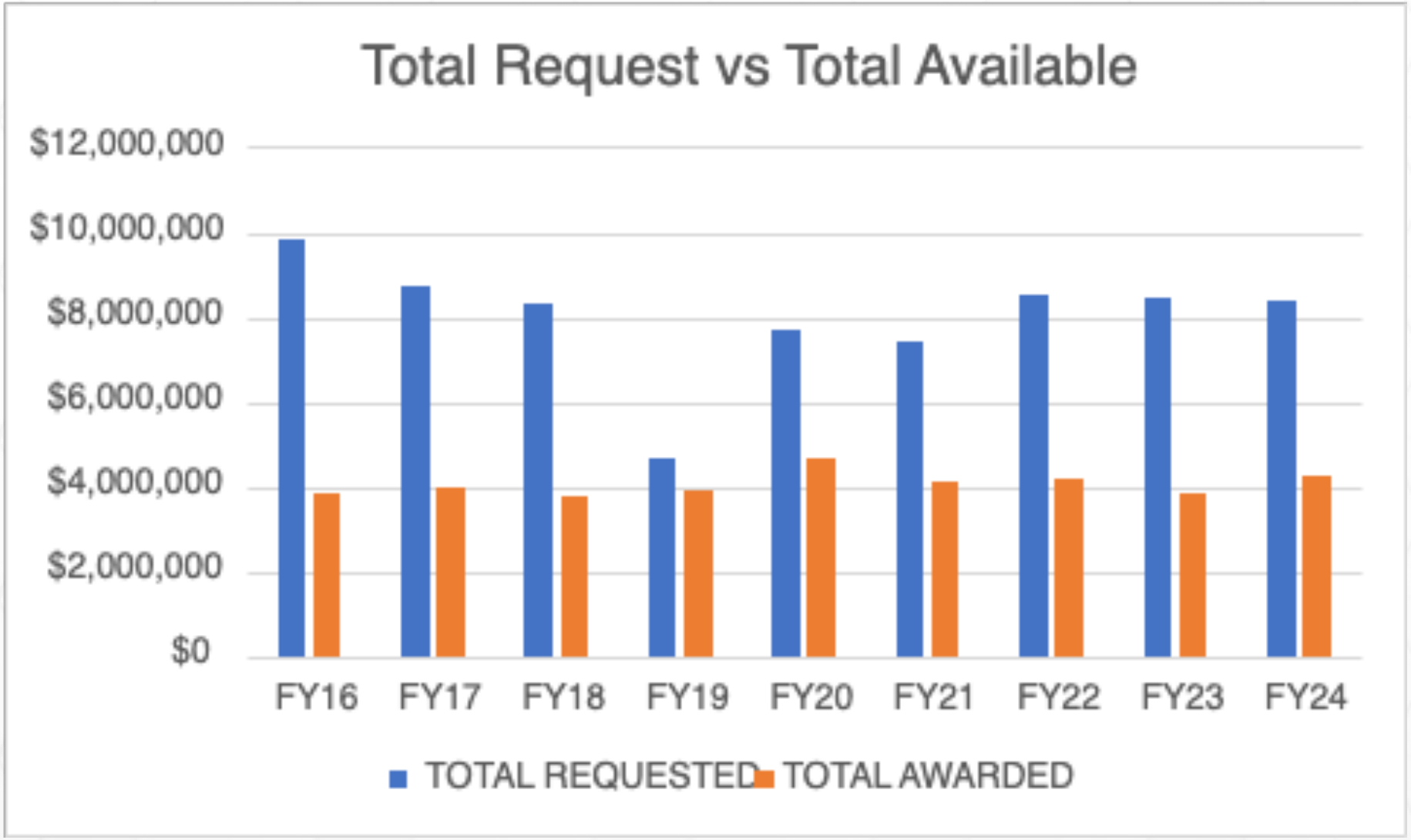
- Prevention & Early Detection/Rapid Response for New Terrestrial & Aquatic Invasions
- Management of the Inter/Intra-Island Movement of Invasive Species *(both aquatic & terrestrial)*
- Implementation Large-Scale Control of Widespread, High-Impact Invasive Species *(does not include classical biocontrol)*
- Increase Pacific Regional Biocontrol Research & Capacity *(classical biocontrol only)*
- Maintain an Engaged & Supportive Community

Develop Electronic listening device to detect Queensland Borer Beetle impacting trees	$28,000
HDOA BioControl (SE Asian Pestiferous Hemiptera)	$27,000
Detector Dog Program - Little Fire Ant - Hawai;i/O'ahu islands	$99,722
BioControl of Melastomes and High Priority Plants	$209,000
Investigates Ramie Moth impacts on plants/insects	$61,812
Biocontrol Research Cost/Benefit Analysis UHERO	$115,020
ROD Outreach Extension Program / 6-mo. Salary	$42,359
Fountain Grass BioControl USDA	$53,000
Alibizia BioControl USDA	$144,000
HoneyCreeper protection on Kaua'i using Mosquito Biolarvacide	$35,000
Survey for Tibochina and Strawberry Guava BioControl Expansion	$107,974
BIISC Mitigating Impacts of Invasive Species	$506,749
OISC 5 Priority Weeds Control	$897,837
Albizia removal capacity - O'Ahu	$169,617
BIISC Detection and Control of Invasive Plants	$713,337

HDOA BioControl Capacity Expansion	$352,184
Dectection/Control Two-Line Spittlebug	$529,332
OISC EDRR	$508,965
Dept Health Wolbachia/Mosquito Program to Prevent human infection of Disease	$120,000
OISC Outreach/Staffing	$210,482
MISC MoMISC Community Engagement	$324,283
KISC EDRR + Control	$974,930
KISC Public Outreach + Education	$144,437
Ballast Water and Hull Fouling	$82,000
Little Fire Ant - Oahu Monitor and Control*	$320,307
BIISC Community Engagement	$352,256
MISC/MoMISC Detection/Control/Outreach/Staffing	$1,281,322
CGAPS Staffing Program-Outreach	$83,500

FY24 Available HISC Funding

	FY24	FY23
Total Requests	**$8,494,425**	$8,246,824.55
Appropriation	**$7,250,000**	$6,750,000
20% Cut to LNR402	**$1,506,382.04**	$1,498,882.75
After Restriction (10%) & DOFAW Overhead (7%)	**$4,686,081**	4,401,172
HISC Support, HBIN, WRA*	**$584,072.75**	$630,597.72
Remaining	**$4,102,008.25**	$3,830,870.37


Total Request vs Total Available
$12,000,000
$10,000,000
$8,000,000
$6,000,000
$4,000,000
$2,000,000
$0
FY16
FY17
FY18
FY19
FY20
FY21
FY22
FY23
FY24
TOTAL REQUESTED
TOTAL AWARDED

Questions from Council or Legislative members before presenting the recommended FY24 HISC Budget?

Not Recommended Funding for FY24

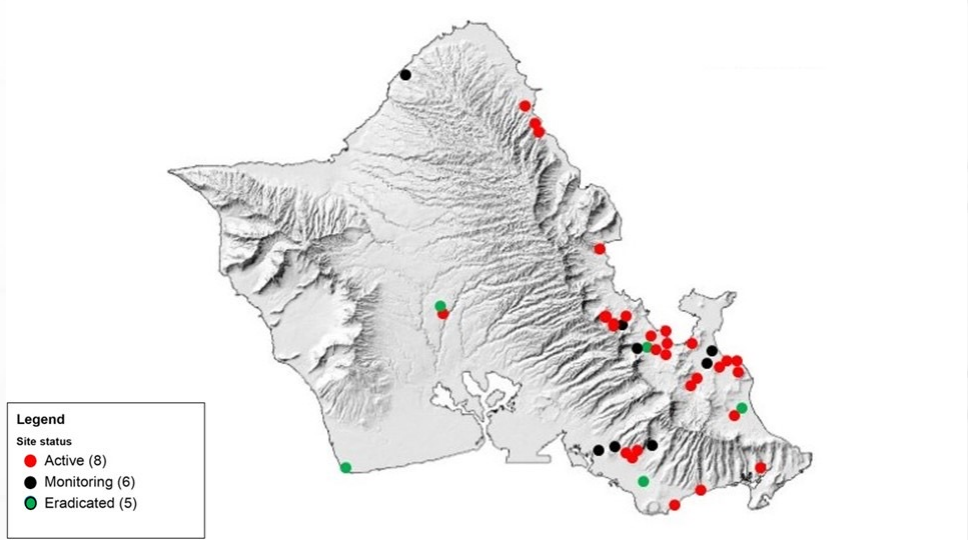
Overall Rank	Application Title	Program	Total Requested	RWG Recommended Award Amount
28	Develop Electronic listening device to detect Queensland Borer Beetle impacting trees	UH CTAHR	$28,000	$0
27	HDOA BioControl (SE Asian Pestiferous Hemiptera)	HDOA Plant Industry	$27,000	$0
21	Fountain Grass Biocontrol USDA*	USDA Forest Service	$53,000	$0
19	HoneyCreeper protection on Kaua'i using Mosquito Biolarvacide*	DLNR Forestry & Wildlife	$35,000	$0

Recommended Project Awards - Project Capacity

Overall Rank	Application Title	Program	Total Requested	RWG Recommended Award Amount
22	ROD Outreach Extension Program / 6-mo. Salary	UH, College of Tropical Agriculture & Human Resources	$42,359	$13,622
13	HDOA Biocontrol Capacity Expansion	HDOA Plant Industry	$352,184	$149,019
5	Ballast Water and Hull Fouling	DLNR, Aquatic Resources	$82,000	$82,000
1	CGAPS Staffing Program-Outreach	CGAPS	$83,500	$73,489

Recommended Project Awards - Hawai‘i Ant Lab

Overall Rank	Application Title	Program	Total Requested	RWG Recommended Award Amount
26	Detector Dog Program - Little Fire Ant – Hawai‘i/O'ahu islands	UH, Hawai‘i Ant Lab	$99,722	**$25,317**
4	Little Fire Ant - Oahu Monitor and Control*	UH, Hawai‘i Ant Lab	$320,307	**$184,322**



Recommended Project Awards - US Forest Service Biocontrol Research

Overall Rank	Application Title	Program	Total Requested	RWG Recommended Award Amount
25	Biocontrol of Melastomes and High Priority Plants	USDA Forest Service	$209,000	**$60,135**
20	Albizia Biocontrol USDA	USDA Forest Service	$144,000	**$46,307**

Recommended Project Awards - Mitigation of Invasive Mosquitos

Overall Rank	Application Title	Program	Total Requested	RWG Recommended Award Amount
10	Department of Health Wolbachia/Mosquito Program to Prevent human infection of disease	DOH, Vector Control Branch	$120,000	**$75,000**

Recommended Project Awards - UH Research

Overall Rank	Application Title	Program	Total Requested	RWG Recommended Award Amount
24	Investigates Ramie Moth impacts on plants/insects	UH, College of Tropical Agriculture & Human Resources	$61,812	**$18,831**
12	Detection/Control Two-Lined Spittlebug	UH, College of Tropical Agriculture & Human Resources	$529,332	**$200,000**
23	Biocontrol Research Cost/Benefit Analysis UHERO	UHERO (UH Economic Research Org.)	$115,020	**$57,510**

Recommended Project Awards - Watershed Protection

Overall Rank	Application Title	Program	Total Requested	RWG Recommended Award Amount
18	Survey for Tibochina and Strawberry Guava Biocontrol Expansion	UH PCSU, Ko'olau Mtn Watershed Partnership	$107,974	**$38,377**
15	Albizia removal capacity - O'ahu	UH PCSU, Ko'olau Mtn Watershed Partnership	$169,617	**$68,899**

Recommended Project Awards - Island Invasive Species Committees

Overall Rank	Application Title	Program	Total Requested	RWG Recommended Award Amount
17	BIISC Mitigating Impacts of Invasive Species	UH PCSU, Big Island Invasive Species Committee	$506,749	$809,502
14	BIISC Detection and Control of Invasive Plants		$713,337	
3	BIISC Community Engagement		$352,256	
16	OISC 5 Priority Weeds Control	UH PCSU, O‘ahu Invasive Species Committee	$897,837	$700,000
11	OISC EDRR		$508,965	
9	OISC Outreach/Staffing		$210,482	
8	MISC/MoMISC Community Engagement	UH PCSU, Maui & Molokai Invasive Species Committee	$324,283	$825,000
2	MISC/MoMISC Detection/Control/Outreach/Staffing		$1,281,322	
7	KISC EDRR + Control	UH PCSU, Kaua‘i Invasive Species Committee	$974,930	$674,677
6	KISC Public Outreach + Education		$144,437	

Total Recommended Awards

	Total Requested	Total Awarded
Programmatic Asks	$5,914,598	$3,009,179
Project Asks	$2,579,827	$1,092,829
Grand Total	**$ 8,674,425**	**$4,102,008.25**

HISC Support to the Island Invasive Species Committees

Franny Brewer, Manager of the Big Island Invasive Species Committee on behalf of the ISC Managers

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

Recommendations

1. That the Hawai‘i Invasive Species Council approve the FY24 budget for HISC support and an interagency budget for invasive species projects and programs recommended by the Resources Working Group provided in Attachment 1, and
2. That, should the Department of Budget and Finance make any changes to the restriction on expenditures, the HISC delegate authority to the HISC Support Staff to identify best way to apply additional restrictions to project funds, or to identify best uses of any released funds, and
3. That, if there are any changes in the scope or implementation of projects over the course of the year, the Council delegate authority to the HISC Support staff to make adjustments to project funds or reassign project funds from any project that does not proceed in a timely manner.

1. ✓ Call to Order
2. ✓ Introductions of voting Council members & legislative representatives
3. ✓ Approval of minutes from June 22, 2023
4. ✓ Presentations: FY24 HISC Recommended Budget - *Rob Hauff (Chair of RWG), Chelsea Arnott (HISC Support) & HISC Support to the Island Invasive Species Committees - Franny Brewer (Manager of Big Island Invasive Species Committee)*
5. ✓ Submittal: Requesting approval of the recommended HISC budget for Fiscal Year 2024
6. Public Comments
7. Adjournment