



2016 Executive Summary

# HAWAII INVASIVE SPECIES COUNCIL

PROVIDING STATE POLICY DIRECTION, COORDINATION, & PLANNING TO PROTECT HAWAII FROM THE IMPACTS OF INVASIVE SPECIES



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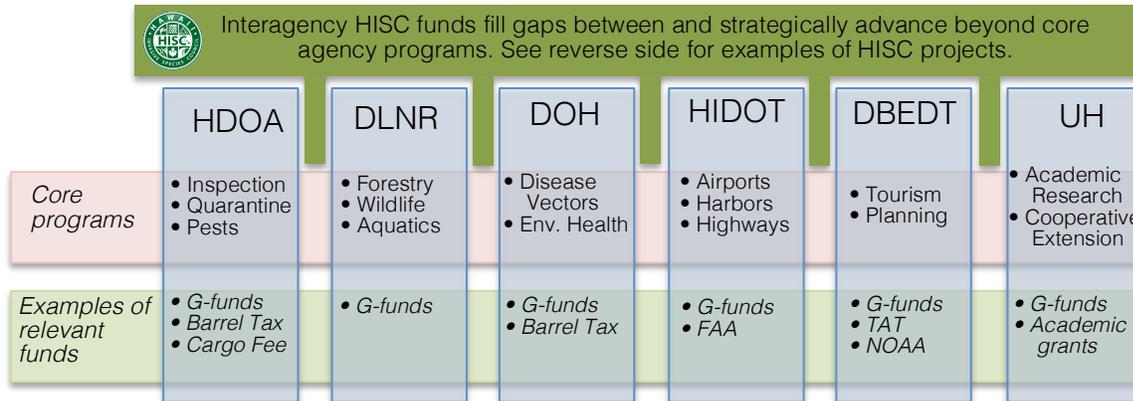
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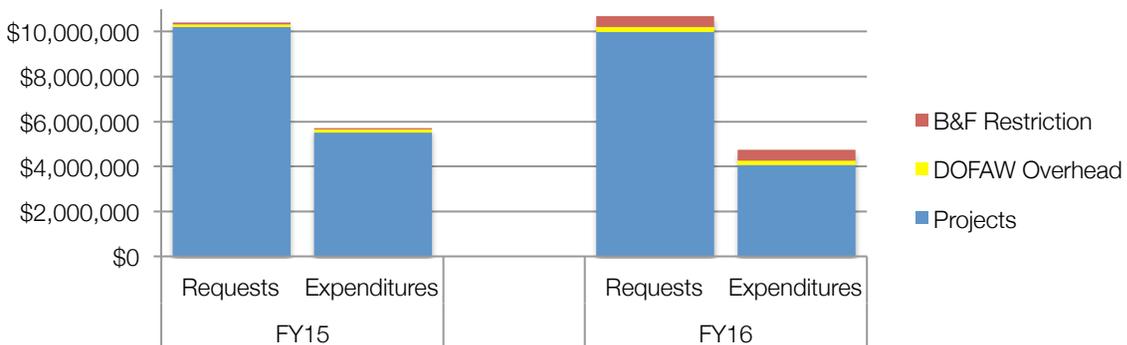
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## Budgetary Issues relating to Invasive Species: Funding Needs

- State agencies address invasive species issues in two ways: 1) through programs funded by individual departmental budgets, and 2) through the interagency budget for the Hawaii Invasive Species Council.
- HISC-funded projects complement existing programs** within state agencies and are those that:
  - Fill gaps between agency mandates or existing agency programs, and/or
  - Advance our collective knowledge through research and development of new tools.

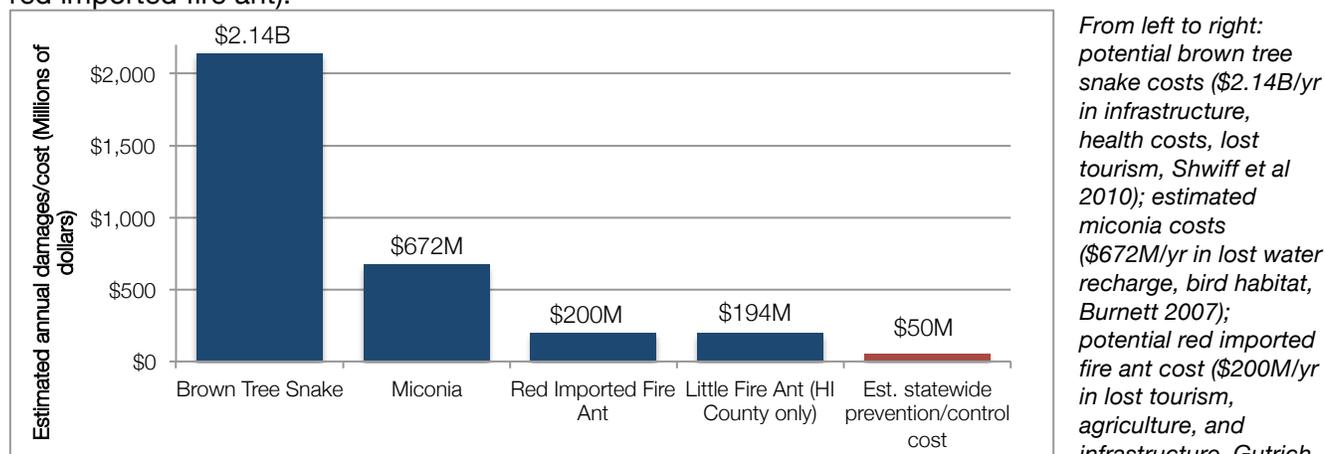


- HISC funds are appropriated by the legislature. The interagency HISC is administered by DLNR and is housed within LNR 402. The legislature **provided \$5.75M in FY15 and \$4.75M in FY16** for HISC projects. HISC-funded projects provided 1:1 leverage of non-state funds.
- The HISC received \$10M in requests** for project funds in FY15 and again in FY16, and was able to partially fund approximately half of these requests.



## The Cost of Inaction: Economic Damages from Invasive Species

Economic impacts from a sample of high-risk species are presented below, including estimated damages from species that are currently present in Hawaii (miconia and little fire ant) as well as potential damages from species that have so far been kept from establishing (brown tree snake and red imported fire ant).



et al., 2007); estimated Little Fire Ant cost, HI County only (\$194M/yr in costs to agriculture, nurseries, residents, other sectors, Motoki et al., 2013); estimated additional annual need to support invasive species programs (\$50M, LRB, 2002). Full citations available in Section II of the 2016 HISC legislative report.

## HISC-funded Project Highlights, FY15-16

### Research Projects

- Research on containment and treatment of Rapid Ohia Death (Ceratocystis wilt)
- Continued development of a pilot program utilizing detector dogs for finding Little Fire Ants
- Research for new control methods for Little Fire Ants
- Research on improving Herbicide Ballistic Technology for invasive plant control

### Prevention Projects

- Development of a biosecurity plan for Kaho'olawe
- Support for the Hawaii-Pacific Weed Risk Assessment to assess the invasiveness of nonnative plants
- Development of new ballast water and hull fouling policies for Hawaii

### Control Projects

- Control of Little Fire Ant statewide via the Hawaii Ant Lab
- Control of Coconut Rhinoceros Beetle on O'ahu
- Detection and control of new pests through support for the Invasive Species Committees (ISCs)
- Control of albizia on Hawaii Island via the Big Island Invasive Species Committee

### Outreach Projects

- Community-based outreach in each county through support for the ISCs
- Development of online pest reporting systems at [www.reportapest.org](http://www.reportapest.org)

The HISC is a cabinet-level, interagency board created by Chapter 194, HRS. Appointed HISC Legislative participants include:

- Senators Ronald Kouchi, Mike Gabbard, J. Kalani English, and Lorraine Inouye
- Representatives Derek Kawakami, Chris Lee, Kaniela Ing, and Richard Onishi

For more information, visit <http://hisc.hawaii.gov>, or contact the HISC Program Supervisor Joshua Atwood at 587-4154 or [Joshua.P.Atwood@hawaii.gov](mailto:Joshua.P.Atwood@hawaii.gov)