

FSM Invasive Alien Species Project

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Project Communications and Knowledge Management Officer

GEF6 FSM IAS Project

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SAFEGUARDING BIODIVERSITY FROM INVASIVE ALIEN SPECIES

IN THE FSM























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Barriers

- Inadequate governance and supporting regulations, coordination mechanisms, and communication to prevent the introduction of new IAS and control the spread of established IAS
- Lack of understanding about IAS, their identification, modes of introduction and spread, and socio-economic impacts and their management in terms of reporting, monitoring and eradication/control measures
- Limited operational capacity at State entry/exit ports, in terms of IAS-certified officials, inspection and quarantine facilities, fumigation equipment and online access to IAS information, to inspect freight, crews and passengers; and limited outreach to address the spread of IAS in terrestrial and marine ecosystems.



Outcome 1 & Expected Outputs

National biosecurity governance framework strengthened, institutionalized, sustainably financed and aligned with relevant Pacific initiatives

- 1.1 Biosecurity governance framework strengthened, institutionalized and aligned with relevant Pacific initiatives
- 1.2 IAS legislative and policy framework reviewed and revised, taking account of new Biosecurity Act of 2017
- 1.3 FSM Quarantine Services expanded into Biosecurity Authority with enhanced quarantine services and enforcement capacities, cost recovery system in place for port inspections, new Biosecurity Extension Service role and effective national-state coordination mechanism
- 1.4 Cost-benefit analyses of economic impacts of priority IAS on biodiversity, food security, livelihoods, health, and production systems versus preventative measures to eradicate and control such species

Outcome 2 & Expected Outputs

Enhanced biosecurity awareness and capacity to safeguard terrestrial and marine ecosystems and agricultural and fishery production systems from IAS impacts

2.1 Biosecurity Communications Strategy and Action Plan developed and implemented, including events, outreach materials and knowledge products to target relevant sector

2.2 Modular Biosecurity Training Program on IAS management and compliance designed, delivered across relevant sectors and institutionalized

Outcome 3 & Expected Outputs

Biosecurity protocols operational and enhanced to prevent IAS introductions via ports of entry/exit and to safeguard natural and production terrestrial and marine systems from IAS

- 3.1 All international ports adequately staffed and equipped, including quarantine facilities and access to BIS, for inspection of air and sea freight, crews, passengers and their baggage on entry and exit
- 3.2 Extension services including helpline operationalized in each State supporting landowners, farmers and fishing communities to identify IAS measures to eradicate or contain
- 3.3 Safeguards and monitoring demonstrated in landscapes/seascapes in each State, with guidelines developed for mainstreaming across sectors and replication at other sites

Outcome 4 & Expected Outputs

Effectiveness of IAS interventions improved by enhanced digital access to and management of information

- 4.1 Web-based Biosecurity Information System (BIS) developed to support identification, screening, monitoring and reporting of IAS and biosecurity data
- 4.2 Project implementation and decision-making informed by having a monitoring and evaluation system in place
- 4.3 Project results and lessons learned shared with project stakeholders and disseminated more widely across Pacific via BIS and engagement in regional IAS networks

Challenges

- Lack of sustained financing of IAS work
- Limited technical capacity and number of staff
- Political will to support control, management and eradication
- Availability of equipment and supplies for effective enforcement at the Ports
- Resistance from landowners towards eradication efforts
- Eradication of newly introduced IAS and management of established IAS at the States



• Review and update of National Invasive Species Strategy and Action Plan and State IAS Taskforce Strategic Action Plans.















- Procurement of Biosecurity equipment for FSM Air/Sea Ports
- Renovation/refurbishment of biosecurity facilities









- Biosecurity Modular Training Program with the College of Micronesia-FSM
- Development of a Biosecurity Information System with UNCTAD
- Drafting of Rules and Regulations to operationalize Biosecurity Act of 2017

• IAS awareness and outreach at demonstration sites









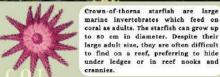




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Crown-of-thorns starfish are a major cause of hard coral loss on the Great Barrier Reef (Australia). The coraleating starfish is native to the Indo-Pacific region; however, they can occur in plague proportions, consuming vast swathes of hard coral during outbreaks. Crown-of-thorns starfish are one of several pressures facing the Reef. Pressures from climate change are increasing, and the time between reef disturbances is becoming shorter, leaving less time for coral communities to recover.



"SAFEGUARDING BIODITERSITY FROM INVASIVE ALIEN SPECIES IN THE ISSU"

GEF6 FSM INVASIVE ALIEN SPECIES PROJECT NEWSLETTER

One of the aims under Component 8 of the project is so

improve the biosecurity facilities in all the four states of the

Since Departments of Transportation, For Authorities and

Communications and Snowledge Municipanti Officer, of FSM R&D. Ms. Menology Jacob-Oswak and the Civil

conduct the final hidding process of the renosation of the Yap Biosecurity Pacifity. The final outcome of this process will be

Maybelline Mixto of Weng, Chunk as the new GREE ESM IAS at the Chuck Environmental Protection Agency, under the supervision of the State freal point; Director Bradford Most.

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BIOSECURITY EACHITY BIDDING CONFERENCE IN YAR

On May 2023, the Project Management Unit welcomed

Ms. Boverkes (Box) Dunia Fred as the new Communications and Knowledge Management Officer

Prior to idining the team. Ber you the Program Assistan

for the Blue Prosperity Micronesia program under

PEACTIVATION OF THE CHILLIK INVASIVE SPECIES TASK FORCE

African Tulip Tree African tulip tree is indeed an impressive specimen with gigantic, reddish-orange or golden yellow trumpet-shaped flowers and huge,

glossy leaves. It can reach heights of 80 feet (24 m.), but growth is usually limited to 60 feet (18 m.) or less with a width of about 40 feet (12m.). The flowers are pollinated by birds and bats and the seeds are scattered by

African Tulip spreads rapidly in mesic to wet areas, invading pastures and

mature forests. The prolific seeds germinate quickly, reaching

reproductive age in a few years. The

dense thickets can crowd native

vegetation in forests and waterways.

The tree grows up to 6 feet per year, is

shade tolerant, and resprouts after

cutting. The seeds are numerous,

wind-dispersed, can contaminate

other potted plants and they can float

mature forests

water and wind.







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IN THE SOUTH PACIFIC.

ON GUAM, THE DIRECT DAMAGES FROM BROWN TREE SNAKES ARE CLEAR. ONLY TWO OF THE 12 NATIVE FOREST BIRD SPECIES ON THE ISLAND REMAIN,

\$4 MILION IS LOST ANNUALLY IN PRODUCTIVITY FROM SNAKES ELECTROCUTING THEMSELVES ON POWER LINES. AND ONE OUT OF 1,000 EMERGENCY ROOM VISITS RESULTS FROM A SNAKE BITE.



For more information,
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Thank You!