

Invasive Species and Impacts on Ports



Prepared by Lei Rengulbai
National Invasive Species Coordinator
Acting Chief, Division of Protected Areas
and Species



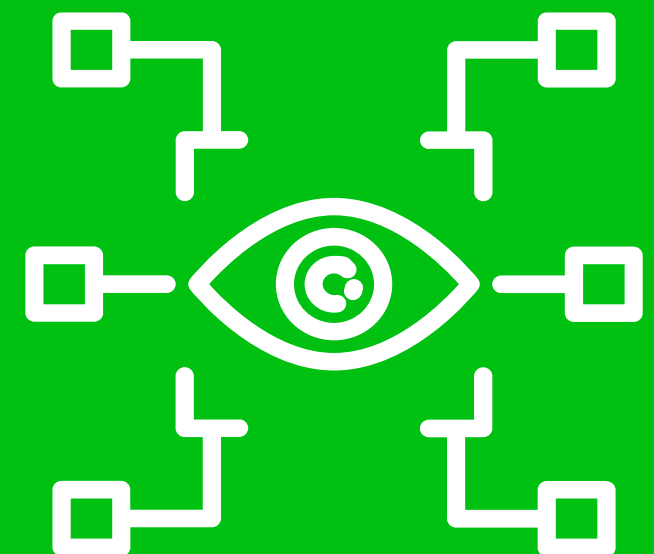
Brief Background

National Invasive Species Coordination Office is currently under the Bureau of Environment

Mandate:

- Control and if possible, eradicate Palau's priority invasive species through collaboration with the NISC and other relevant MAFE divisions and NGOs
- Serve as the secretariat for the National Invasive Species Council

Work carried out by the bureau involves post-border biosecurity:



Introduction

Ports are major gateways for trade and travel---and also a major entry point for invasive species.

Food Security



Ecosystems



Economy



What Are Invasive Species?



Pathways of Introduction

- 01 Cargo ships transport invasive species hidden in containers.
- 02 Ballast water may introduce invasive species to new environments.
- 03 Baggage from air freight can carry unwanted pests and diseases.



Environmental Impacts

Consequences of Invasive Species

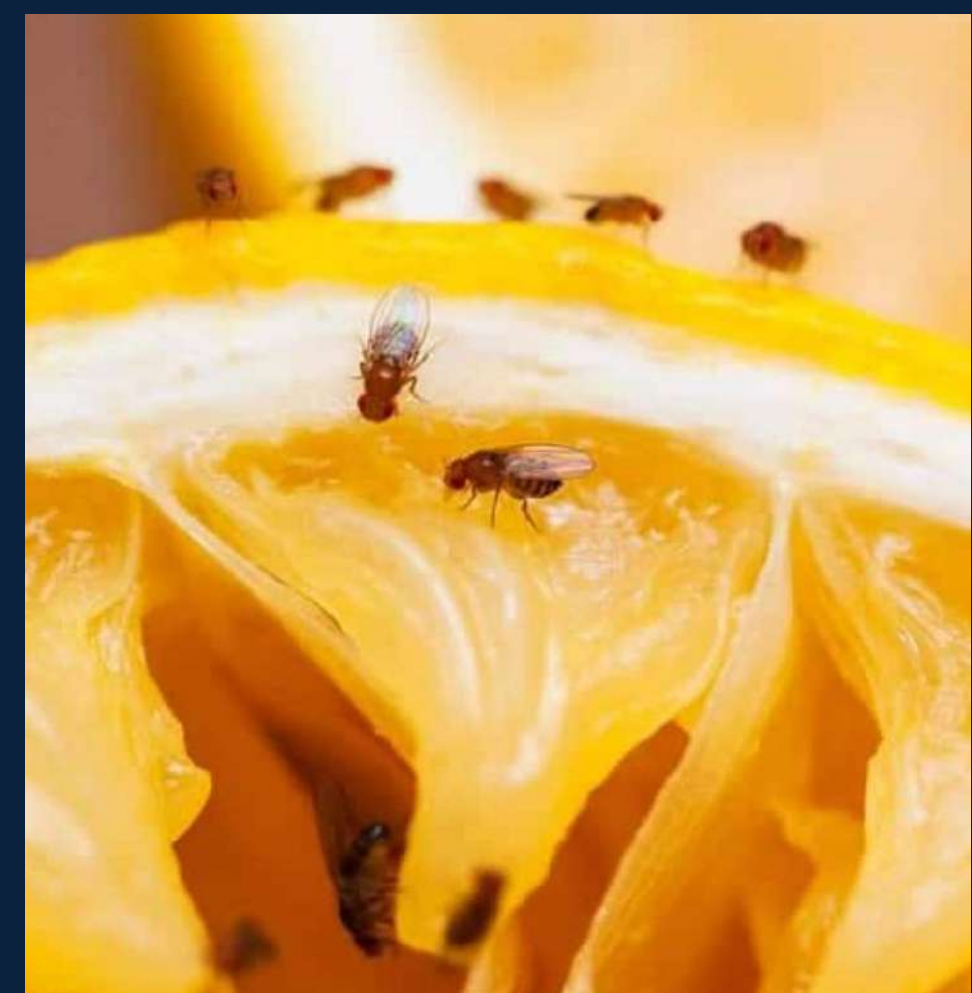
Displacement of Species



Ecosystem Degradation



Disruption of Food Webs





Economic Impacts

- 01 Invasive species cause **significant crop damage** to local agriculture.
- 02 Control and quarantine measures lead to **increased costs** for farmers.
- 03 Export markets face **serious threats** due to infestations.

Impacts on Port Operations

Cargo Handling Slowdown and Rejections

Cargo Handling



Shipment Rejections



Infested Goods



Port Biosecurity Measures

Strengthening Protections at Our Ports

Inspection Protocols



Quarantine Procedures



Public Awareness



Contact

For further inquiries, please reach out using the contact information below.

Phone: (680) 622-3125
Email: palauinvasives@gmail.com
rengulbailei24@gmail.com

