



Priority Pathway Management



Kunming-Montreal

GLOBAL BIODIVERSITY FRAMEWORK

Target 6

Eliminate, minimize, reduce and or mitigate the impacts of invasive alien species on biodiversity and ecosystem services by:

1. identifying and managing pathways of the introduction of alien species
2. preventing the introduction and establishment of priority invasive alien species, reducing the rates of introduction and establishment of other known or potential invasive alien species by at least 50 per cent, by 2030,
3. eradicating or controlling invasive alien species especially in priority sites, such as islands.

Pathways of introduction

Routes and mechanisms of introduction and spread

INTENTIONAL

CATEGORY	Sub-category
RELEASE IN NATURE	<ul style="list-style-type: none"> Biological control Erosion control/ dune stabilization (windbreaks, hedges, ...) Fishery in the wild (including game fishing) Hunting Landscape/flora/fauna "improvement" in the wild Introduction for conservation purposes or wildlife management Release in nature for use (other than above, e.g., fur, transport, medical use) Other intentional release
ESCAPE FROM CONFINEMENT	<ul style="list-style-type: none"> Agriculture (including Biofuel feedstocks) Aquaculture / mariculture Botanical garden/zoo/aquaria (excluding domestic aquaria) Pet/aquarium/terrarium species (including live food for such species) Farmed animals (including animals left under limited control) Forestry (including reforestation) Fur farms Horticulture Ornamental purpose other than horticulture Research and ex-situ breeding (in facilities) Live food and live bait Other escape from confinement

UNINTENTIONAL

CATEGORY	Sub-category
TRANSPORT CONTAMINANT	<ul style="list-style-type: none"> Contaminant nursery material Contaminated bait Food contaminant (including of live food) Contaminant on animals (except parasites, species transported by host/vector) Parasites on animals (including species transported by host and vector) Contaminant on plants (except parasites, species transported by host/vector) Parasites on plants (including species transported by host and vector) Seed contaminant Timber trade Transportation of habitat material (soil, vegetation,...)
TRANSPORT STOWAWAY	<ul style="list-style-type: none"> Angling/fishing equipment Container/bulk Hitchhikers in or on airplane Hitchhikers on ship/boat (excluding ballast water and hull fouling) Machinery/equipment People and their luggage/equipment (in particular tourism) Organic packing material, in particular wood packaging Ship/boat ballast water Ship/boat hull fouling Vehicles (car, train, ...) Other means of transport



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Target 6 Invasive Alien Species
Training materials

Featured pathways

PATHWAY	DESCRIPTION
Shipping containers / bulk cargo	Accidental stowaways on containers, bulk freight, air freight, rail freight
Biofouling	Unintentional introductions on hulls of ships and boats
Tourism	Unintentionally stowaways on people, their luggage or personal equipment
Pet and aquarium escapees	Escapees from private collectors or hobbyists
Horticulture	Escapees from commercial cultivation e.g. nurseries, greenhouses



Major pathways in the Pacific

HIGH IMPACT PATHWAYS

1. Shipping containers / bulk cargo
2. Biofouling
3. Tourism
4. Pet and aquarium escapees
5. Horticulture

QUESTION: Are there other major high impact pathways for your country/area of interest?



Major pathways in the Pacific

GROUP ACTIVITY

For each pathway, identify:

- a. key challenges
- b. opportunities to improve action

in your country, or within the region, to improve pathway management to reduce the risk of introduction and establishment of new IAS.