A collaborative approach to Invasive Marine Pest Monitoring in WA Ports

State-Wide Array Surveillance Program (SWASP)



Department of Primary Industries and Regional Development

GOVERNMENT OF WESTERN AUSTRALIA



Invasive Marine Species



Invasive marine species (IMS) are marine plants or animals that are not native to Australia but have been introduced by human activities.

IMS have the potential to significantly impact marine industries, aquaculture and local environments.

Settlement Arrays







- PVC plates soaked for two months at a time, twice per year.
- Shoreline surveillance at key locations.

Australian Government Department of Agriculture, Water and the Environment ABARES

A GLIMPSE OF THE MAKING GENERAL SURVEILLANCE WORK PROJECT FINDINGS State-Wide Array Surveillance Program (SWASP)

The data flow process



Shining success ...

Since it's establishment in just 3 ports, the SWASP program has collaboratively adapted, evolved, innovated and grown into an award-winning biosecurity surveillance program in 11 ports across the state. It won the WA Golden Gecko Award for environmental excellence (2018), Australian Biosecurity Award (2019) and an Institute of Public Administration Australia Achievement Award (2020). However, the creation of a strong network of government regulators, port authorities and the general public who are now aware and involved in protecting WA from invasive marine pests, is valued as a greater achievement.

Setting a new standard for Marine Biosecurity



Australian Government Department of Agriculture, Water and the Environment ABARES

A GLIMPSE OF THE MAKING GENERAL SURVEILLANCE WORK PROJECT FINDINGS State-Wide Array Surveillance Program (SWASP)

SWASP has succeeded in providing robust, coordinated, collaborative and consistent surveillance of potential marine pests within ports across Western Australia (WA), filling an important gap in the existing marine biosecurity surveillance for the state.

