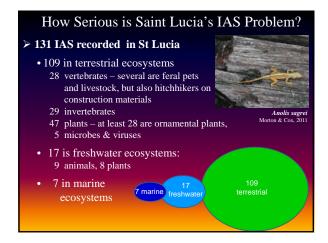
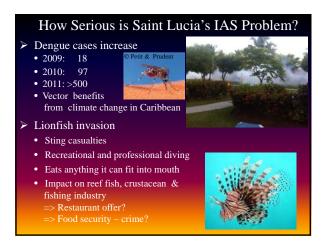


What are Invasive Alien Species (IAS)? IAS are plants, animals or micro-organisms that are not native to a specific ecosystem and whose introduction threatens biodiversity, food security, health or economic

development.

What are the Costs of IAS? IAS are the second most important threat to global biodiversity (second to habitat destruction) The global cost of IAS is estimated at US\$1.4 trillion per year (nearly 5% GDP) – and rising in times of globalization and climate change. Extrapolated to Saint Lucia, the annual cost of IAS is EC\$244 million, or nearly EC\$1,500 per capita per year. Pink Hibiscus Mealybug on Asian Ornamentals

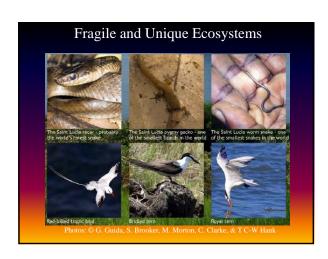




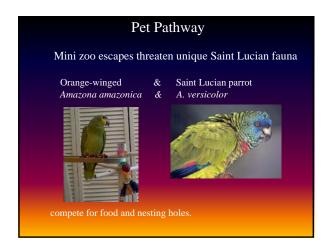


How Serious is Saint Lucia's IAS Problem? > Vicious cycle of inflammable grasses and fire hazard at Pigeon Island landmark Lemon grass (Cymbopogon citratus) > Dogs from yachts need a veterinary permit to land. Aggressive breeds are banned, but still bred and traded unhindered.

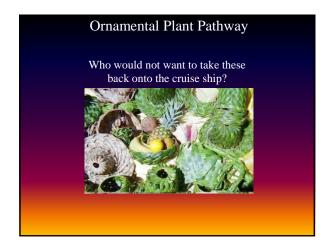




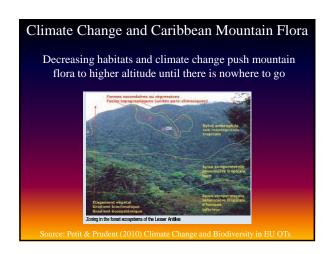


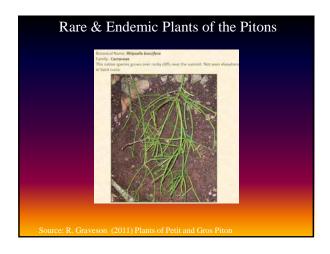


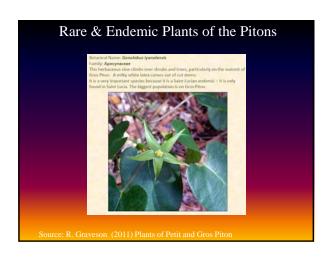


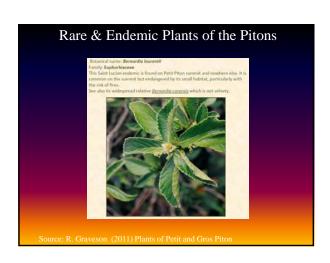


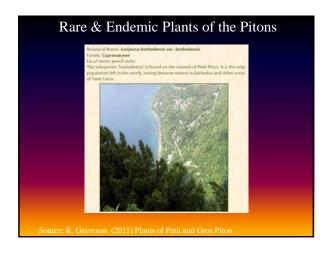






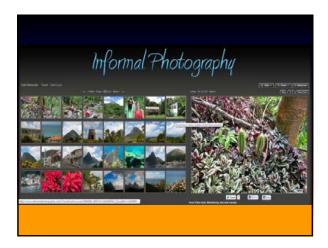












World Heritage Convention

- > Aims to protect the world cultural and natural heritage
- ➤ IAS have been recognized as a threat to
 WH sites, i.e. on Galapagos Islands:
 "Various threats including insufficient
 prevention of possibilities for the
 introduction of alien species, insufficient
 resource allocation for conservation
 agencies and park management, presence of a large number of
 illegal immigrants, rapid uncontrolled growth of tourism, fishing
 over-capacity and sports fishing"
- Non-compliant WHS have lost prestigious status as result of mismanagement development, e.g. Dresden along Elbe valley; Belize Barrier Reef listed as "at risk"

Tools

- ➤ Public Education Campaigns
 - Off-shore islands brochure
 - Lionfish poster and post cards
 - Seagrass poster regional database
 - Youth field trips
- ➤ Voluntary Code of Conduct
 - Developed by and for Ornamental Plant Sector
 - Awareness-raising
 - Promotion of indigenous ornamental species of same use
 - => requires knowing what's native!



X	

Tools Report suspicious sightings Migratory birds, day-active moth and katydid after Hurricane Tomas Photo: M. Morton, DWCT Mark 100 Seap rests in the Cartaleon Photo: M. Morton, DWCT The Indo - Pacific Lionfish The Indo - Pacific Lionfi

Conclusions & Recommendations

- ➤ Prevention is better than cure! Let's keep risky exotics out
- ➤ Most attractive ecotourism sites are at most risk
- > Off-shore islands particularly vulnerable and require utmost care
- Deliberately introduced ornamentals and pets represent huge risk, but VCoC are available or planned.
- Get informed and share this knowledge! Your neighbours, community, colleagues and business partners will appreciate it.
- Authorities require collaboration of private sector to curb smuggling
- Public-Private Partnerships lead to cost-effective measures and minimize conflicts of interest

Thank you! | Description of the property of t