



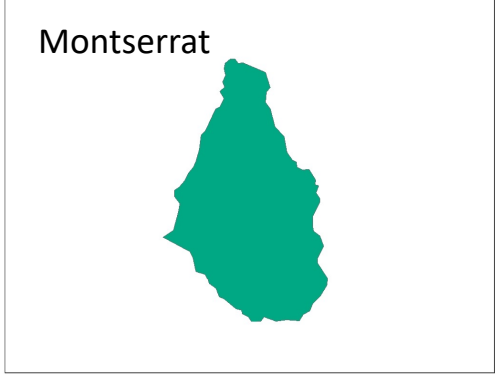
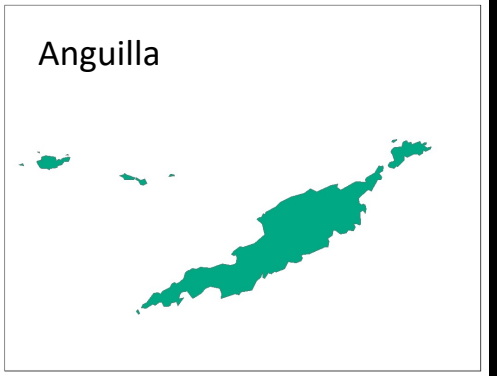
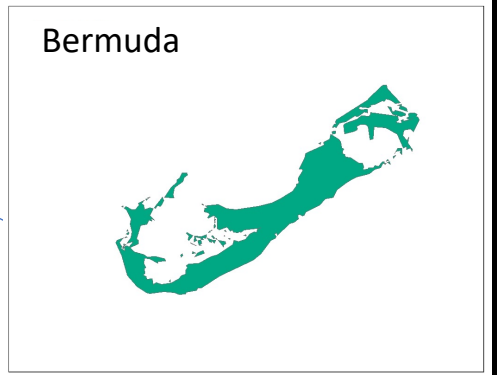
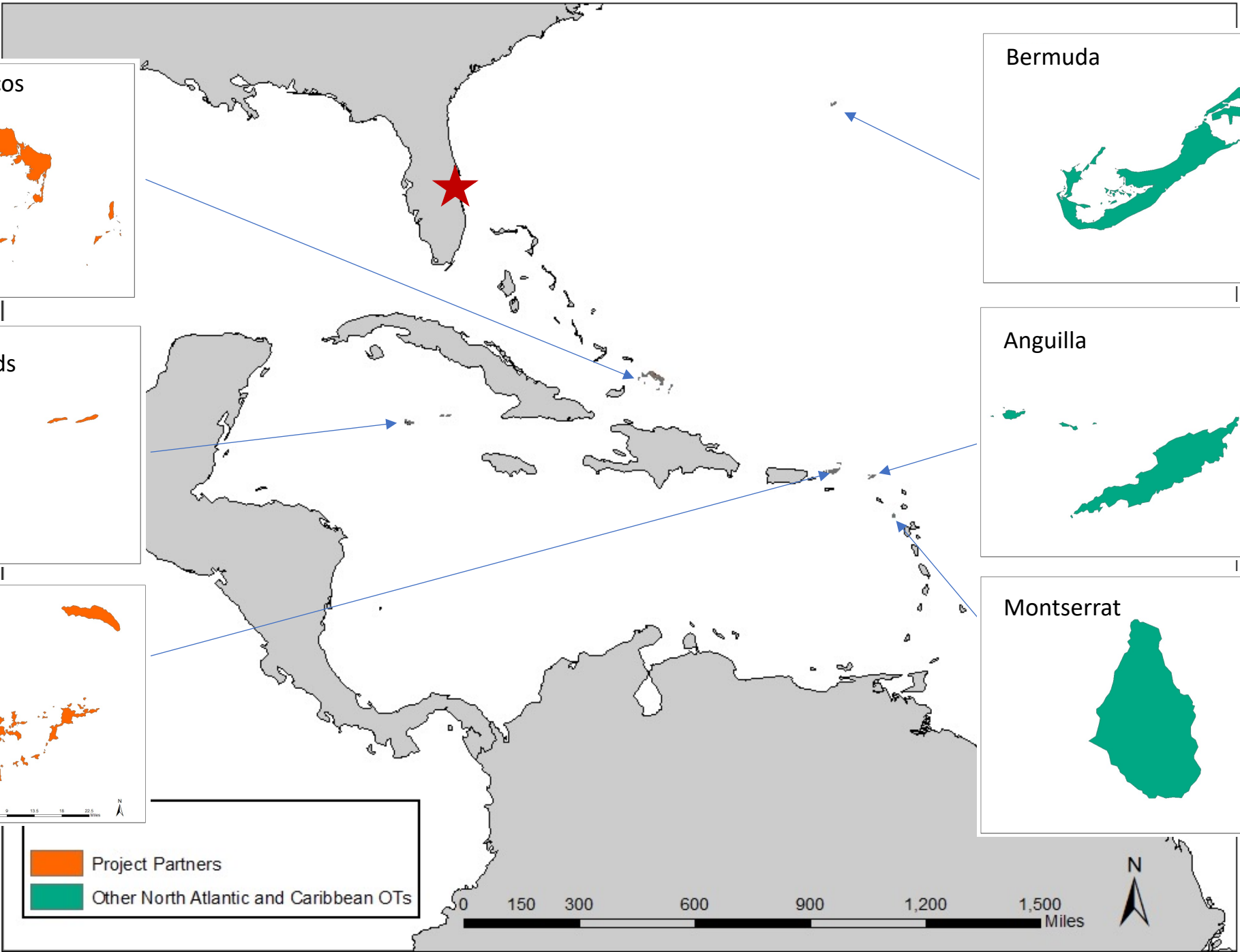
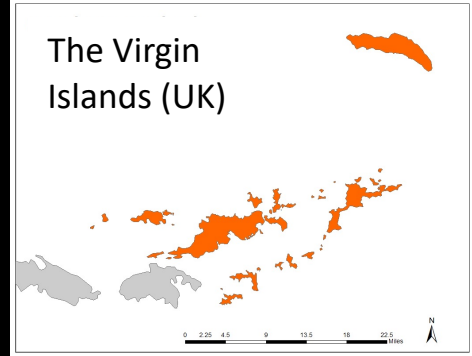
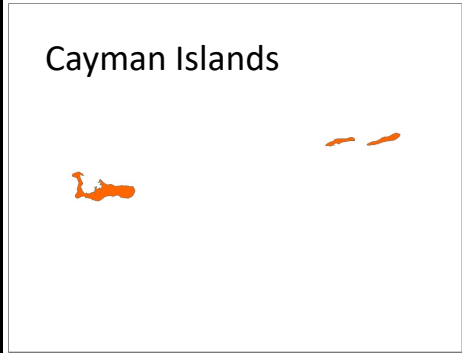
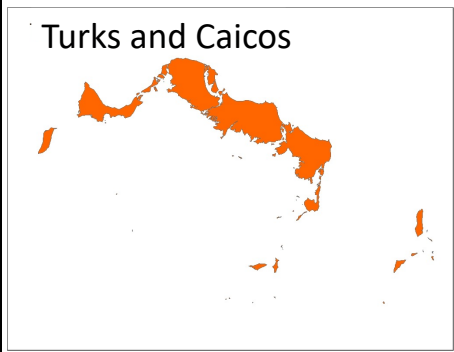
Tackling Stony Coral Tissue Loss Disease (SCTLD) in the Caribbean UK OTs


Argel Horton


British Virgin Islands

Dr Jane Hawkridge

JNCC, UK



 Project Partners

 Other North Atlantic and Caribbean OTs



- Discovered early 2019
- Tried a variety of approaches:
 - Chlorine treatment
 - Amoxicillin in Base2B (90% success)
 - Non-antibiotic formula
Coral Cure D (65% success)

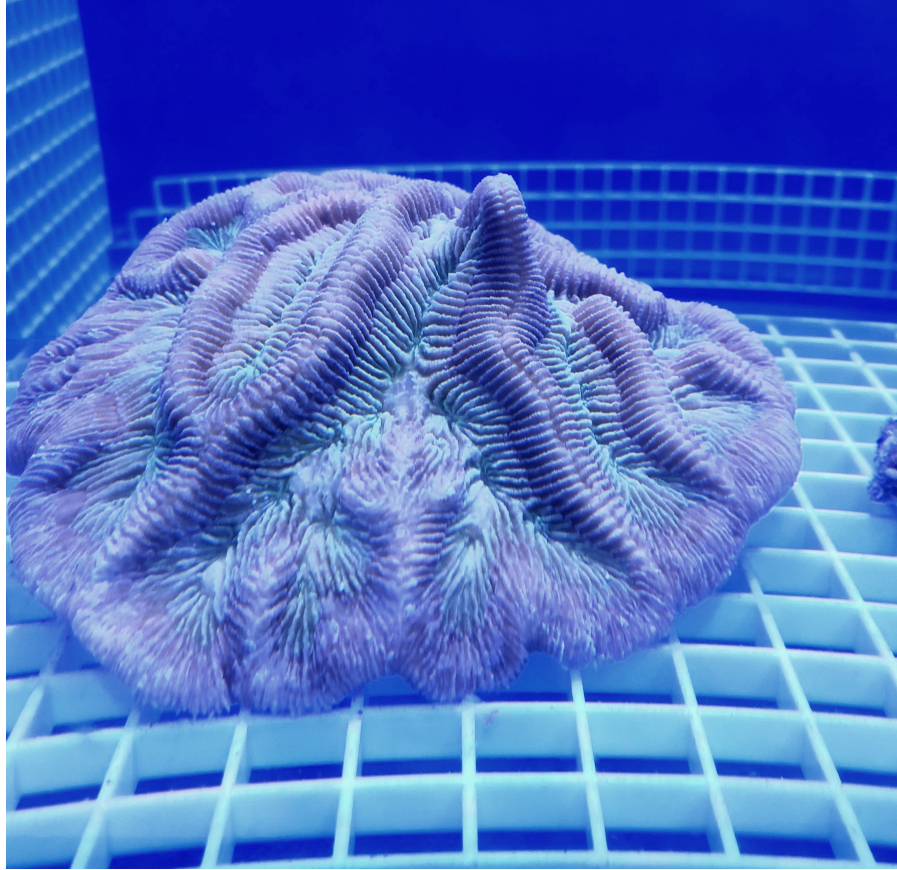


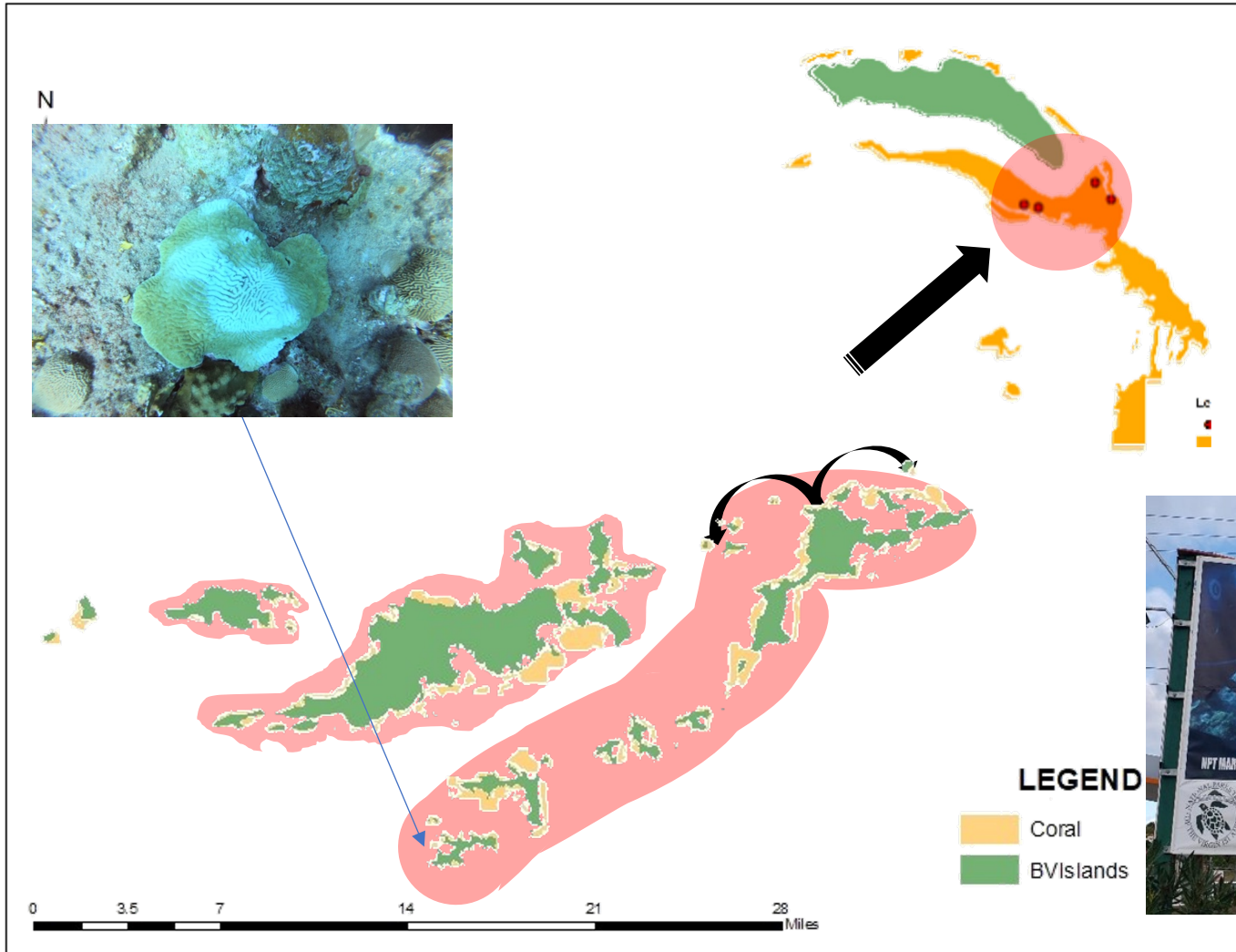
John Ellerman Foundation

Genetic Banking of Stony Corals

Building an Ark to Save threatened
bio-diversity due to Stony Coral
Tissue Loss Disease

10 SPECIES WERE COLLECTED
20 GENETS OF EACH SPECIES WOULD
THEORETICALLY ALLOW FOR INFINITE
GENETIC DIVERSITY





Disease still killing stony corals in Virgin Islands

by Dana Kamp | March 28, 2021



Last year at the wreck of The Rhine, a diver treats a piece of coral infected with Stony Coral Tissue Loss Disease. Since experts last May that the disease had made it to the Virgin Islands, they have encountered it at 21 sites in the territory's waters. (U. PHOTOGRAPHY)

An aggressive disease that can quickly kill stony corals has spread to at least 21 sites in the territory's waters, according to a video released this month by the National Parks Trust of the Virgin Islands.

Responders, however, have been somewhat successful in treating affected sea life and continue working to battle Stony Coral Tissue Loss Disease. Natural Resources, Labour, Immigration Minister Vincent Wheatley said last week in the House of Assembly.

- POPULAR**
- LOCAL NEWS
Fabie faces July trial alone as Maynards prep to plead guilty
June 1, 2023
 - LOCAL NEWS
Trio charged for guns after Spouters searches
June 1, 2023

Warning! Stony Coral Tissue Loss Disease reported in BVI

IN ALL NEWS / BY ON AUGUST 19, 2020 AT 3:37 PM /



(Photo from AlertDiverOnline)



HELP US PROTECT OUR MARINE ENVIRONMENT

Our Marine Environment is under threat. Many of our corals are impacted by the stony coral tissue loss disease (SCTLD).

SCTLD is suspected to be caused by bacterial pathogens spreading via waterways. We therefore encourage boaters to **refrain from emptying your holding tanks within 1,000 metres of land.**

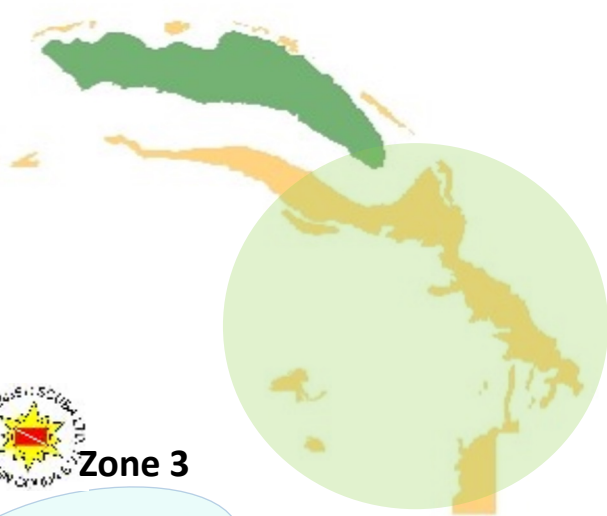
VISIT WWW.BVINPT.ORG FOR MORE INFORMATION

The Virgin Islands (UK)





Coral Reef Strike Team Designated Zones



Zone 6



Zone 3



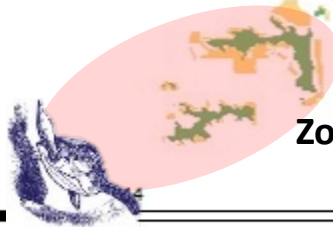
Zone 4



Zone 5




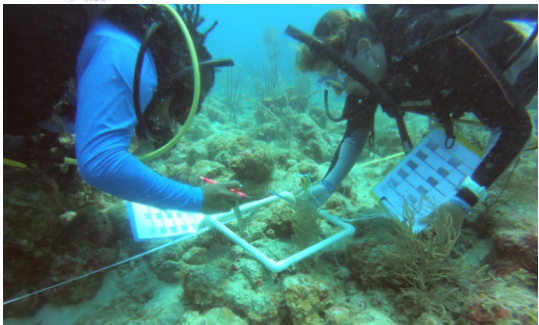
Zone 2

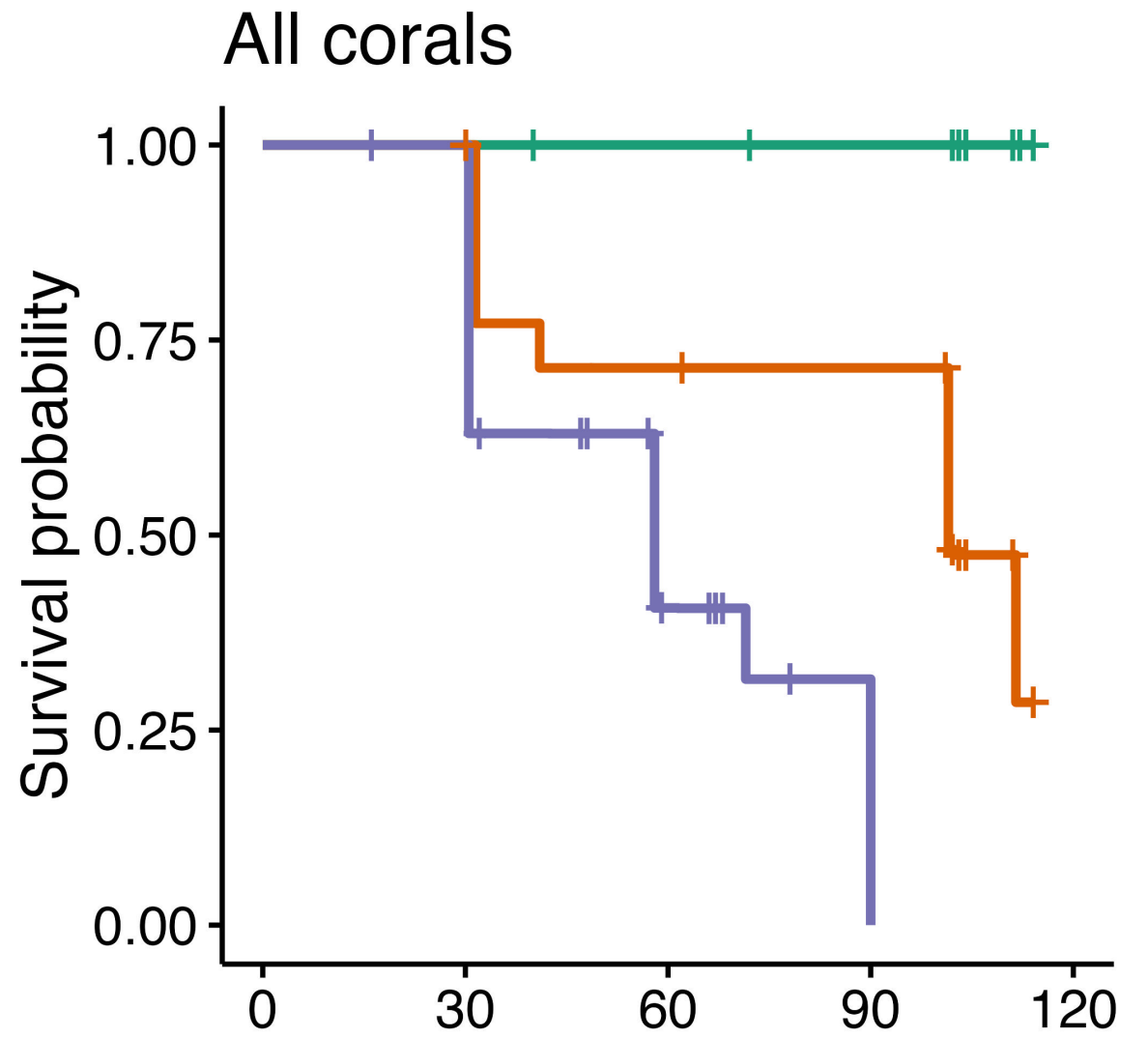


Zone 1

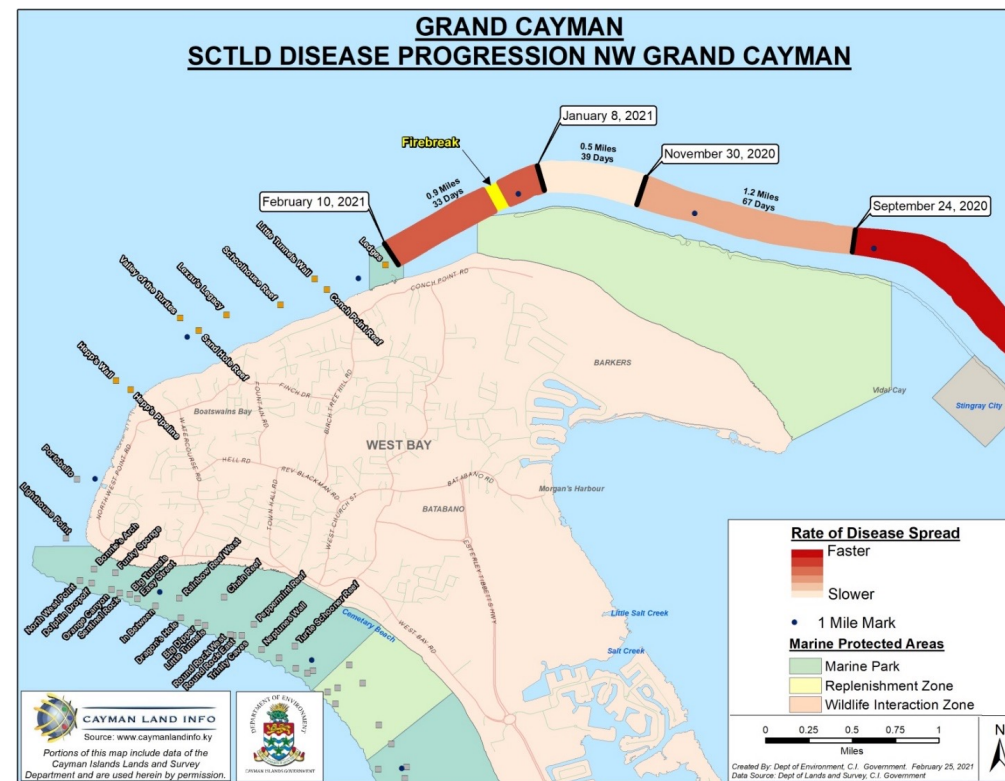
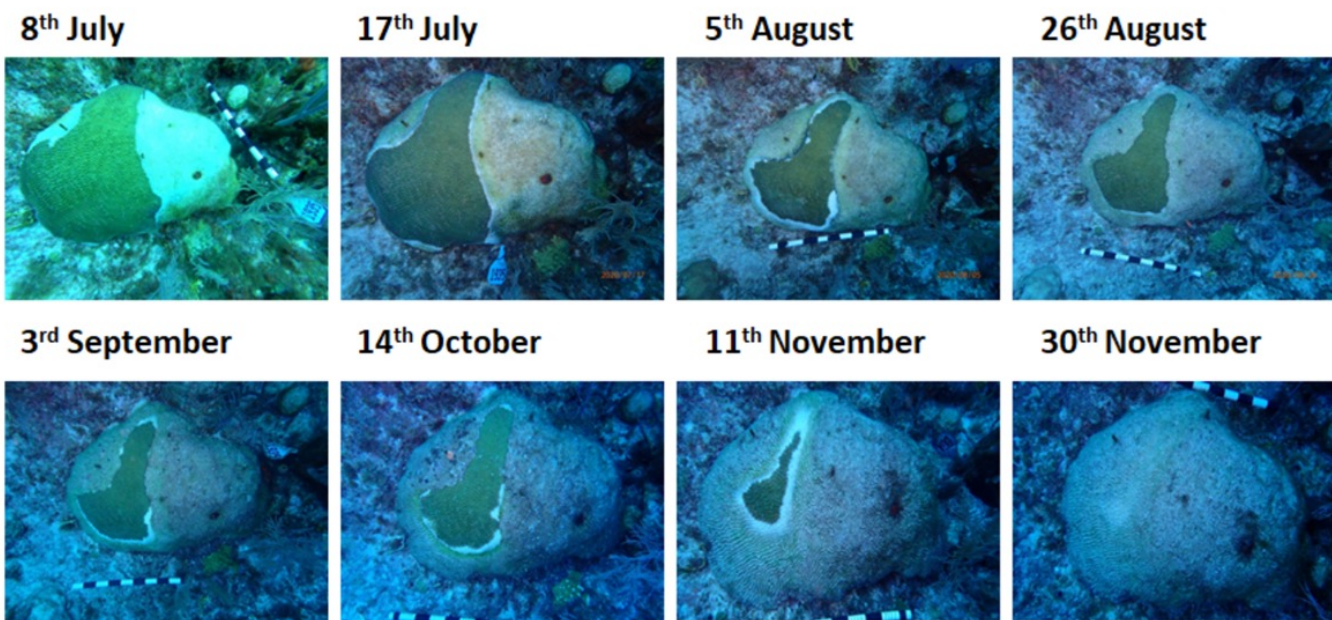
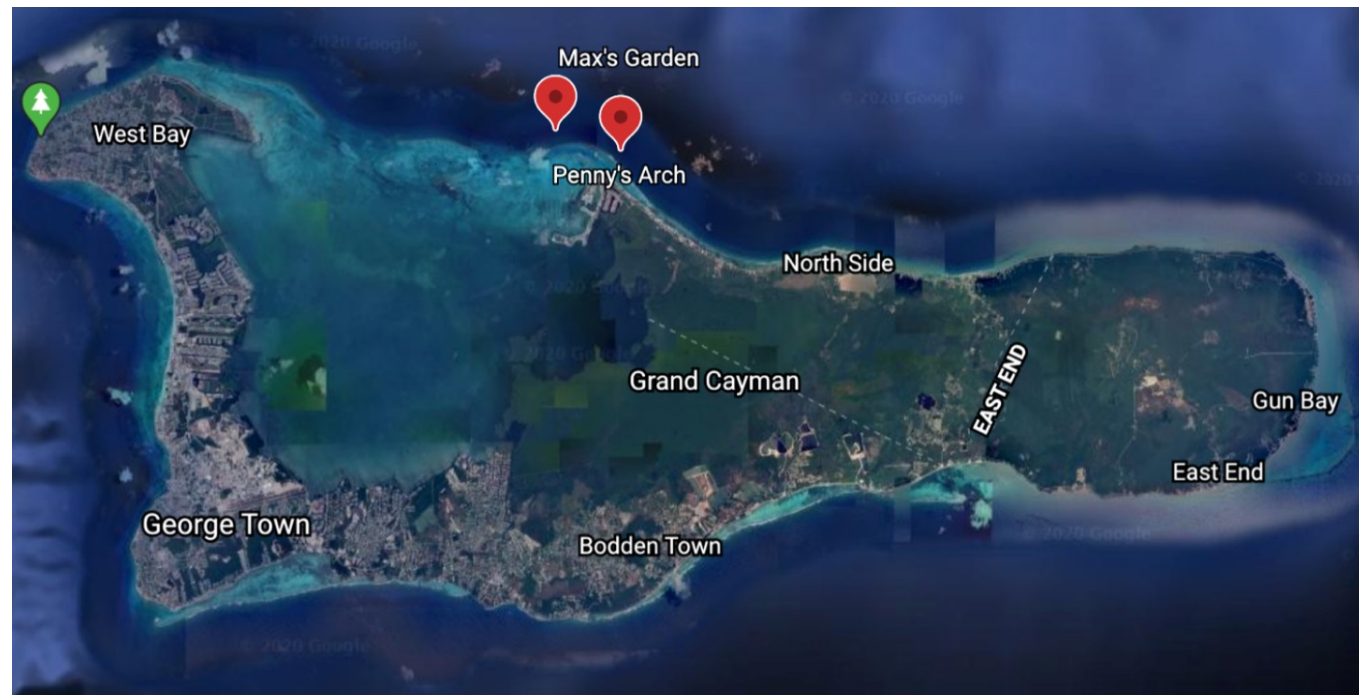
LEGEND

-  Coral
-  BVI Islands





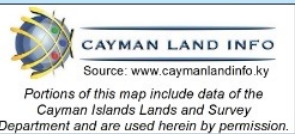
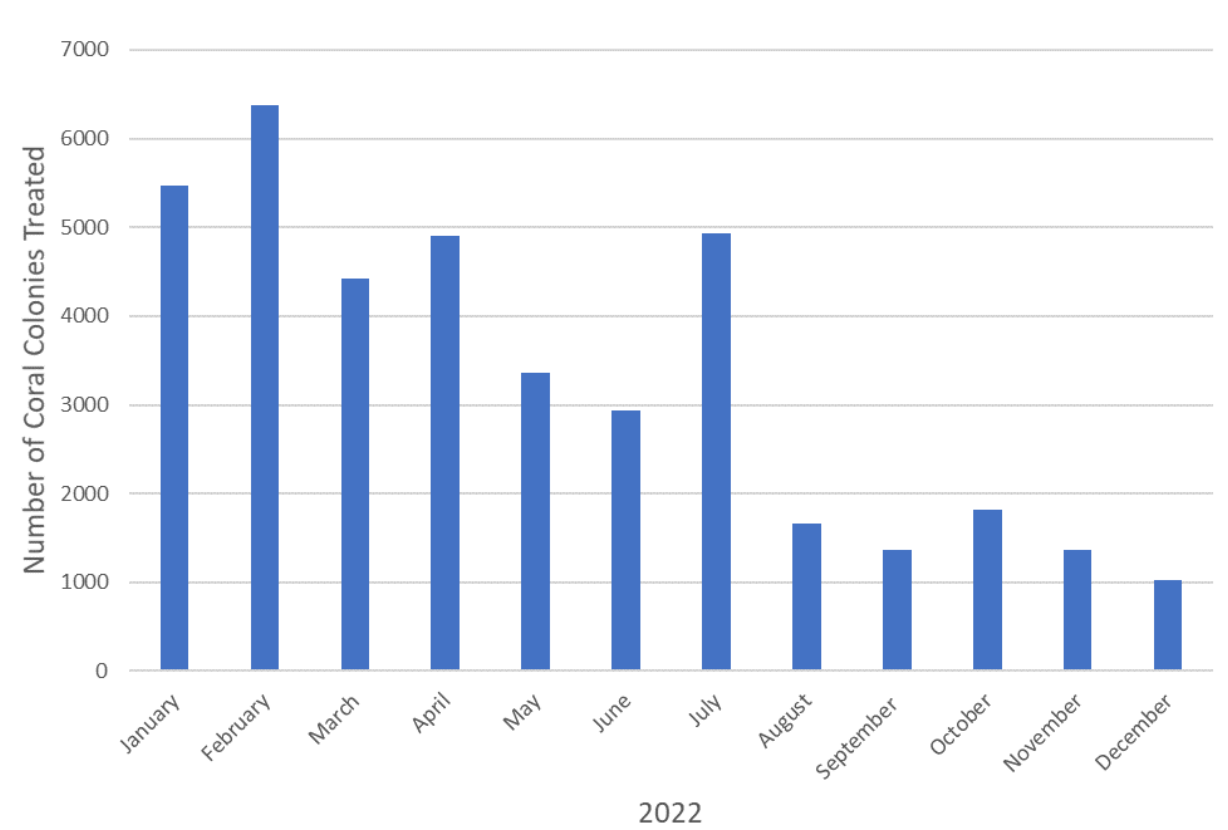
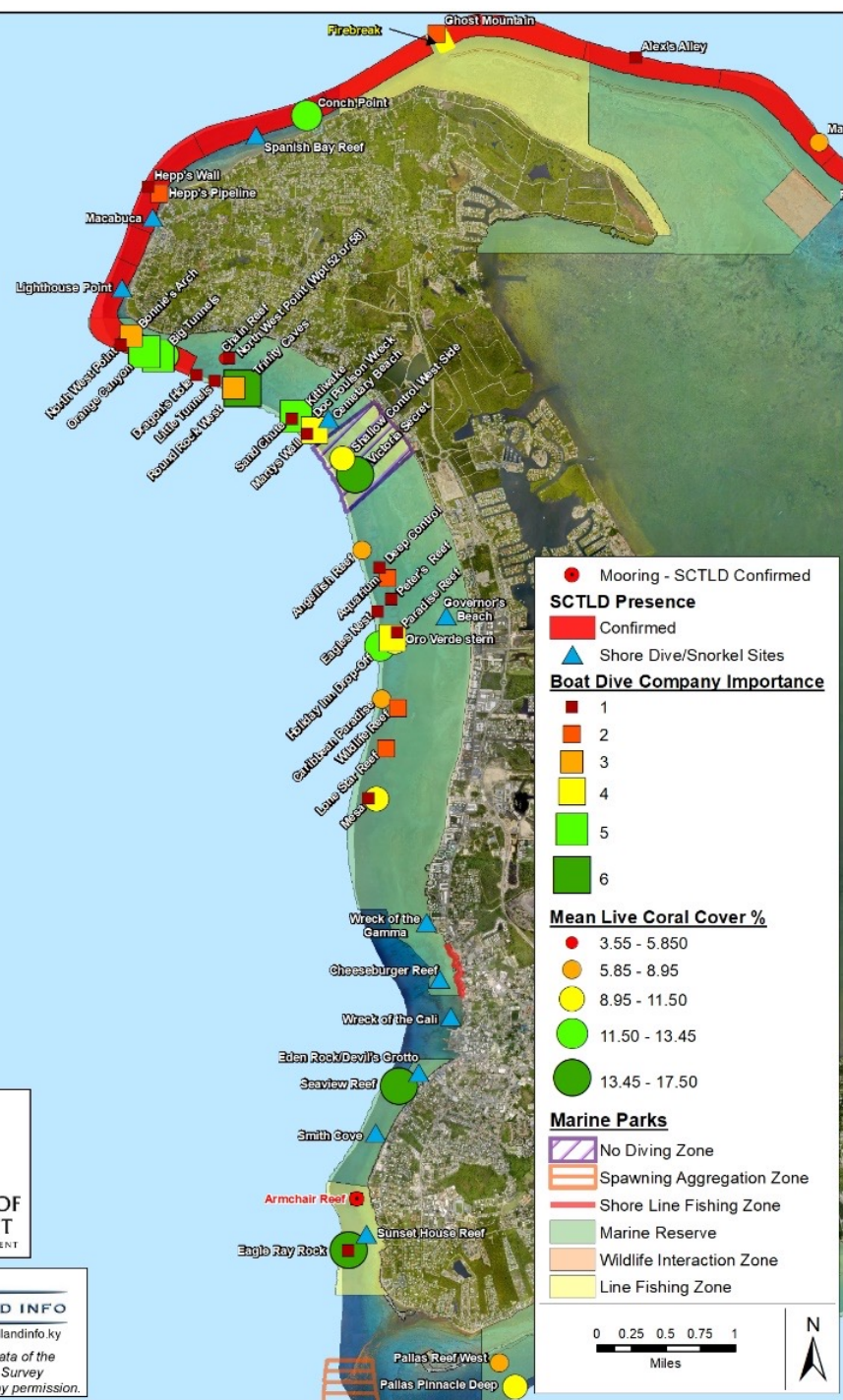
- Observed June 2020
- Tracked the progression of disease
 - 172 tagged corals
 - Signs of disease
 - Corals impacted
 - Mortality rates- no treatments



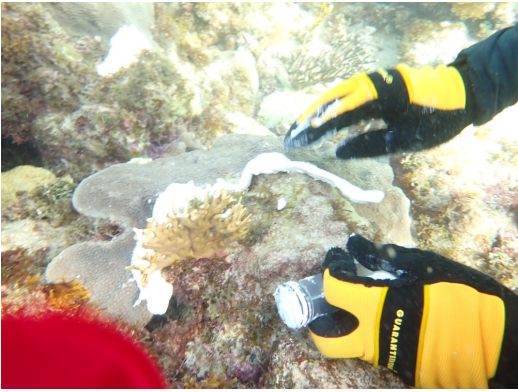
CAYMAN LAND INFO
 Source: www.caymanlandinfo.ky
 Portions of this map include data of the Cayman Islands Lands and Survey Department and are used herein by permission.



Created By: Dept of Environment, C.I. Government, February 25, 2021
 Data Source: Dept of Lands and Survey, C.I. Government



Anguilla



Montserrat



Bermuda

No reported signs of SCTLD

CCOT UK

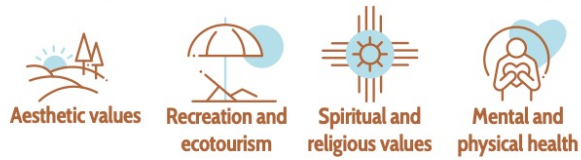
Coral Conservation Overseas Territories

- Formed 2019
- Governments and NGOs
- Knowledge exchange
- Shared expertise
- Training
- Regional networking
- Funding raising
- Tailored products e.g. outreach



Nurtured by Nature: From Ridge-To-Reef

Culture



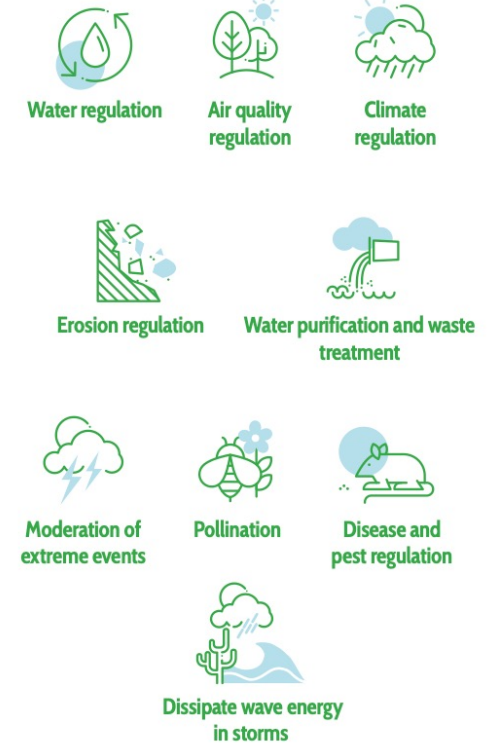
Supports



Provides



Regulates

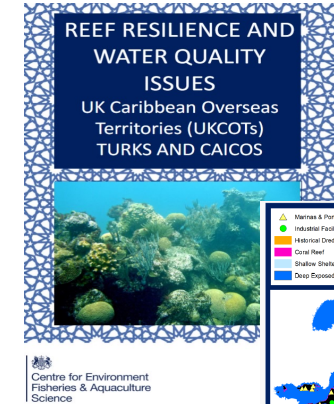
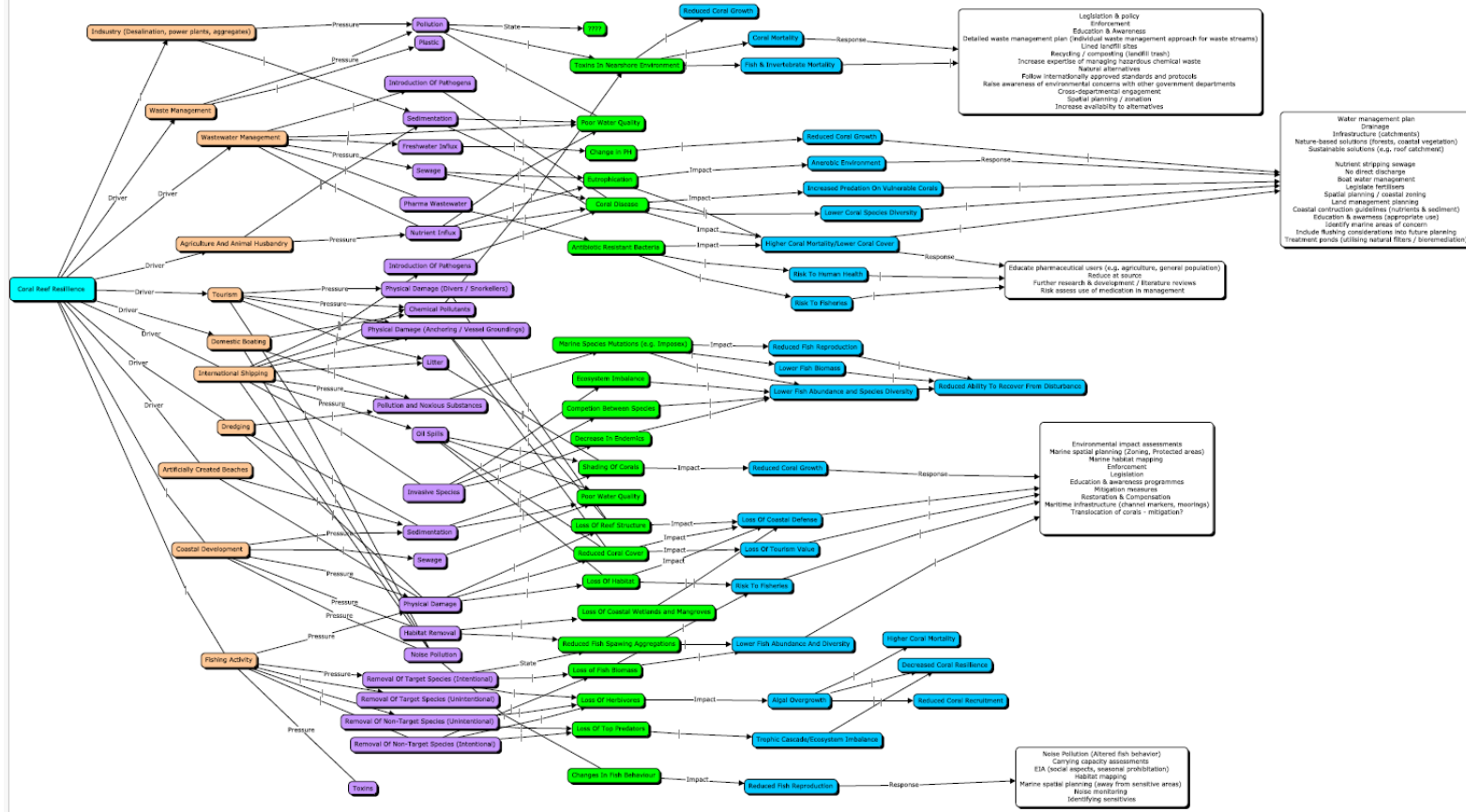


UK Government

GOVERNMENT OF THE VIRGIN ISLANDS
Ministry of Natural Resources and Labour

JNCC

Resilience-based Adaptive Management




Understanding and modelling the effects of land management scenarios on reef resilience in Montserrat

Alistair McVittie, Simon Gibson-Poole, Hernan Degiovanni, Alistair Hamilton, Neil Burns, Hannah Grist

Scotland's Rural College (SRUC)

March 2022



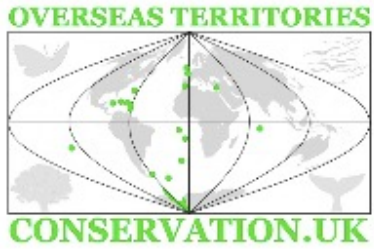
UNIVERSITY OF PLYMOUTH



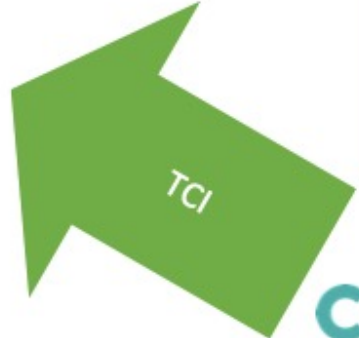
NOVA SOUTHEASTERN UNIVERSITY



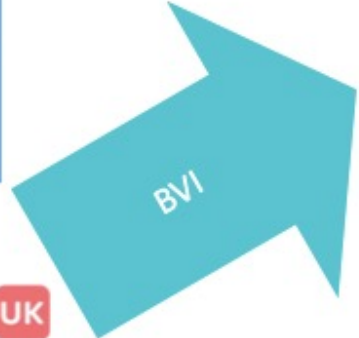
Healthy Reefs for healthy people



Anguilla



TCI



BVI



Montserrat



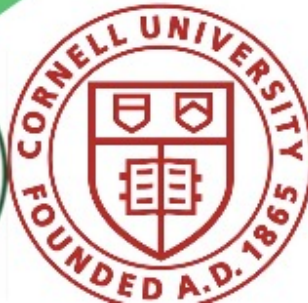
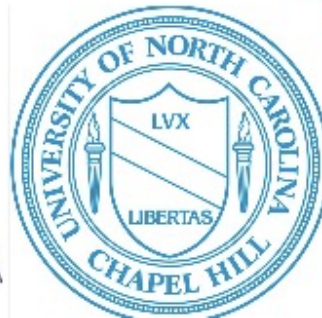
Bermuda



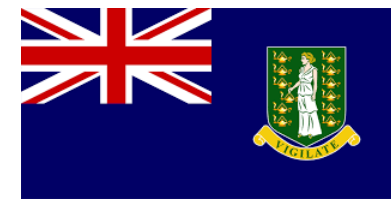
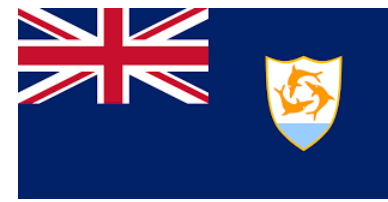
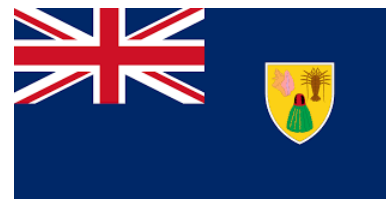
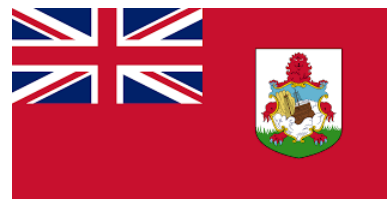
Cayman



MIAMI



AGRRRA



THANK YOU!



Ms Argel Horton

Environmental Officer

Government of the Virgin Islands, UK

aahorton@gov.vg

 UK Government

Dr Jane Hawkridge

Team Leader of International Implementation Team

Joint Nature Conservation Committee

Jane.Hawkridge@jncc.gov.uk

