

Enhancing monitoring and prevention of invasive non-native species across UKOTs – Anguilla Overview

<https://www.darwininitiative.org.uk/project/DPLUS175/>

26 February – 1 March 2024

National Emergency Operations Center Conference Room, The Valley

Monday 26 February: Assessing the impacts of INNS

1 day workshop – led by Helen Roy and Kelly Martinou

Monday 26 February 0930-1530

0930: Welcome and introductions

0945: Overview of workshop and update on Darwin Plus Project: Enhancing monitoring and prevention of invasive non-native species across UKOTs – Helen Roy

1000: Approaches to assessing impact of invasive non-native species – Helen Roy

1015: IPBES approach to assessing impact of invasive non-native species – Kelly Martinou

1030: Other approaches to assess impact of invasive non-native species - all

1045: Coffee

1100: Introduction to the Environmental Impact Classification of Alien Taxa – Helen Roy

<https://www.iucn.org/resources/conservation-tool/environmental-impact-classification-alien-taxa>

Brief introduction to the Socio-economic impact classification of alien taxa – Helen Roy

Bacher S, Blackburn TM, Essl F, Genovesi P, Heikkilä J, Jeschke JM, Jones G, Keller R, Kenis M, Kueffer CM, Angeliki F, Nentwig W, Pergl J, Pyšek P, Rabitsch W, Richardson DM, Roy HE, Saul WC, Scalera R, Vilà M, Wilson JR, Kumschick S (2018) Socio-economic impact classification of alien taxa (SEICAT). *Methods in Ecology and Evolution* 9(1): 159–168. <https://doi.org/10.1111/2041-210X.12844>

1130: Evidence of impacts on Anguilla - Breakout groups

What evidence is available for impacts on Anguilla? How relevant is EICAT information from the Global Invasive Species Database?

How is evidence of impacts documented on Anguilla? Could there be alternative ways to capture information on impacts?

Can EICAT and SEICAT be applied to the UK Overseas Territories INNS Information System?

1215: Summary from breakout groups and next steps

1230: Lunch

1330: EICAT assessments for selected species

1500: Close

Tuesday 27 February: Non-Native Species Information Systems

1 day workshop – led by Megan Williams and David Roy

Tuesday 27 February 0930-1500

0930: Update on Introduction to UK Overseas Territories Database of Non-Native Species – Meg Williams

1045: Coffee

1100: Breakout session 1 (Split into animal: Michael & Kelly, Plant: David & Helen, Marine: Meg & John)

Check if there are any species that are missing from the dataset.

Enter missing common names.

Enter any known islands where the species are found.

1145: Discussion on UKOTAS website – John

1155: Data summaries and outputs – Meg

1210: Key points from previous workshop

1230: Lunch

1315: Review and Update UK Overseas Territories Database of Non-Native Species – Anguilla

Breakout session 2 (Split into animal: Michael & Kelly, Plant: David & Helen, Marine: Meg & John)

For the priority species (highlighted in column Y) review the compiled information e.g. has non-native species status been appropriately attributed?

Try to gap fill data in the columns selected as of high importance to populate.

Move on to further non-priority species if completed prior to the close.

1530: Close

Wednesday 28 February and Friday 1 March: Predicting the impacts of climate change on the spread of INNS to inform biosecurity on Anguilla

2 day workshop – led by Michael Pocock and Helen Roy

Wednesday 28 February 0930-1500

Synthesis of information on climate change and INNS on islands

Introduction to climate change scenarios and development of scenarios for Anguilla

0930: Potential interactions between climate change and invasive species – Michael Pocock

0950: How is the climate changing on Anguilla? – all to contribute observations

1015: Session 1: What consequences of climate change matter for Anguilla? – Group discussion

Break out groups:

Each group is supplied a list of possible risks.

Each group is to discuss the relevance of risk. And add any additional items to the list.

Which components of climate change are most of concern to Anguilla?

What are the immediate consequences of each of these components

Impacts for species (native or non-native, for habitats, for humans and how land is used

Which of these components are relevant for each habitat?

1100 Coffee

1115 Compilation of each groups votes and group discussion

1130 Review of species to develop case studies on climate change impacts

1215 Lunch

1300: Session 2 -How might climate change affect key invasive species on Anguilla?

Case-study breakout groups: Each breakout group to assess a specific species.

Each group will describe the possible ways that climate change might affect the species:

How does it affect: spread, establishment, impact, management

Use risks identified in session 1 as a starting point

1330 Each group presents their case study (10 mins each)

1400 Outstanding knowledge gaps, opportunities and policy needs

1500: Close

Thursday 29 February – Free Day

Friday 1 March 0930-1230

Co-develop approaches to assess the impacts of climate change on the spread of INNS building on previous collaborative studies - see <https://www.nonnativespecies.org/overseas-territories/prioritising-containment-and-eradication-action/>

0930: Climate change and risk assessments – Helen Roy

0945: Recap on previous sessions and outline of possible framework

1000: Co-develop a framework to assess impacts of climate change on INNS