**Enhancing monitoring and prevention of invasive non-native species across UKOTs – St Helena Overview**

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

15-19 January 2024

St Helena Community College, Education, Skills & Employment Portfolio Jamestown, St Helena, South Atlantic, STHL 1ZZ

**Monday 15 January – Tuesday 16 January: Non-Native Species Information Systems – updating, reporting and prioritising of monitoring**

*2 day workshop*

**Monday 15 January 1100-1530**

**Overview**

Introduction to the UK Overseas Territories INNS Information System

What might be the most useful outputs from the St Helena INNS Information System?

What are the priorities for monitoring INNS on St Helena?

1100: Welcome and introductions

1115: Overview of workshop and Darwin Plus Project: Enhancing monitoring and prevention of invasive non-native species across UKOTs – Helen Roy

**Non-Native Species Information Systems**

1130: Previous studies – 1. Horizon Scanning; 2. Spread and Eradication of INNS – Helen Roy

1150: Introduction to UK Overseas Territories Database of Non-Native Species – Meg Williams

**1230: Lunch**

**1315: Structure of UKOT INNS database**

Discussion on structure of UK Overseas Territories Database of Non-Native Species and potential for integration with existing systems

**1400: Reviewing INNS list**

(Two breakout groups – plants and animals)

Are there other datasets and information for integration?

Other datasets to digitise?

Inclusion of horizon scanning list?

Review of compiled information e.g. has non-native species status been appropriately attributed?

**Tuesday 16 January 0930-1530**

**Summarising information from the INNS database Indicators and Reporting**

0930: Overview of approaches to reporting and summarising invasive non-native species data – Diana Bowler

0950: Group discussion – breakout groups

What reports, visualisations or other outputs on invasive non-native species data would be useful for St Helena?

* Who are the audiences?
* What do they need?

**10:50: Coffee break**

1115: Prioritisation of reporting, visualisation and outputs – participants vote and prioritise most useful outputs

1145: Summarising prioritisation exercise – Helen Roy

**1215: Lunch**

**INNS prioritisation for monitoring and further study**

1245: Outcomes of previous prioritisation exercises on St Helena: 1. Horizon Scanning, 2. Eradication and Containment – Helen Roy

1310: Compilation of INNS from questionnaires plus additional INNS from the discussions – **participant** **voting** on species priorities for monitoring and reporting etc

1320: Summary of INNS prioritisation – Diana Bowler

1330: Discussion on ongoing INNS monitoring – everyone to share active initiatives

1400: Emerging tools and technologies – Diana Bowler

1420: Group Discussion

What are the additional opportunities for invasive non-native species monitoring for St Helena for policy, science or other?

Opportunities and barriers for monitoring invasive non-native species including emerging tools and technologies

Overcoming which barriers would have most impact on addressing invasive non-native species?

1510: Summary of breakout discussions and next steps

**Wednesday 17 January: Assessing the impacts of INNS**

*0.5 day workshop*

**Wednesday 17 January 0930-1230**

0930: Approaches to assessing impact – Helen Roy

0950: Group discussion – other approaches?

1000: Introduction to the Environmental Impact Classification of Alien Taxa – Helen Roy <https://www.iucn.org/resources/conservation-tool/environmental-impact-classification-alien-taxa>

1020: 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 JRU, 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>

**1030: Coffee**

1100: Evidence of impacts on St Helena - Breakout groups

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

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

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

1200: Summary from breakout groups and next steps

**Wednesday 17 January 1300 onwards: Optional informal excursion**

**Thursday 18 January - Friday 19 January: Predicting the impacts of climate change on the spread of INNS to inform biosecurity on St Helena**

*2 day workshop*

**Thursday 18 January 0930-1530**

Synthesis of information on climate change and INNS on islands

Introduction to climate change scenarios and development of scenarios for St Helena

9:30 Potential interactions between climate change and invasive species – Diana Bowler

9:50 Session 1: What consequences of climate change matter for St Helena?

(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 St Helena?

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?

**10:30 Coffee**

11:00 Compilation of each groups votes and group discussion

11:30 Review of species to develop case studies on climate change impacts

**12:15 Lunch**

12:45Session 2: How might climate change affect key invasive species on St Helena?

Case-study breakout groups: Each breakout group will tackle 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

Using the risks identified in session 1 as a starting point

13:30 Each group presents their case study (10 mins each)

14:00 Outstanding knowledge gaps and policy needs

**Friday 19 January 0930-1530**

Co-develop approaches to assess the impacts of climate change on the spread of INNS building on previous collaborative studies (draft report attached)

**Session 4: Co-developing a framework to rank the importance and knowledge about each possible pathway**

**9:30 Recap on yesterday and outline of possible framework**