

Inter-Islands Environment Meeting 2022

Alderney, Channel Islands

Talk and Workshop
Programme

13th - 14th October



Alderney
Wildlife Trust



States of
Alderney

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Inter-Islands Environment Meeting 2022



GANNETS | AWT

The States of Alderney and the Alderney Wildlife Trust are delighted to be able to host the Inter-Island Environment Meeting (IIEM) 2022. This will be the 5th time of hosting the IIEM for Alderney. As is the tradition of the IIEMs the agenda is open to anyone wishing to present and the hosts have been delighted with the range and scope of the presentations on offer.

This year's event has been made possible thanks to the support of KPMG in the Crown Dependencies, States of Alderney and the Alderney Wildlife Trust through Charles Asprey, and the event will be hosted at the Georgian House Hotel. Thanks to this support there will be no charge for attending the conference (other than for the evening meal), something we know will be welcome for those of you joining us in person.

Theme

IIEM 2022's theme is sharing of knowledge and developing best practice in ecological, environmental and conservation science. A special focus will be on responding to environmental emergencies and the growing issues facing us because of climate change.

Aims and Objectives

The IIEM was founded to enable Government bodies, NGOs, environmental managers and individuals to discuss the status of the islands' environments and help plan for the future. Given the dramatic and rapid global and environmental changes we have seen, the need to communicate, as well as seeking commonality and mutual support, is of ever-growing importance to small independent island jurisdictions.

Presentations

We are excited to present a varied and busy programme this year. Unfortunately, because of the demand, we will be limited to 20min slots with speakers' **presentation time limited to a maximum of only 15min** within that window.

At the end of each group of presentations there will be a questions and answers session. Speakers will be asked back to the front of the room.



STRIPED HAWK-MOTH | DANIEL WHITELEGG



Speakers will use a podium mounted microphone and those asking questions will be asked to use a wireless microphone to ensure remote attendees can hear.

All speakers are asked to please submit their presentations, either directly by email (if under 10mb) or via www.wetransfer.com, to admin@alderneywildlife.org no later than **5pm on Tuesday 11th October**. If you aren't able to make this deadline please do let us know in advance.

Workshops will be held towards the end of both days of the IIEM. The themes of these workshops have been selected from the attendee feedback and we are extremely grateful to everyone who has agreed to help convene and co-ordinate these sessions.

The sessions will be held in both the main event space (the Orangery), as well as in the Anne French Room at the Island Hall and the Wildlife Trust Office (please see map). **Delegates will be asked where possible to pre-subscribe to the workshops they wish to attend** to help us with planning which spaces will be used for what events.

Talks Thursday 13th

To join on Teams, click [here!](#)

09:30 Housekeeping by Roland Gouvain (SoA & AWT)

09:45 Opening Remarks

by His Excellence, Lieutenant Governor for the Bailiwick of Guernsey,
Richard Cripwell
& Boyd Kelly (Chairman General Services Committee, SoA)

Finding Ways Towards Sustainability

Can Netting be Sustainable? And Where Have All the Big Fish Come From?

Alex Plaster (Marine and Fisheries Officer, SoJ)
Net Parameter analysis of Jersey's Bass Fishery and Atlantic Tuna Bluefin Satellite tagging programme.

10:00

Compton Bay Project: Sustainable Farming on a Landscape Scale

Richard Grogan (Head of Isle of Wight AONB Team, IoW Council)

The Compton Bay Project is a National Trust (Eng) project on the Isle of Wight looking to regenerate coastal farmland for people, wildlife and places including conversion of arable, extensive grazing and wetland restoration and the benefits for landscape, access and the return of habitats and species. Isle of Wight AONB is a partner in the project.

10:20

The Value of Coastal Habitats to Commercial Fisheries in Jersey and the Role of Marine Protected Areas

Samantha Blampied (Marine and Fisheries Data Officer, SoJ)

Fish species are supported by a range of habitats across their life cycle. Therefore, the value of the seabed to fishers is not solely attributed to the fishing grounds where they exploit the adult stage of their target species.

10:40

LONGIS BAY | ROWIE BURCHAM

Talks Thursday 13th

To join on Teams, click [here!](#)

Wilder Wight Strategy - Nature Based Solutions

11:00

Jamie Marsh (Director of Nature Recovery, Hampshire & IOW Wildlife Trust)

At the end of 2019 Hampshire & Isle of Wight Wildlife Trust launched its Wilder strategy. This 10-year programme has some ambitious targets revolving around land acquisition, restoration and engagement. The Isle of Wight is leading the way with the delivery of "Wilder" with the acquisition of new land for nature and projects to restore missing species. Jamie Marsh, Director of Nature Recovery, Wilder Wight & Wilder Seas, will discuss how the Island estate has evolved, mechanisms for delivery and what the next 7 years hold for the Island.

Research Collaboration and Emergency Response

Avian Influenza in Alderney – Responding to an International Wildlife Crisis on a Small Island

11:45

Alex Purdie (Ramsar Officer, AWT)

Highly Pathogenic Avian Influenza (HPAI) has swept across seabird colonies and poultry farms in 2022. Northern Gannets in particular have seen unprecedented losses. Prior to this event, Alderney was home to more than 1% of the world's Gannets. This talk will cover the impact of HPAI in Alderney, how the Island and region have been successful in responding and where we can learn from this to better respond to crises in future.

Talks Thursday 13th

To join on Teams, click [here!](#)

Invasive, Non-Native Species (INNS) Guernsey Update

12:05

Julia Henney (Biodiversity Officer, SoG)

The States Agriculture Countryside and Land Management Department (ACLMS) have produced an invasive non-native species (INNS) action plan for Guernsey, which has identified a number of actions to:

- Prevent the introduction of new INNS
- Implement effective surveillance and rapid response protocols to prevent their establishment
- Establish the means by which established INNS could be prioritised for their eradication or control.

A Horizon scanning exercise has already been undertaken to identify INNS of significant risk to the island and a pathways analysis exercise is underway. This presentation will discuss the approaches adopted for these pieces of work and how ACLMS will strive to put these plans into practice.

The Motus Wildlife Tracking System

12:25

John Horton (Warden, Alderney Bird Observatory & Chair, CIBRS)

Thanks to funding from Guernsey and from local sponsors, 'Motus', an international collaborative research network currently operated in 31 countries that uses coordinated telemetry to facilitate research and education on the ecology and conservation of migratory wildlife, is coming to The Channel Islands through the Alderney Bird Observatory, but what does it do? And why should we be involved? This presentation gives us insight into what is to come.

Predator-Exclusion Fences: A Shield for Native Wildlife

12:45

Cris Sellares (Project Officer, National Trust Jersey)

Sometimes the only option to protect endangered species from extinction is to build a physical barrier to stop non-native predators from eating them. Here we'll present the case to save Jersey's last puffins and their coastal neighbours with a fence that will create a seabird reserve.

To join on Teams, click [here!](#)

Acoustics and Collaborative Wildlife Monitoring

Where We are With Bats! *Liz Walsh (Government of Jersey)*
13:50 Government of Jersey bat monitoring schemes, what we have learned from Jersey bat monitoring schemes to date and how we are rising to the challenges of bat monitoring for the future.

Marine Mammal Monitoring With the Use of Acoustic Receivers *Samantha Blampied & Francis Binney (Data Officer & Marine Scientist, SoJ)*
14:10 Marine mammal monitoring with the use of acoustic receivers based around Jersey. A deep dive into habitual and seasonal variations in cetaceans.

A Sound Observation: An Update on the Bailiwick Bat Survey and the Opportunities of Bioacoustic Data *Emily Coule (Acting Senior Environment Services Officer, Guernsey Government)*
14:30 The Bailiwick Bat survey is now in its second season. The survey uses Citizen Science to record ultrasonic calls of nocturnal species. In this presentation, we will outline what has been discovered so far about habitat selection in bat species and the opportunities that lie ahead.

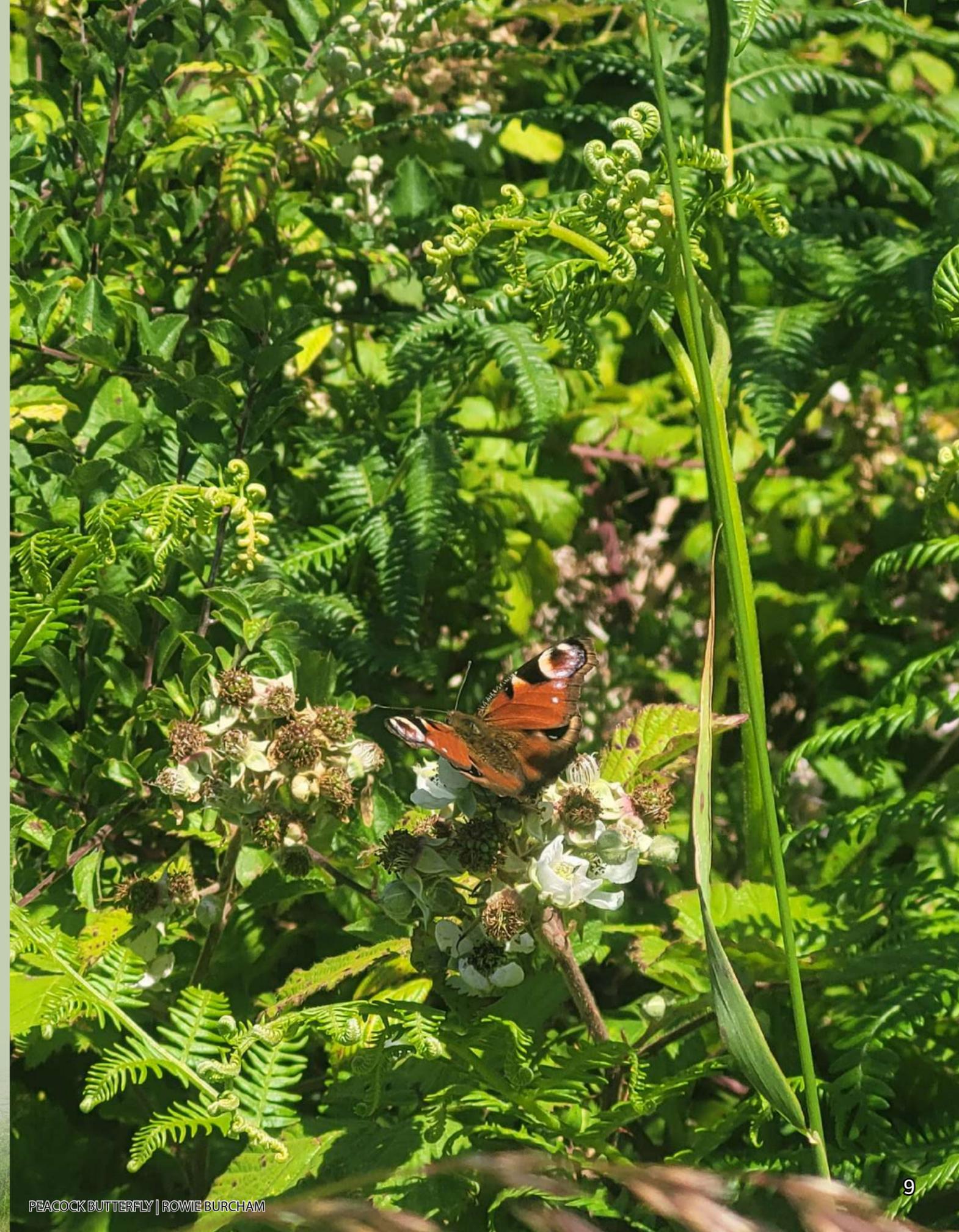
16:30 Workshop Conclusions

16:50 End of Day Synopsis

17:00 YUNGA GUERNSEY Biodiversity Badge

Dr. Karen Marshall (Head of Science, Ladies College Guernsey)

The concluding talk of the day will be focused on how Youth and United Nations Global Alliance (YUNGA) partnership has become a mechanism for Guernsey organisations to come together to provide resources for Guernsey's youth to respond to biodiversity issues. This presentation will focus on the development of the YUNGA Guernsey Biodiversity Badges and touch on the opportunity to expand the programme to other islands.



Talks

Friday 14th

To join on Teams, click [here!](#)

09:00 Housekeeping

Collaborative Research and Taking Action For Biodiversity

Navigating the Network of Wildlife Recording - Citizen Science is Key to Our Success
09:15

Liz Sweet (Manager, Guernsey Biological Records Centre)

In recent years, an increasing number of wildlife monitoring and recording projects are no longer “stand-alone” operated by a single organisation. Instead, we are moving into a world of collaboration with multiple partners or sister organisations. The success or failure of these projects often relies on citizen scientists. Here we provide a general overview of our projects, key findings and recommendations for the future.

FISHINTEL
09:35

Thomas Stamp (Plymouth University)

FISH INTEL is an INTERREG Channel-funded project between 12 partner organisations in the UK, France and Belgium, which aims to increase knowledge to help managers to better protect essential fish habitats across the English Channel/La manche. This ambitious project has tagged the following target species across seven pilot sites in the southern UK, northern France and Belgium: European bass (*Dicentrarchus labrax*), Pollack (*Pollachius pollachius*), Blue-fin Tuna (*Thunnus thynnus*), Spiny lobster (*Palinurus elephas*) and Black bream (*Spondylus cantharus*). In liaison with stakeholders, a region-wide acoustic telemetry network has been deployed to track movement characteristics and habitat use. Here we present our results our initial tracking results and how these are being used to inform fisheries management across the region.

Talks

Friday 14th

To join on Teams, click [here!](#)

An Introduction to BLUE MARINE'S Work in Jersey
09:55

Freddie Watson (Project Officer, Blue Marine Foundation)

An introduction to Blue Marine's work in Jersey and the organisation's aspirations for effective protection and models of sustainable fishing.

Confirming the Presence of the Common Eel on Jersey
10:15

Bob Tompkins (Société Jersiaise)

Establishing the continued presence of Common Eel, based on monitoring marine access sites to the land, the streams and culverts that allow them access and some of the reasons for their local decline. The aim of this work is to have them declared a protected species under Jersey's Wildlife Law as at present, unlike Europe and the UK, neither they nor their habitats have protection.

Guernsey's Asian Hornet Strategy - Three Years On
10:35

Francis Russell (Invasive Non-Native Species Co-ordinator, SoG)

Following the detection of their first Asian hornet in 2017, the States of Guernsey endorsed and implemented a 3-year Asian Hornet Strategy in January 2019. The aim was to control the establishment of Asian hornets in Guernsey to minimize their risk to the public and the island's biodiversity, especially native pollinators. A detailed review and summary was published in March 2022 evaluating performance and outcomes against key objectives. Specific aspects were evaluated such as the 'Spring Queening' initiative, maintaining public awareness, and locating and destroying secondary nests in a safe and timely manner. Evidence supports the conclusion that the aim of the strategy has been met in that Asian hornets' populations have so far, been successfully maintained at levels below what can be considered an 'established' population. The review also recommends a revised, longer-term approach to the management of Asian hornets.

To join on Teams, click [here!](#)

Nature-Based Solutions

**Isle of Man
Biosphere
Nature Recovery
Network**

11:20

Leigh Morris (CEO, Manx Wildlife Trust)

The creation of a Nature Recovery Network (NRN) across land and sea is a core goal of The Wildlife Trusts (TWT). In the Isle of Man (IOM) Manx Wildlife Trust is aiming to drive this in several ways, working in partnership with the IOM Government and other Island stakeholders. Core to this is MWT's delivery of the new IOM Agri-Environment Scheme (AES) launched in April 2021, which has given MWT access to c.80% of the land covered in the IOM and is already seeing great progress. The IOM Govt has an online Environment Map that is to be used to measure the Island's NRN, which includes layers of Nature Reserves, Marine Nature Reserves, ASSIs, Wildlife Sites, etc. MWT is working with the IOM Govt. to develop an APP which will enable people to add their own gardens, verges, etc. into the NRN. The ambition is that all the layers will ultimately add up to deliver a minimum of 30% of the IOM being managed for nature by 2030. Leigh's presentation will summarise the ways the IOM NRN is being developed and monitored, and how this dovetails into the Island's biodiversity and climate change mitigation strategies and Nature-based Solutions.

**Carbon Auditing
in Small Island
Context**

11:40

*Ellen Smith (Conservation Officer, AWT) &
Rachel Hall (Climate and Nature-Based
Solutions Officer, The Wildlife Trusts)*

The Wildlife Trusts have committed to achieving net zero carbon emissions by 2050. For this to be achieved, every Trust has a responsibility to audit, identify and reduce emissions. We will describe how the guidelines from the central Wildlife Trust are relevant to Alderney and the challenges which arise on a small island.

Why Now?

12:00

*Jonathan de Pasquallie (ESG Senior Manager, KPMG
in the Crown Dependancies)*

Why the corporate world has suddenly woken up to bio-diversity?

16:40 Workshop Conclusions

15:00 End of Day Synopsis

15:15 Closing Remarks

by Annie Burgess (SoA Member for the Environment)



Workshops Thursday 13th

Workshop 1 (15:00 - 16:30)

Developing the use of acoustic monitoring techniques (marine and terrestrial) as a tool for species monitoring within the Crown Dependencies

Conveners:

Stuart Newson & Phil Atkinson (BTO)

Coordinators:

SoJ, SoG & BTO

Out of sight out of mind: this old adage has never been more true than when considering biological recordings. Species that are large and visible in the environment are far better monitored than species that are more cryptic. Species that are nocturnal, or live underground or in the sea are far more challenging to monitor than diurnal terrestrial species.

Rather than using visual records, the sounds emitted by wildlife are often unique and with the development of automated classification algorithms using AI, it is now possible to record, identify and monitor a wide range of cryptic wildlife. Classifiers already exist for some species, but making these available for easy use by recorders can be difficult. Here we introduce the BTO Acoustic Pipeline which allows easy upload of recordings to identify bats, bush-crickets and small terrestrial mammals.

It is possible to build classifiers for other species groups, or for particular tasks, e.g. rat monitoring on seabird islands etc, and we are looking to develop a pipeline to accommodate different practitioners' needs. We will outline what is required to build a classifier, and look at some of the different challenges associated with different species groups. As one of the outcomes we are looking for is a list of ideas as to how acoustic monitoring can be better used to monitor the islands' biodiversity.

Initial outcomes sought from this workshop include, but are not limited to:

1. Shared understanding of the:
 - Possibilities for detecting the presence, activity and abundance of different species over time.
 - Opportunities for multi-taxon identification.
 - Value of Citizen Science for mass participation surveys to monitor species in a cost-effective manner.
2. List of priorities for acoustic monitoring in the Channel Islands.

To join on Teams, click [here!](#)

Workshops Thursday 13th

Workshop 2 (15:00 - 16:30)

Environmental Emergency Response Planning across the Crown Dependencies

Conveners:

TBC

Asian Hornet, Avian Influenza, flooding, drought and many more immediate and significant threats have challenged our islands with a need to undertake emergency planning and response in just the last 10 years.

This workshop aims to establish what established protocols for responding to natural emergencies already exist and explore the opportunity for creating collaborative response mechanisms ready for future threats.

Initial outcomes sought from this workshop include, but are not limited to:

TBC

To join on Teams, click [here!](#)

Workshops Friday 14th

Workshop 3 (13:10 - 14:40)

Investigating the future of Environmental Sustainability and Governance (ESG) and how it will impact climate and biodiversity response

Conveners:

Leigh Morris (Isle of Man Wildlife Trust)

Coordinators:

KPMG & ANT

The corporate sector has a growing need to recognise the issues encapsulated by ESG commitments, especially in response to Climate Change and Biodiversity decline. This workshop aims to discuss how governments, NGOs and business can establish common mechanisms for responding to these challenges.

Initial outcomes sought from this workshop include, but are not limited to:

1. Discuss/ identify potential carbon offsetting projects relevant to jurisdictions represented at the conference
2. Look at how we can drive collaborations between the islands
3. Establish ways to share research to help drive real development (i.e. common shared data base resource for distributing information)

To join on Teams, click [here!](#)

Workshops Friday 14th

Workshop 4 (13:10 - 14:40)

Collaborative Response to Invasive and Non-Native Species (INNS)

Conveners:

Francis Russell (States of Guernsey)

Coordinators:

SoG, SoJ & ANT

Each island has developed its own responses to Invasive and Non-Native Species, and collaborations between islands have been established. This workshop aims to discuss new potential threats and discuss existing and future collaborations.

Initial outcomes sought from this workshop include, but are not limited to:

1. Establish the key existing threats already identified by each island and future threats identified through horizon scanning
2. Discuss early detection and response across the islands
3. Attempt to establish pan island opportunities to be developed coming out of IIEM2022

To join on Teams, click [here!](#)

Workshops

Friday 14th

Workshop 5 (13:10 - 14:40)

Cross Channel Island Ramsar Meeting

Conveners:

Alex Purdie (Ramsar Officer, AWT)

Coordinators:

SoA, SoG & SoJ

Each Channel Island is home to at least one Ramsar site working independently of each other. This annual workshop aims to foster a greater degree of cooperation and coordination between these sites.

Initial outcomes sought from this workshop include, but are not limited to:

1. Update on each Island's position on its Ramsar Strategy
2. Establish the future plans for the Joint Channel Islands Ramsar Website
3. Establish options for joint research work within the Channel Islands Ramsar Sites

To join on Teams, click [here!](#)



Locations

The Georgian House

The Georgian House Hotel is a small period hotel in the centre of St. Anne and there are two flights of narrow stairs between the entrance/bar area and the conference room, so please take care.

The following spaces are dedicated to the conference:

Garden Marquee

When entering the hotel you will be directed through to the Garden where you will find a Marquee in place. This area will be used for:

- Tea and coffee service (available in all breaks)
- If weather allows the service of buffet lunches available on both days (**please inform reception if you have any specific dietary requirements or allergies**).

Orangery

Situated on the 1st floor, this beautiful room will be the centre point for the

IIEM2022. There will be rowed seating for approx. 55 delegates with a very limited space available on tables on the periphery of the room. Presentations will be given using a 70" screen, with the presentations pre-loaded.

Walpole Room

This room will be reserved for the storage of delegates' baggage, and if the weather is not kind will be used for both refreshment and lunch service. It can be found on the main hotel stairs, on the second landing (1st Floor).



Registration

Registration will be undertaken on arrival at the Georgian House in the Garden Marquee.

If you have not completed a registration form please make sure your name is on the register when you arrive and update us on any activities you would like to participate in.

Delegates are asked to please wear their name badges during the meeting sessions and at the dinner on Thursday night, thank you.

Recording the Meeting

The conference is open to remote attendance via Microsoft Teams, **please see programme for Teams Links for both the main sessions and workshops**; these sessions will be recorded for later viewing by those not attending on the day.

If attending remotely please identify yourself with full name and the organisation you represent when logging into Teams. A decision as to if those taking part remotely will be asked to lodge questions in writing or be able to speak to the room, will be made on the day depending on bandwidth (a small island consideration, sorry).

All those taking part should be aware that your presence and any statements you make will be on the public record. We would ask anyone asking questions to please take time to identify yourself when speaking and speak through the microphone provided as this will aid the recording of the event.

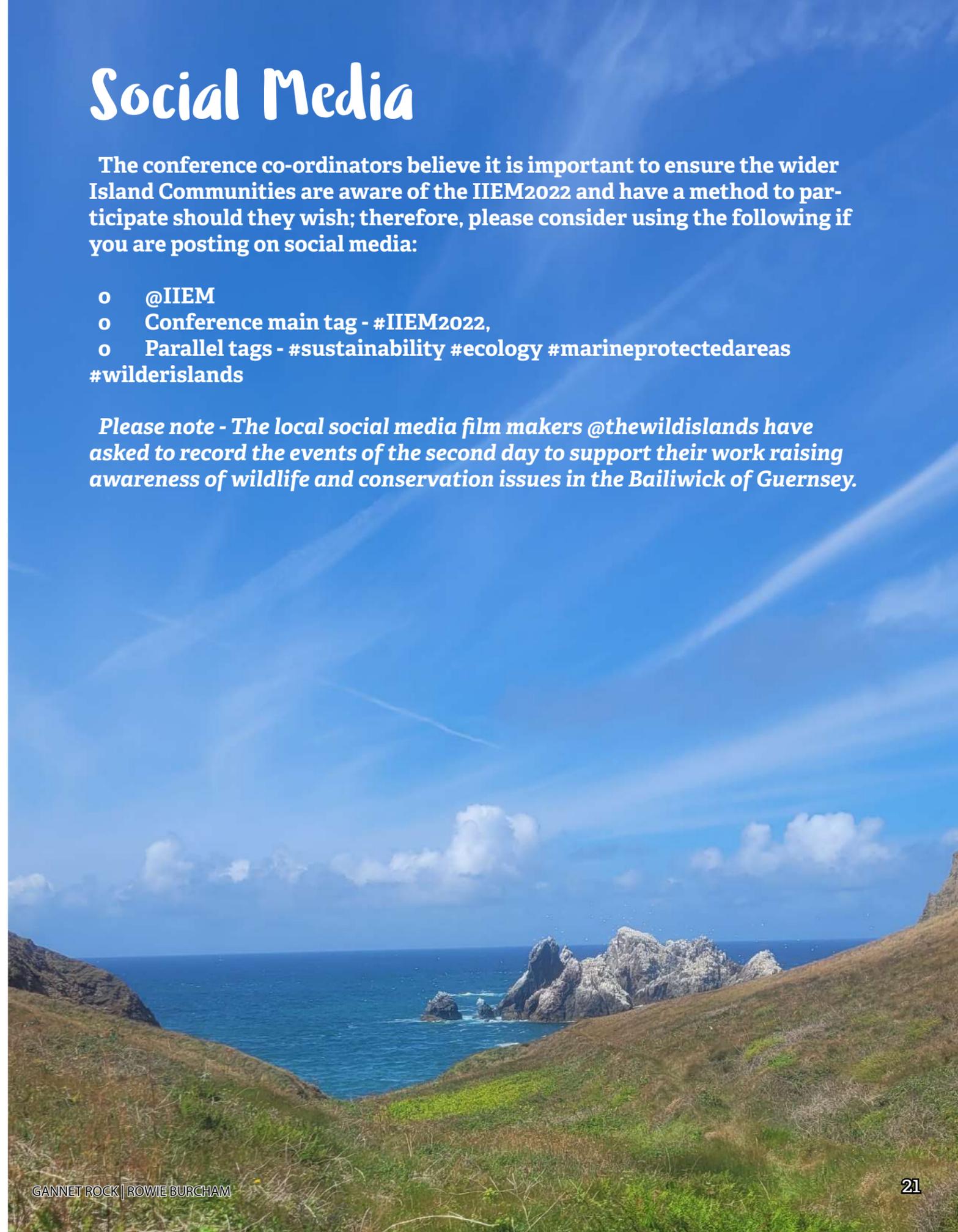


Social Media

The conference co-ordinators believe it is important to ensure the wider Island Communities are aware of the IIEM2022 and have a method to participate should they wish; therefore, please consider using the following if you are posting on social media:

- o @IIEM
- o Conference main tag - #IIEM2022,
- o Parallel tags - #sustainability #ecology #marineprotectedareas #wilderislands

Please note - The local social media film makers @thewildislands have asked to record the events of the second day to support their work raising awareness of wildlife and conservation issues in the Bailiwick of Guernsey.



GANNET ROCK | ROWIE BURCHAM

Other Activities

The Organisers are delighted to be able to offer the following activities for any delegates who are interested; please confirm which events you might like to take part in and the team will attempt to organise timings to fit with your interests.

Alderney Bird Observatory;

The ABO have kindly extended an invitation to delegates interested in visiting their new headquarters.

Moth Trap Opening; as we come towards the close of the Garden Moth Scheme anyone interested can join the team in the Wildlife Trust Office
Victoria Street

Post conference walk; a gentle informal stroll up to the Alderney Ramsar site and the viewing point for the Les Etacs Gannetry; for those who are flying later or staying on longer.

A **Bat Walk** with the team delivering the Bailiwick Bat Project here in Alderney



ORACHE MOTH | DANIEL WHITELEGG



RINGED PLOVER | DANIEL WHITELEGG



SAYE SUNSET | ROWIE BURCHAM

Sustainability Statement

The 2022 IIEM offers a unique opportunity for experts in the field to share ideas on how best to protect our wonderful environment. Through meeting both face-to-face and virtually, we can collaborate resources and findings to ensure we can face environmental threats as one. However, we recognise that this event will inevitably result in increased carbon emissions through travel and electricity consumption, and as this is a globally and locally important issue, it is important that we look to mitigate our emissions wherever possible. Our actions include:

Virtual attendance:

Whilst we recognise the importance of face-to-face meetings for working on projects collaboratively, we have also made it possible for people to participate virtually with little compromise on the experience. This significantly reduces travel-related emissions alongside increased accessibility.

Travel:

As islands, we face difficulties in keeping travel emissions low but to ensure we have chosen the most efficient options, we have calculated emissions per person for various options and opted for the lowest-impact travel, which includes direct flights from Jersey to Alderney and group booking of other transport where possible.

Food:

During the course of the event, as much food as possible will be sourced locally which will minimise emissions related to food miles. With several fantastic food producers on the island (including Kiln Farm and Alderney

Roots), we look to support these local businesses throughout the event. The food will be vegetarian which will further reduce the carbon output of the event.

Mitigation:

As co-hosts for the event, the Alderney Wildlife Trust has committed to reducing its own energy consumption by 50% before 2025. This is in-line with the central Wildlife Trust's own goals, and we have been able to reduce emissions by 13% in the first year of auditing. Whilst our current focus will be solely on emission reductions to achieve this goal, we will also be looking to create carbon stores over the next few years. Having planted the Community Woodland with some 12,500 trees over the last 12 years, we will be expanding this commitment and also give people the opportunity to plant trees in their gardens through the *Jubilee Woodland Project - 2000 trees for 2000 residents*.

Whilst we are careful to not to offer compensatory carbon storage for emissions, we are aware of the importance of ensuring the long-term sequestration of carbon on our island and hope that this will reduce the overall impact for unavoidable emission.

For further information on what we are doing to reduce our emissions as a small organisation looking to achieve big things, please visit our website or speak to one of the team conservation@alderneywildlife.org.

We look forward to
seeing you soon!



States of
Alderney



Alderney
Wildlife Trust



FRONT COVER: VIEW OF BRAYE | ROWIE BURCHAM \ BACK COVER: SAYE BEACH | ROWIE BURCHAM