

Lynda Hepburn and Birgit Wagner
Convenor and Workshop organiser
ITI Scottish Network
Email: convenor@itiscotland.org.uk



SCOTTISH NETWORK
www.itiscotland.org.uk

January 2022

ITI Scottish Network invites you to its summer workshop on

**RENEWABLE ENERGY AND THE
ENVIRONMENT
WITH
TOM WILLS, SUE WHITE AND
BIRGIT WAGNER**

To be held at
Islesburgh Community Centre, King Harald Street, Lerwick,
Shetland ZE1 0EQ

On
Saturday, 28 May 2022



Muckle Flugga from Hermaness, Unst



ITI members: This event qualifies as
Continuing Professional Development.
Enter it in your CPD record!

www.itiscotland.org.uk
Follow us on Twitter: [@ITIScotNet](https://twitter.com/ITIScotNet)

Renewable Energy and the Environment

Topics

Renewable energy

Our morning speakers have experience in translating and working in renewable energy.

Birgit Wagner:

Renewable Energy – an Overview

Birgit's talk will give an overview of the different technologies, benefits and challenges associated with the utilisation of energy from renewable sources, including power generation, storage and transport. She will introduce some basic principles and definitions with the aim of enabling those with a non-technical background to gain a better understanding of technical texts relating to this topic.

Tom Wills:

Marine Renewables

Tom's talk will provide an overview of marine renewables and the pitfalls associated with translating industry texts, most of which he has personally encountered. He will outline the nature and distribution of marine energy resources, before examining the different technologies and the range of services that are required to support such projects. Tom will also touch on the potential of marine renewables to help tackle climate change and the political changes needed for the industry to realise its potential.

Shetland's Environment

Translation Workshop

After lunch delegates will work in language groups on a short text relating to renewables and the environment in Shetland. Texts will be distributed in advance to give delegates the option of researching any unfamiliar terminology. Groups will ideally be made up of three translators with the same language combination. Please fill in your language pair(s) in the registration form.

Sue White:

Restoring Peatlands in Shetland – our contribution to mitigating climate change

Sue's talk will be all about peatlands, or blanket bogs, how they were formed, their importance and value, not only for the wildlife they support, but also for carbon storage, regulating water flow and purifying water. She will talk about what happens when peatland is damaged, drying out and eroding, what measures can be taken to restore it and specifically about the restoration work undertaken here in Shetland.



ITI members: This event qualifies as Continuing Professional Development. Enter it in your CPD record!



www.itiscotland.org.uk
Follow us on Twitter: [@ITIScotNet](https://twitter.com/ITIScotNet)

Speakers



Tom Wills is an engineer and language enthusiast who has been working in wave and tidal energy for 15 years. After studying mechanical engineering with an Erasmus year in Bordeaux, Tom worked at the European Marine Energy Centre in Orkney, before completing an Erasmus Mundus MSc in Marine Engineering at the Norwegian University of Science and Technology in Trondheim. He has lived and worked in Chile and Indonesia, speaks fluent French and Spanish and has made a start on a few other languages. Tom is the author of a chapter on tidal energy in the Encyclopaedia of Marine and Offshore Engineering and now works for Nova Innovation on the Shetland Tidal Array.



Sue White is a Chartered Environmentalist (CEnv) and full member of the Chartered Institute of Ecology and Environmental Management (CIEEM). Her background is in ecology, archaeology and as a Farm Conservation Adviser. She currently works as the Peatland Restoration Project Officer in Shetland, promoting the importance of peatlands for carbon storage, water quality and biodiversity and developing and implementing peatland restoration projects throughout Shetland. Her work is funded by the Scottish government through SNH "Peatland Action".



Birgit Wagner is a freelance technical translator specialising in patents who has been based in Shetland for the past 20+ years and an MITI and ScotNet member for nearly as long. She has a degree in Engineering Mechanics from the Technical University of Darmstadt in Germany and has worked in materials testing and air filter development and testing in Switzerland. With renewables being a hot topic in Shetland and through translating numerous patents for new developments, Birgit has developed a keen interest in the field.



ITI members: This event qualifies as Continuing Professional Development. Enter it in your CPD record!

www.itiscotland.org.uk
Follow us on Twitter: [@ITIScotNet](https://twitter.com/ITIScotNet)

Programme

Friday, 27 May

7:00 pm	Informal dinner at The Great Wall Chinese restaurant, 14 Commercial Road, Lerwick.
---------	--

Saturday, 28 May

9:30	Workshop registration (tea/coffee and biscuits provided)
10:30	Session 1: Talk by Birgit Wagner. Setting the scene: Renewable Energy – an Overview
11:30	Tea/coffee break
12:00	Session 2: Talk by Tom Wills: Marine Renewables
1:15 pm	Lunch
2:15	Session 3: Translation workshop in language groups: Shetland's environment
3:30	Tea/coffee break
4:00	Session 4: Sue White: Peatland and its restoration
5:00	Workshop ends
7:00	Dinner and ceilidh in Sound Hall, Upper Sound, Lerwick, ZE1 0SS

Sunday, 29 May

	Excursion by coach: Shetland's South Mainland
9.30	Depart Lerwick outside Islesburgh Community Centre
10.30	Sumburgh Head: Lighthouse, visitor centre and seabirds
11.45	Jarlishof Prehistoric and Norse Settlement – a Historic Scotland site
13.00	Sumburgh Hotel: Soup and sandwich lunch, including tea and coffee
14.00	Depart for St. Ninian's Isle walk (or wet weather alternative)
16.00-17.00	Return to Lerwick

Please note: Exact timings of sessions may be altered slightly and/or the order changed.



Broch of Culswick



Eshaness



ITI members: This event qualifies as Continuing Professional Development. Enter it in your CPD record!



www.itiscotland.org.uk
Follow us on Twitter: [@ITIScotNet](https://twitter.com/ITIScotNet)

Social programme

The workshop is part of ScotNet's annual summer meeting and all attendees – plus their families and friends – are warmly invited to the social events on the Friday and Saturday evenings and on Sunday. Please fill in your choice of social activities in the registration form and pay any additional costs as detailed there.

Friday evening

On Friday evening there will be an informal dinner at The Great Wall Chinese Restaurant, Lerwick. This event will be a banquet-style meal with several options to choose from at £25 per head. Menus will be available nearer the time. Please tick the relevant box on your reply form, so that we can give the restaurant numbers.

Saturday Dinner and Ceilidh

On Saturday evening at 7.00 pm, we will meet again in the Sound Hall with spouses, partners, families and friends to enjoy a 3-course dinner with locally sourced ingredients, followed by a ceilidh with the **Alan Nicolson Dance Band**.

Menus will be made available nearer the time.

Sunday Coach Excursion

The Shetland's South Mainland: all-inclusive cost approx. £35 pp



On Sunday we will have an all-day coach excursion to Shetland's South Mainland, visiting Sumburgh Head with its lighthouse, visitor centre and seabirds; Jarlshof Prehistoric and Norse settlement; and St. Ninian's Isle, an island linked to the mainland by a beach known as a tombolo.

We are booked for lunch at the Sumburgh Hotel. In the event of bad weather, the walk in the afternoon will be replaced with a wet weather option.

Anyone with an afternoon flight out of Sumburgh can leave the excursion at lunchtime as the airport is very close to the Sumburgh Hotel.



ITI members: This event qualifies as Continuing Professional Development. Enter it in your CPD record!

www.itiscotland.org.uk
Follow us on Twitter: [@ITIScotNet](https://twitter.com/ITIScotNet)

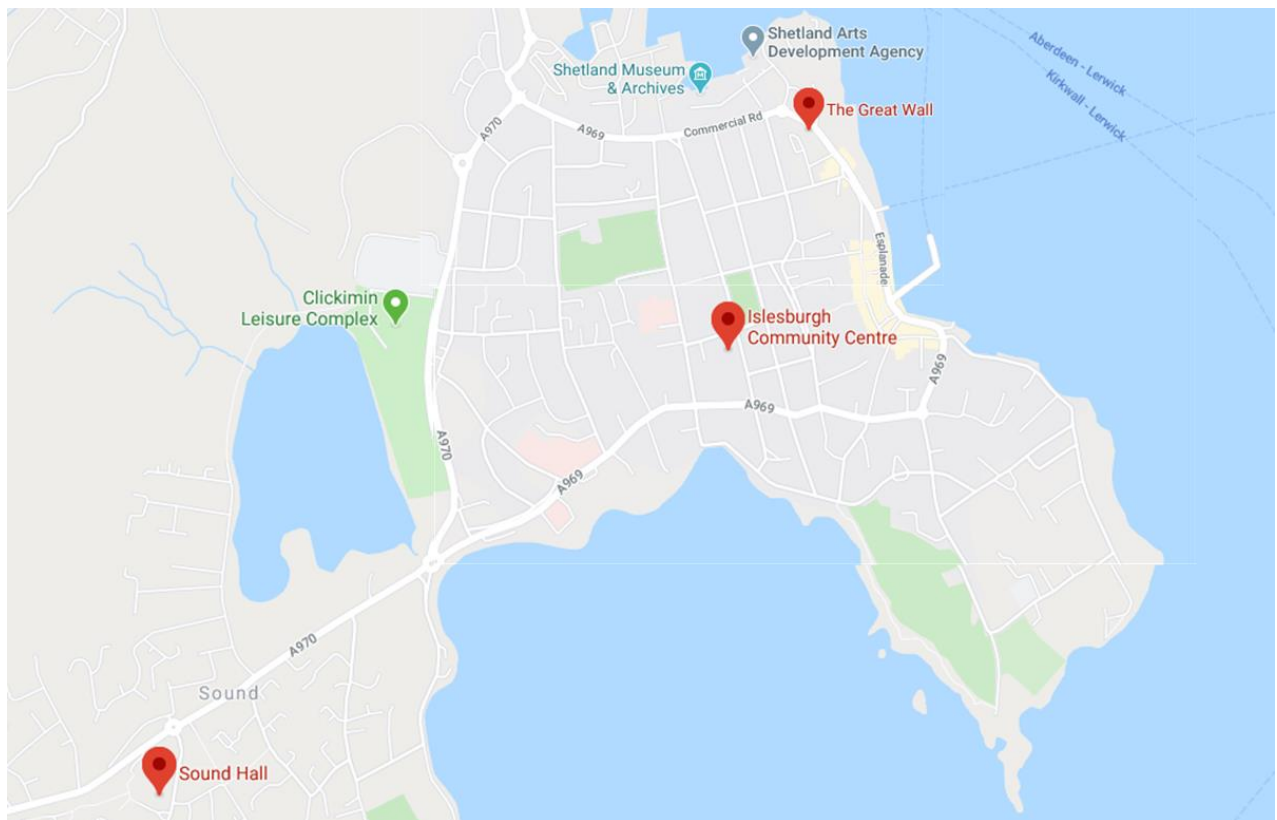
Location and venue



The workshop will take place in the **Islesburgh Community Centre**, King Harald Street, Lerwick: <https://www.shetland.gov.uk/islesburgh/CommunityCentre.asp>. The workshop will be held in Room 16 and catering through the day will be provided in the same space.

Our dinner and ceilidh will be held in the Sound Hall, Upper Sound, Lerwick, <http://www.communitydirectory.shetland.gov.uk/sound-community-association-i782.html>.

Venues in Lerwick



Distance from Islesburgh Community Centre to Sound Hall: approx. 1 mile, 20 min. walk.



ITI members: This event qualifies as Continuing Professional Development. Enter it in your CPD record!



www.itiscotland.org.uk
Follow us on Twitter: [@ITIScotNet](https://twitter.com/ITIScotNet)

Cost

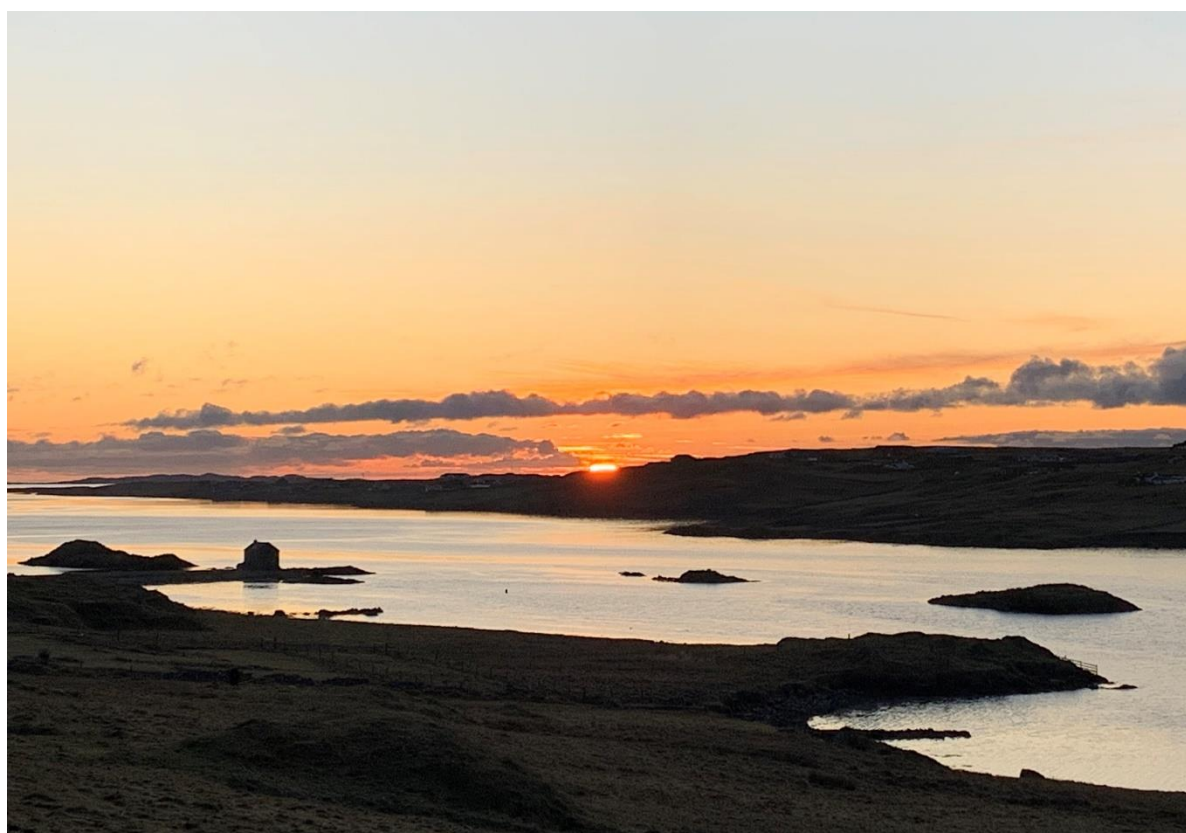
Membership status	Workshop only*	Workshop, dinner and ceilidh	Dinner/ceilidh only
ScotNet members:	£50	£80	£30
ITI (but not ScotNet) members:	£70	£100	£30
Non-members:	£90	£120	£30

Friday evening meal	£25.00 plus drinks
Sunday excursion	Price dependent on numbers and which visitor centres are open under Covid legislation. Estimated price inclusive of coach, lunch, and entrance to Sumburgh Head Visitor Centre and Jarlshof: £35

*The workshop cost shown is the full amount: If you have pre-paid the £40 deposit, please deduct that amount from the total.

Registration

Please see separate registration document.



View of the Nesbister Böd, Whiteness



ITI members: This event qualifies as Continuing Professional Development. Enter it in your CPD record!



www.itiscotland.org.uk
Follow us on Twitter: [@ITIScotNet](https://twitter.com/ITIScotNet)