

# Scottish Freshwater Group Action Team on Citizen Science

# Our goal is to connect many more community citizen scientists with freshwater research and decision-making







- Citizen science has much more to offer to freshwater management, research and community engagement in Scotland
- SFG can play a pivotal role in facilitating connections







SFG can help these motivated citizen scientists realise their potential!

- Providing an information hub
- A platform for their ideas and projects
- Access to scientists and decision-makers
- Reaching new communities of volunteers



# SFG Scottish Freshwater Citizen Science Hub

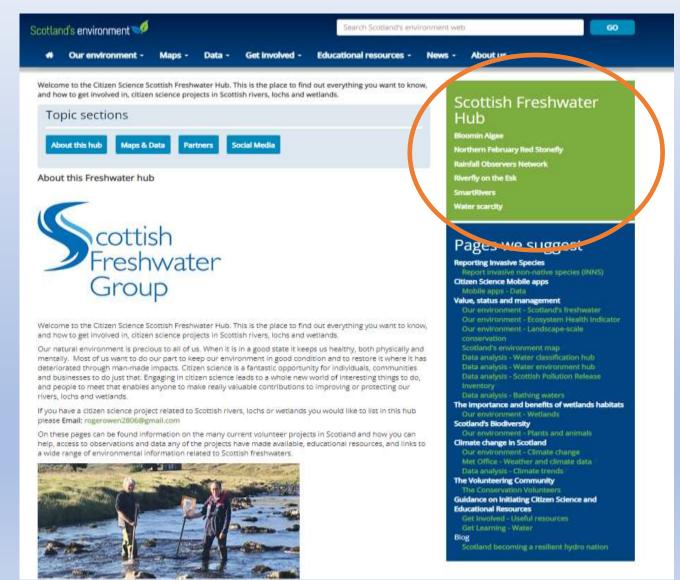
- The Gateway for all Scottish Freshwater Citizen Science
- Projects in one place
- Data on rivers and lochs access for open use
- Forum to connect research/policy with the volunteer community
- A platform for community-led citizen science
- New engagement opportunities business, public, schools
- Resources toolkits, education, funding



# Freshwater Citizen Science Hub Scottish Environment Web







### Freshwater Citizen Science Projects

https://www.environment.gov.scot/get-involved/scottish-freshwater-hub/ Scotland's environment V 60 Search Scotland's environment wells # Our environment - Maps - Data - Get Involved - Educational resources - News - About us -Scottish Freshwater Hub The Scottish Freshwater Hub has so much potential to make a difference to how citizen science and volunteers contribute to addressing environmental problems. Find out more about this hub. Home Got Involved Scottish Preshware Aub More about this hub Bloomin Algae Northern February Red Stonefly Every February Buglife launches its otizen science Welcome so the Otipen Science Scottish Freshwater: Bloomin' Algae is a citizen science app that encourages Huts. This is the place to find out everything you want the public and water-related businesses to report the project The Hunt for the Northern February Red. The to know, and how to get involved in, closen science presence of harmful blooms of blue-green signe in Northern February red stonefly (Brachyptera putata). projects in Scottish rivers, lochs and wetlands. has its global stronghold in the Scottish Highlands Rainfall Observers Network Riverfly on the Esk Water scarcity Rainfall observing is an Interesting and valuable hobby Riverfly on the Esk is a citizen science project located Help SEPA to assess water scarcity stress and forecast. that assists SEPA and the Met Office capture Scrilland's on the River Esk in Midiothian. It joins a nationwide monitoring and report of the situation facing complex rainfall patterns. network of Riverfly Partnership groups across the UK. Scotland's water resources. monitoring freshwater invertebrates as indicators of



Scotland's environment

Welcome to the Citizen Science Scottish Freshwater Hub. This is the place to find out everything you want to know, and how to get involved in, citizen science projects in Scottish rivers, lochs and wetlands.





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Our natural environment is precious to all of us. When it is in a good state it keeps us healthy, both physically and mentally. Most of us want to do our part to keep our environment in good condition and to restore it where it has deteriorated through man-made impacts. Citizen science is a fantastic opportunity for individuals, communities and businesses to do just that. Engaging in citizen science leads to a whole new world of interesting things to do, and people to meet that enables anyone to make really valuable contributions to improving or protecting our rivers, lochs and wetlands.

If you have a citizen science project related to Scottish rivers, lochs or wetlands you would like to list in this hub please Email: rogerowen2806@gmail.com

On these pages can be found information on the many current volunteer projects in Scotland and how you can help, access to observations and data any of the projects have made available, educational resources, and links to a wide range of environmental information related to Scottish freshwaters.



#### Scottish Freshwater Hub

Bloomin Algae

Northern February Red Stonefly

Rainfall Observers Network

Riverfly on the Esk

**SmartRivers** 

Water scarcity

#### Pages we suggest

#### Reporting Invasive Species

#### Citizen Science Mobile apps

Mobile apps - Data

#### Value, status and management

Our environment - Scotland's freshwater

Our environment - Ecosystem Health Indicator

Our environment - Landscape-scale conservation

Scotland's environment map

Data analysis - Water classification hub

Data analysis - Water environment hub

Data analysis - Scottish Pollution Release

Data analysis - Bathing waters

#### The importance and benefits of wetlands habitats

Our environment - Wetlands

#### Scotland's Biodiversity

Our environment - Plants and animals

#### Climate change in Scotland

Our environment - Climate change

Met Office - Weather and climate data

Data analysis - Climate trends

#### The Volunteering Community

The Conservation Volunteers

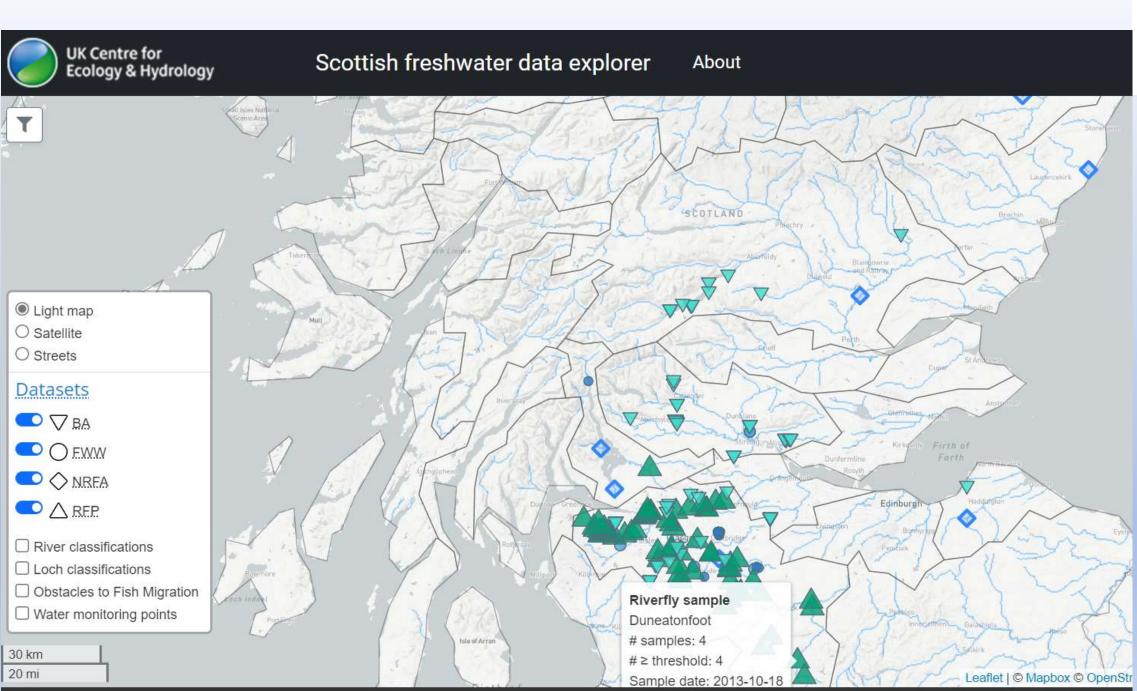
#### Guidance on Initiating Citizen Science and Educational Resources

Get Involved - Useful resources Get Learning - Water

#### Blog

Scotland becoming a resilient hydro nation









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#### Pages we suggest

#### Reporting Invasive Species

Report invasive non-native species (INNS)

#### Citizen Science Mobile apps

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Our environment -

Maps - Data - Get involved - Educational resources -

News - About us -

### More about this hub

Home / Get involved / Scottish Freshwater Hub / More about this hub

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## Citizen Science



#### **Freshwater Citizen Science**

Private group · 29 members



Joined ▼

+ Invite

About Discussion Featured

Rooms

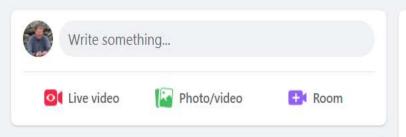
Members Topics

Events

Media







#### About

The Scottish Freshwater Group promotes collaboration on issues related to our precious freshwater environment. The Group is a network of around ... See more



vodafone UK

09:00



Freshwater Citizen S...







Roger Owen shared a link.

Admin 11 Mar · E

Buglife Scotland are inviting citizen scientists to look out for Northern February Red stonefly in February and March. It's a really worthwhile thing to do!



#### TWITTER.COM **BuglifeScotland on Twitter**

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Home













Promoting collaboration on issues related to the freshwater environment – one of Scotland's most precious natural resources

A network of ~350 members. Connecting:

Researchers - policy-makers - regulators - communities

Students - resource managers - consultants - citizen scientists



# Innovating in Freshwater Citizen Science

Climate Change (Net-Zero, Temperature Observations, Species Range Changes,.....)

Crowd-funding Citizen Science

Mobilising Communities towards Environmental Stewardship

# What SFG members can do to help



### Scottish Freshwater Hub

https://www.environment.gov.scot/get-involved/scottish-freshwater-hub/

- **Point to current projects** to include
- >Submit freely accessible citizen science/environmental data
- >Suggest useful content/resources for citizen scientists

FaceBook Group: Freshwater Citizen Science

- ➢ Point to useful opportunities (training, resources, funding, advice)
- **➤** Suggest project ideas
- **➤ Connect** with the volunteer community

# Want to help Freshwater Citizen Science in Scotland?

**Contact:** 

Roger Owen at: rogerowen2806@gmail.com

