



“Informing practical action to address the impacts of climate change on freshwaters in Scotland”

Led by SFG’s Climate Action Team & Session Chairs

– Rachel Helliwell (Scotland’s Centre of Expertise for Waters) & Sarah Halliday (University of Dundee)

Coordinated by Pauline Lang & the SFG Team

<http://www.ceh.ac.uk/scottish-freshwater-group>

SFG virtual meeting hosted by Phil Taylor & Emma Brodie of UK CEH,
supported by Kerr Adams & other members on the day

SFG Agenda



Morning session – Chaired by Rachel Helliwell, with support from Kerr Adams

10:15 Linda May (UK Centre for Ecology & Hydrology, @UK_CEH) – Assessing climate change impacts on the water quality of Scottish standing waters

10:45 Sayali Pawar (University of Dundee, @dundeeuni @pawarsayali20) – Future-proofing Scotland’s water security: delivering safe and resilient water supplies

11:15 Michael Stratigos (Leverhulme Centre for Anthropocene Biodiversity, @AnthropoceneBio @MjStratigos) – Freshwater restoration, climate change and the historic environment

11:45 James Stead (Froglife, @froglifers) – Ponds against climate change

12:15 Lunch Break (45 mins)

Afternoon session – Chaired by Sarah Halliday, with support from Kerr Adams

13:00 SFG Posters, Demonstrations and Drop-ins (Various Presenters) – 1 min bite-size tasters to all and then moving into virtual breakout spaces for more knowledge-exchange interactions

14:00 Stephen Addy (James Hutton Institute, @JamesHuttonInst) and Andrew McBride (Land and Habitats Consultancy) – The role of wetlands in Scotland mitigating hydrological extremes: perspectives and opportunities

14:30 Faye Jackson (Marine Scotland Science, @marinescotland @Faye_L_Jackson) – Where to plant trees to protect rivers

15:00 Alan Bell (Loch Lomond & The Trossachs National Park, @lomondtrossachs) – Delivering for water, nature and climate in Loch Lomond & The Trossachs National Park

15:30 Ronald Daalmans (Chivas Brothers, @ChivasNewsRoom) – Climate risks and actions in freshwater dependent industries: a Scotch Whisky example

16:00 SFG Action Team Updates – *Enabling citizen science in and around freshwaters* led by Roger Owen on behalf of AT #2 project collaborators (10 mins) & *Launching SFG’s Innovation Hub* led by Martin Hughes on behalf of AT #3 project collaborators (5 mins)

16:15 SFG Reflections, Announcements & Meeting Close – with latest updates from the SFG Team

SFG Poster Presentations, Interactive Demonstrations and Climate Action Drop-Ins



- **François-Nicolas Robinne (Natural Resources Canada, @NRCan @UofA_FireWater)** – Wildfire risks to freshwater supply: insights from Canada

- *Breakout Room 1: Supported by Pauline Lang*

- **Alessandro Gimona and Bethany Wilkins (James Hutton Institute, @JamesHuttonInst @AlesGim)** – A web-based tool to support decisions on planting riparian woodlands

- *Breakout Room 2: Supported by Rachel Helliwell*

- **Rosie Walker and James Stead (Froglife, @froglifers)** – Pond Doctor: learn how to create and maintain ponds for can-do practical climate action with members of the Froglife team

- *Breakout Room 3: Supported by Sarah Halliday*

- **A mindfulness space for SFG members to relax and enjoy connecting with our underwater environment** – Freshwater soundscapes courtesy of David de la Haye (Newcastle University, @DJCdeLaHaye)

- *Breakout Room 4: Supported by Kerr Adams*

- **Bruce Eriksen (Scottish Environment Protection Agency, @ScottishEPA)** – SEPA Timeseries Data Service

- *Breakout Room 5: Supported by Martin Hughes*

Wildfires and water security



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François-Nicolas Robinne

(Natural Resources Canada, [@NRCan](#) [@UofA_FireWater](#))

Wildfire risks to freshwater supply: insights from Canada

Breakout Room 1 'Wildfires': Supported by Pauline Lang

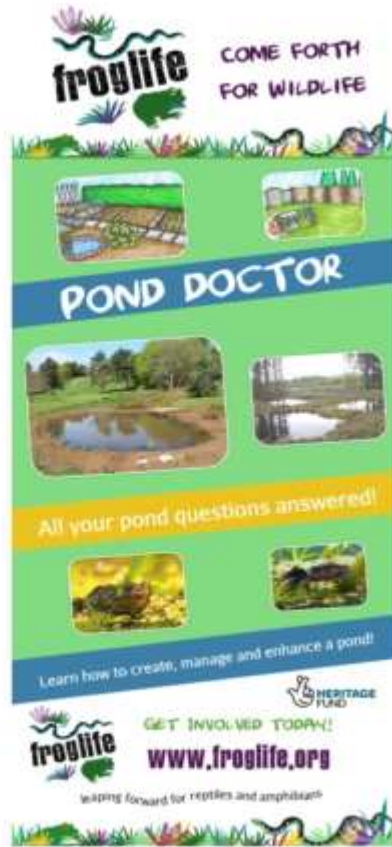
Alessandro Gimona and Bethany Wilkins

(James Hutton Institute, [@JamesHuttonInst](#) [@AlesGim](#))

A web-based tool to support decisions on planting riparian woodlands

Breakout Room 2 'Riparian Woodlands':

Supported by Rachel Helliwell



Rosie Walker and James Stead

(Froglife, [@froglifers](#))

Pond Doctor: learn how to create and maintain ponds for can-do practical climate action with members of the Froglife team

Breakout Room 3 'Pond Doctor': Supported by Sarah Halliday

FRESHWATER SOUNDSCAPES
DAVID DE LA HAYE

**A mindfulness space for SFG members to relax and enjoy
connecting with our underwater environment**

Freshwater soundscapes courtesy of David de la Haye (Newcastle
University, [@DJCdeLaHaye](#))

Breakout Room 4 'Mindfulness Space': Supported by Kerr Adams

Bruce Eriksen

(Scottish Environment Protection Agency, [@ScottishEPA](#))

SEPA Timeseries Data Service

Breakout Room 5 'SEPA Timeseries Data Service':

Supported by Martin Hughes