102nd Meeting of the Scottish Freshwater Group

The SFG was founded by Peter Maitland in 1968

Exploring the practicalities of delivering freshwater conservation work and restoration projects

Guest SFG Coordinator & Chair – Charlie Perfect (SEPA)

Coordinated by Pauline Lang & the SFG team

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

SFG mtgs. are supported by our life partner, the University of Stirling

What would Greta say to SFG?

Ending the climate & ecological crisis inspired her to act radically – she is shifting mindsets needed for changing the world – unprecedented leap from spectators to tackling human root causes



Climate Change
Flood Risk & Water Scarcity
Plastic Waste
Diffuse Pollution
Natural Resource & Energy Use
Human Population Growth
Biodiversity Loss
Societal Behaviour, etc.

#SFG102 @Scottish_FwGrp

SFG Meetings Transforming the future

Creating a safe place for our SFG Members to connect, grow & collaborate

SFG's Shared Vision

Opportunity to live our purpose Developing future generations of environmental leaders*

SFG Action Team Memberships

Urgency for community-level action

= scientists, enthusiasts, researchers, practitioners, innovators, problem-solvers etc.

SFG Updates Action Team Memberships

3 visionary themes – outcome focussed projects, ATMs accountable for getting concepts off the ground

Thanks @ 4% SFG community committed to cause: trailblazing new way of working & creating a better future – 18 members going first, our pioneers!

• Think big & boundlessly – global impact

• Be collaborative & inclusive – open engagement

• Feel energized & adventurous – inspire our legacy

SFG Updates

First 3 Action Team Memberships – outcomes SFG Deputy Coordinator maintain strategic overview & SFG team supporting our members in each ATM

ATM #1: Create SFG partnership solutions for sustainably tackling 21st C environmental challenges

ATM #2: Optimise citizen science opportunities at future SFG meetings

#SFG102

ATM #3: Develop the SFG's innovation hub

SFG's Purpose

SFG Updates Transforming the future

- SFG meetings enable a safe place for everyone to learn, share capabilities, connect & develop
- Our purpose, vitality & longevity depends on evolving a collaborative forward-thinking culture
 - *Examples* presenting, chairing, ATMs, mentoring, creating themes, road-testing ideas, giving feedback, facilitating workshops, SFG team responsibilities, etc.
 - Guest SFG Coordinator role up for grabs!

Our SFG Theme Charlie Perfect

"Exploring the practicalities of delivering freshwater conservation work and restoration projects"

THE SCOTTISH FRESHWATER GROUP

The 102rd SFG meeting will take place on Thursday 25th April 2019. Taks will be held in the Logie Lecture Theatre and posters in the Foyer outside the Logie Lecture Theatre, adjocent to the Cottrell Building, University of Stirling.

This meeting is themed around exploring the practicalities of delivering free/water conservation work and restoration projects understate by our diverse \$F6 ommunity – we hope many of you will come along to support our contributors and enjoy getting together. As customary, these meetings are open (pre-registration not required), welcoming and there for \$F6 members to a strend – except for lunct/beverages (sussily served in the Cottrell Building) and campus parking fees, incurred at own cost.

Guest SFG Coordinator & Chair - Charlie Perfect (SEPA)

09:30 Inaugural Scottish Freshwater Group Mini Film Festival (optional)

In today's digital era, stories are often nowcased in pont films. We have created an opportunity for our SFG memores to enjoy a compliation of video clips, inspired by our meeting theme, running from the lecture thestre beforehand. Hopefully you can join us for this cinematic experience involving people and projects from scross the UK and beyond, over tea/cofter (not provideo); lease bring your own).

To onsure smooth running of agonda proceedings — we invite our 340 presenters to arrive ahead of time to upload office or submit a copy to the Quest 340 Coordinator in advance

Morning Session

10:30 Pauline Lang & Charlie Perfect (SFG) - "Welcome, SFG updates & theme"

10:40 Toby Wilson (RSBP) - "Delivering ecological coherence, EcoCoUFE"

11:00 Nick Benge (Water Gems) - "Improving urban waterbodies"

- 11:20 Michael Stratigos (SUERC) "The lost lochs of Scotland: historical ecology approaches for understanding Anthropocene hydrological systems"
- 11:40 Scott Ferguson (Seven Lochs Project) "Creating multi-functional green infrastructure at Seven Lochs"

12:00 SFG speed poster introductions (Various) - "60 second bite-size tasters"

- Kerr Adams
- Alen Lew
- Lawrence Bellini
- Sean Robertson
- Anne Griffin
- Space available for others on the day

12:15 – 14:00 Extended lunch for Poster Presentations Please try to join this session from 13:00 in the Poyer outside the Logie Lecture Theatre for SFG networking prior to afternoon session

The Seotiah Freshvater Group is coordinated by Pauline Lang (SEPA) and the SFO team, with meetings hosted by the University of Stirling.

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Afternoon Session

- 14:00 Chris Spray (University of Dundee) & Luke Comins (Tweed Forum) "Delivering river restoration on Tweed and Eddleston: lessons from the coshice"
- 14:20 Ed Curiey (University of Glasgow) "Investigating the behavioural and physiological response of endangered freshwater pear mussels (Margarithfera margarithfera) to stress exposure"
- 1440 Hamish Moir, Eric Gillies (Coec Eco-engineering UK Ltd) & David Holland (Salix River and Wetland Services Ltd) – "Engineered large wood structures: practical experience of design, implementation and monitoring from processbased restoration to sustainable bank protection applications"
- 15:00 Callum Sinclair (SNH) "The Scottish Invasive Species Initiative, SISI"
- 15:20 Profiling SFG Membership Career Pathways (Various) "Informal opportunity for a cross-section of SFG members to panel audience questions, share career pathway experiences and help inspire our future environmental leaders"
- 16:00 Announcements & Meeting Close

Followed by a social drink in the Meadowpark Hotel

Next meeting of the Scottish Freshwater Group will be held on Thursday 24th October 2019 at the University of Stirling – an announcement will be communicated by the SFG team, with further updates to follow via e-circular and social media.

If you would like to other tails or poster for future SFG meetings, join our network (membership is free) and receive more details – please email the SFG mailbox (<u>SociahrferwisterCoupExpansor</u> ui) or context a SFG feam member. Further information and summary reports can be found on the <u>SFG weaks</u>, it is also possible to receive SFG notifications via Feadbox or follow us on Twitter!

Find us on Facebook Scottish



Group

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Poster Presentations (Foyer outside Logie Lecture Theatre)

- The Scottish freshwater landscape and its resilience to change: an assessment to support future policy

 Kerr Adams (University of Edinburgh), Marc Metzger, Rachel Helliwell, Ina Ponie & Kit Madeod
- A comparison of multiple invertebrate sampling methods and the implications for ecological quality classification

 Alan Law (University of Stirling), Kade Jess, Ewan Severt, Scott Preser & Niget Wilby
- Restoring Scotland's rivers

 Lawrence Bellini (SEPA)
- Trap and truck of salmon smolts to mitigate for downstream smolt passage issues
- Sean Robertson (Kyle of Sutherland Fisheries)
- Healthy rivers, healthy communities
 Katriona Lundberg, Susan Dalziel & Anna Griffin (SEPA)

· Other posters on any freshwater-related topic most welcome on the day

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#SFG102