

DAY 1: Thursday 15th November

PROGRAMME OUTLINE – at a glance

TIME	ACTIVITY	Chair	LEAD/FACILITATOR
From 09:00	Arrival & coffee		
09:30	Welcome	Brice Rea	Mark Inall, Director Des Thompson, Chair of Advisory Board
09:45	Session #1 Science Themes T1,2,4@18 + T3@25	“	Science Theme introductions & highlight talks
11:05	Coffee		
11:30	Session #2: Environmental Quality and Human Wellbeing	Sian Henley	Beverley Searle (lead) Eileen Stuart (SNH Head of Policy & Advice) Peter Singleton (SEPA)
12:30	Dynamic Coast project: delivering the evidence base to support enhanced coastal resilience	“	Jim Hansom (University of Canterbury NZ and University of Glasgow)
12:45	Lunch		
13:45	Session #3 Earth System Dynamics and HPC	“	Massimo Bollasina, Matteo Spagnolo + Geoverbund colleagues
15:00	Refreshment break		
15:30	Session #4: Validate, Volcanoes	Ehsan Jorat	Luca De Siena (lead)
16:30	Session #5: Carbon	“	Christian Schroeder (Lead) and Geoverbund colleagues
17:15	Arctic Preview	Rob Bingham	Mr Henry Burgess, Head UK Arctic Office
17:30	Posters and wine Breakout room available	Rebecca Wade	Poster presenters 30 second pop-ups
20:00	Conference Dinner Inc. poster and PhD paper prizes		

DAY 2: Friday 16th November

PROGRAMME OUTLINE – at a glance

TIME	ACTIVITY	Chair	LEAD/FACILITATOR
09:00	Session #5 continued: Carbon	Philippa Ascough	Christian Schroeder (Lead) and Geoverbund colleagues
10:45	Coffee		
11:10	Session #6 Water Cycle	“	David Blackwood (lead) Alexandre Gagnon Jon Rathgen (Scottish Water) and Geoverbund colleagues
12:55	Graduate School update	John Howe	John Howe
13:00	Lunch		
14:00	Session#7: Fiord, Ice/Ocean interactions	“	Rob Bingham (lead)
15:00	Breakout sessions: Carbon, Water, new forum discussions – coffee and rooms available		
16:15	Keynote Speaker	Mark Inall	Prof Pete Smith, FRS
17:00	Thanks and formal close		Mark Inall

LISTING: SPEAKERS and TALK TITLES

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TIME	SPEAKER	INSTITUTE	TALK TITLE
09:30	Mark Inall	SAGES	Welcome
09:30	Des Thompson	SNH	Biodiversity leadership in Scotland
SESSION #1: SAGES Science Themes			
09:45	Rob Bingham	Edinburgh	Theme leader handover
“	Rebecca Wade	Abertay	Theme leader introduction
“	Emrys Philips	BGS	Theme leader introduction
“	Jean Christophe Comte	Aberdeen	Impacts of PEER/PECRE award 2016: opportunities and achievements in groundwater research
10:05	Ehsan Jorat	Abertay	Theme leader introduction
“	Philippa Ascough	SUERC	Theme leader introduction
“	Lorna Street	Edinburgh	Beneficial impact of Theme 2 funding on research
10:20	Sian Henley	Edinburgh	Theme leader introduction
“	Finlo Cottier	SAMS	Theme leader introduction
“	Alexis Moyer	Edinburgh	A simplified approach for estimating seasonal variations in iceberg freshwater flux into glacial fjords
“	Nick Kamenos	Glasgow	Abrupt changes in Greenland Ice Sheet runoff and seawater temperature since the 1800s
10:45	Daniel Gilmour	Abertay	Theme introduction
“	Nada Saidi	Dundee	Ecosystem Services Bundles in Urban Areas: Planning our Green Spaces for Multiple Benefits
“	Luca De Siena	Aberdeen	Exchange with Universite De Toulouse & Instituto Nazionale Napoli
SESSION #2: Environmental Quality and Human Wellbeing			
11:30	Beverley Searle	Dundee	Pollinating wellbeing
“	Eileen Stuart	SNH	Connecting People with Nature – the SNH Way
“	Peter Singleton	SEPA	10 years to protect our species and ecosystem?
12:30	Jim Hansom	Glasgow	Dynamic Coast project: delivering the evidence base to support enhanced coastal resilience
SESSION #3: Earth System Dynamics and HPC			
13:45	Massimo BOLLASINA	Edinburgh	Theme leader introduction
“	Matteo Spagnolo	Aberdeen	Theme leader introduction
“	Mat Williams	Edinburgh	Diagnosing and constraining the terrestrial carbon cycle
“	Alex Priestley	Edinburgh	Model development: a user's perspective
“	Harrie-Jan Hendricks-Franssen	Geoverbund ABC/J	TBC

“	Slavko Brdar	Geoverbund ABC/J	Centre for High Performance Scientific Computing in Terrestrial Systems
SESSION #4: Validate, Volcanoes			
15:30	Luca De Siena	Aberdeen	TBC
“	Iestyn Barr	MMU	Glaciovolcanism in a changing climate
“	Phil Benson	Portsmouth	Volcano-tectonic hazard and risk calibration using rock physics as a Laboratory tool
“	Chris Bean	DIAS	Ground vibrations: Environmental sensing beyond earthquake seismology
SESSION #5: Carbon, Source to sink			
16:30	Christian Schroeder	Stirling	The SAGES Source to Sea Forum
“	Lydia Hallis	Glasgow	Extra-terrestrial carbon - show breadth of SAGES and Theme 2 activities
“	Amy Pickard	CEH	LOCATE: measuring carbon flux on the GB scale
Preview for FIORD Session			
17:15	Henry Burgess	Arctic Office	NERC Arctic Office: role, priorities and opportunities

DAY 2: Friday 16th November

TIME	SPEAKER	INSTITUTE	TALK TITLE
SESSION #5: Carbon, Source to Sink continued from Thursday			
09:00	Roxane Andersen	UHI	Activities in the Flow Country peatlands
“	Carla Casas	Abertay	Microbial induce calcite precipitation
“	Roland Bol	Geoverbund ABC/J	Carbon/Peatlands
“	Deborah Wood	Stirling	Mineralogy of water-borne, iron-bearing nanoparticles and colloids from peat draining catchments: A novel method employing synchrotron-based Mössbauer spectroscopy.
“	Anja Klotzsche	Geoverbund ABC/J	Peatlands as structured archives - Enhancing our access to the information content of peat deposits using GPR
“	Alexander Graf	Geoverbund ABC/J	CO2 fluxes between land surface and atmosphere - effect of land use and outlook on summer 2018 effects?
SESSION #6: Water Cycle			
11:10	David Blackwood	Abertay	Session introduction and overview
“	Harrie-Jan Hendricks-Franssen	Geoverbund ABC/J	Surface & Ground Water Interaction
“	Bulent Tezkan	Geoverbund ABC/J	Near surface exploration using electromagnetic methods
“	Joseph Akunna	Abertay	Contaminants of Emerging Concern Sub-group update
“	Daniel Gilmour	Abertay	Catchment Management Sub-group update
“	Jon Rathjen	Scottish Government	Scotland the Hydro Nation: domestic and International aspects
12:55	John Howe	SAGES	Graduate School Update
SESSION #7: Fiord, Ice/Ocean interactions			
14:00	Rob Bingham	Edinburgh	TBC
“	Dan Goldberg	Edinburgh	TBC
“	Charlie Bunce	Edinburgh	What controls ice front change at tidewater glaciers
“	Joe Todd	St Andrews	Understanding how submarine melt and mélange buttressing affect glacier calving by combining discrete and continuous models
“	Joe Todd	St Andrews	Does Marine Ice Cliff Instability imply irreversible retreat of Thwaites Glacier?
16:15	Pete Smith	Aberdeen	Opportunities and limitations of land-based greenhouse gas removal options
17:00	Mark Inall	SAGES	Thanks & Formal Close