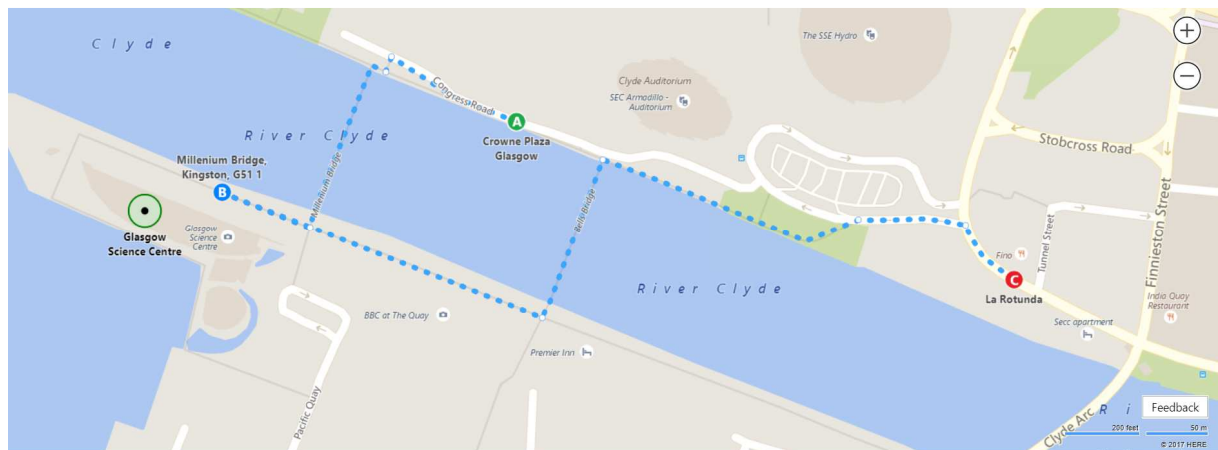


Science Meeting 2017

Glasgow Science Centre
50 Pacific Quay
Glasgow G51 1EA

t: 0141 420 5000

<http://www.glasgowsciencecentre.org/>



<https://binged.it/2fEHrA8>

Dr Kirsty Crocket
Science Coordinator
NERC Changing Arctic Ocean
t: 01631 559 407
e: kirsty.crocket@sams.ac.uk

Thursday 28 September

8.45	<i>Coffee</i>	
9.00	Welcome by the Chair of the Programme Advisory Group	David Thomas
9.10	Programme coordination A progress update on coordination activities: CAO website, data management, conference sessions, communication activities.	Kirsty Crocket
9.30	BODC update Expansion of Data Management Policy; data submission; deadlines; availability of specific datasets	Joana Beja
9.40	NERC Arctic Office "The role of the NERC Arctic Office in supporting UK-based researchers: Connection, representation and delivery"	Henry Burgess
10.00	Science Team from Dept for Business, Energy & Industrial Strategy (BEIS) "The role of science in evidence-based policy making: Process and practicalities"	Dr Cathy Cole
10.20	Engaging in science and policy knowledge exchange "Benefits of understanding and engaging with evidence needs: An academic's perspective"	Prof Bridget Emmett, CEH
10.40	Report on Arctic summer cruise 2017 from the PSO Synthesis of the summer cruise to the Barents Sea	Jo Hopkins
11.00	<i>Coffee</i>	
11.30	ARISE <ul style="list-style-type: none"> • Overview, updates and future plans – Claire Mahaffey • Module 1: Mapping the isoscape – Raja Ganeshram, Jo Hopkins and Claire Mahaffey • Module 2: Seals as indicators of change – Rachel Jeffreys, Sophie Smout and Camille de la Vega • Module 3: Decadal change - Claire Mahaffey and Rachel Jeffreys • Module 4: So what - Sophie Smout and James Grecian • Studentships – Rachel Jeffreys, Rowena Stern, Claudia Castellani, Bart van Dongen and George Wolff • Outreach – Claire Mahaffey 	Claire Mahaffey
13.00	<i>Lunch</i>	
14.00	ChAOS <ul style="list-style-type: none"> • Introduction to ChAOS: Objectives, team, collaborations, JR16006 from a ChAOS perspective – Christian März • Details on ChAOS components: Benthic biology, pigments, radiocarbon, modelling – Christian März • Organic geochemistry – Geoff Abbott, Mark Stevenson • Pore water chemistry – Sian Henley • Inorganic sediment geochemistry – Johan Faust • Barents Sea cruise 2017 video – Johan Faust 	Christian März
15.30	<i>Coffee</i>	

Thursday 28 September continued

16.00	Arctic Prize <ul style="list-style-type: none"> • PRIZE Overview and 2018 Plans: Project aims and objectives. Progress update. Plans for future cruises, both programme and non-programme – Finlo Cottier • Evaluation of glider trials from 2017 – Marie Porter • Sea Ice: Which satellite products are available – Phil Hwang • Optical properties of Arctic waters – David McKee • Initial nutrient results from 2017 – Sian Henley • Copepod behavioural modelling from acoustic data – Laura Hobbs • Polar night ecology – Kim Last 	Finlo Cottier
17.30	General discussion Discussion of topics/issues raised in project sessions.	David Thomas
19.00	<i>Dinner at La Rotunda</i>	

Friday 29 September

8.45	<i>Coffee</i>	
9.00	DIAPOD <ul style="list-style-type: none"> • DIAPOD overview, and specifics on lipids – David Pond • Remote sensing of diatoms and their lipids – Anna Belcher • <i>Calanus</i> based models – Neil Banas 	David Pond
10.00	<i>Coffee</i>	
10.30	Programme modelling session This session will introduce the models that feature in each of the four CAO projects, and address the following two questions: <ul style="list-style-type: none"> • What kinds of predictions will each of these models make possible? • What opportunities are there to compare models across the four projects, or improve a model in one project using data from another? <i>Individual presentations:</i> <ul style="list-style-type: none"> • Introduction + UKESM update - Neil Banas on behalf of Andy Yool • The BRNS diagenesis model: benthic-pelagic exchange - Christian März and Sandra Arndt • The PISCES biogeochemical model - Claire Mahaffey on behalf of Alessandro Tagliabue • The PRIZE phytoplankton model - Neil Banas • The StrathCal copepod population model - Dougie Speirs • The Coltrane copepod community model - Neil Banas • Population modelling in ARISE - Sophie Smout 	Neil Banas
12.00	Concluding discussion, Discussion of topics/issues raised in project sessions, and concluding remarks.	David Thomas
13.00	<i>Lunch and departure</i>	