



AGM 2021

Challenger Society for Marine Science
September 10, 2021



Council Members 2020

Officers of Council

- | | |
|-----------------------|-------------------|
| • Ros Rickaby | President (elect) |
| • Rob Upstill-Goddard | President (past) |
| • Ed Mawji | Treasurer |
| • Mattias Green | Secretary |

Co-opted members

- | | |
|----------------------|--------------------------|
| • Angela Colling | Ocean Challenge editor |
| • Stephen Dye | Chair OC editorial board |
| • Kerry Howell | Challenger 150 |
| • Rachel Mills | Challenger 150 |
| • Richard Herrington | 2022 conference chair |
| • Nick Owens | 2021 conference chair |

Council members


- | | |
|----------------------|---------------------------------------------|
| • John Allen | Challenger Wave editor |
| • Stephanie Allen | SIGs |
| • John Bacon | Webpage |
| • Lidia Carracedo | ECR and diversity |
| • Chelsey Baker | Membership |
| • Katie St John Glew | Media and communications |
| • Terry Sloane | Industry liaison |
| • Al Tagliabue | SCOR |
| • David Thomas | Chair of NOC-A |
| • Judith Wolf | Outreach and Education |
| • Sophie Wilmes | Travel awards and Stepping Stones bursaries |

Agenda

- 1.Approval of minutes, AGM on September 2020
- 2.Matters arising from minutes of AGM 2020
- 3.President's Report
- 4.Portfolio reports
- 5.Treasurer's report and accounts
- 6.Appointment of auditors for Independent Financial Review
- 7.Election of new Council Members
- 8.AOB

Approval of minutes of previous the AGM, September 28, 2020, online

http://www.challenger-society.org.uk/Annual_General



About Us Contact Us Login

Challenger Society for Marine Science

Home News **Events** Special Interest Groups Membership Publications The Society Awards

Education and Outreach SCOR Blog ECR Network

Virtual Conference 2021

- Science for the UN Decade of the Ocean

Challenger Society 2022 Conference

Challenger Society 2020 Conference

Challenger Society 2018 Conference

- 2018 Conference Photo Gallery
- Presidents Photography Competition 2018

Challenger Society 2016 Conference


- Presidents Photography Competition

Challenger Society 2014 Conference

- Challenger Society 2014 prize winners

Conference 2014

Annual General Meetings




President's Reports

Annual General Meeting - 2020 - Virtual Online via Zoom

Annual General Meeting 2019 - Edinburgh

Latest News

Ocean Business 2021



It's here!! At last a live event....

Discover innovations at the forefront of ground-breaking ocean technology. A free event for everyone in the ocean science and technology community.

[Read More](#)

News items from the

Proposer: David Marshall

Seconder: Nick Owens

2. Matters Arising
none to report

3. President's Report - AGM 2021

Rob Goddard and Ros Rickaby

Covid-19: Disruption to major Society Activity

Challenger Society 2020 Conference, SAMS, Oban: **CANCELLED**

A series of 4 virtual events for autumn of 2021:

- *9th September 2021 - 12:00-13:30 and 10th September 2021 16:00-17:00*
Welcome, Fellowship Award talks and the Annual General Meeting
- *5th and 6th October 2021 - 13:00-14:30*
Equality, Diversity and Inclusivity sessions, co-hosted with MASTS
Abstract submission deadline 13 September 2021.
- *18th November 2021 - 13:00-14:30*
Science for the UN Decade of the Ocean
Abstract submission deadline 18th September 2021.
- *9th December 2021 - 13:00-14:30*
Defining Challenger Society's Role in Marine Science

EDI working group established on Council
(gratefully led by Kate Hendry)



Covid-19: Disruption to major Society Activity

Challenger Society 2021 Virtual Conference

Event 2: Equality, Diversity and Inclusivity

- *6th October 2021 - 13:00-14:30*

We are looking for case studies of best practices relating to EDIA initiatives in marine science.

- Abstract submission deadline 14 September 2021:
<https://forms.office.com/r/ifaPA6P85Z>

Event 3: Science for the UN Decade of the Ocean

- *18th November 2021 - 13:00-14:30*

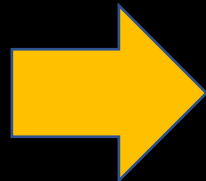
- We would like to hear about your work in the context of the Ocean Decade, with 2-minute video pitches for a 10-min presentation slot.

- Abstract submission deadline 18th September 2021:
<https://forms.office.com/r/3SYwhS8H5M>

- Full details on Challenger Society website: https://www.challenger-society.org.uk/Virtual_Conference_2021



2021
2030 United Nations Decade
of Ocean Science
for Sustainable Development



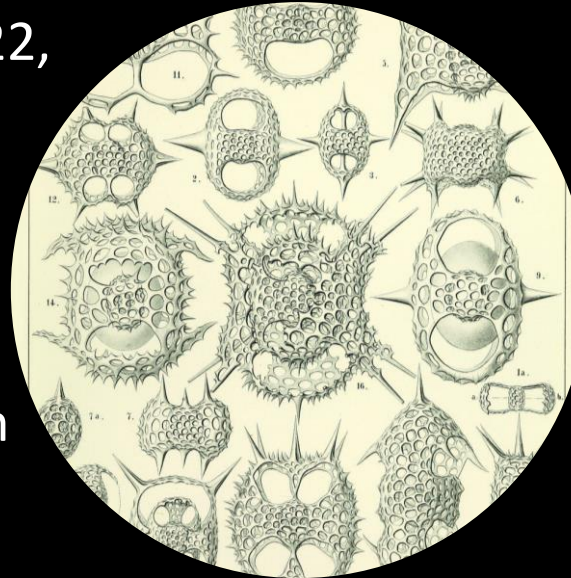
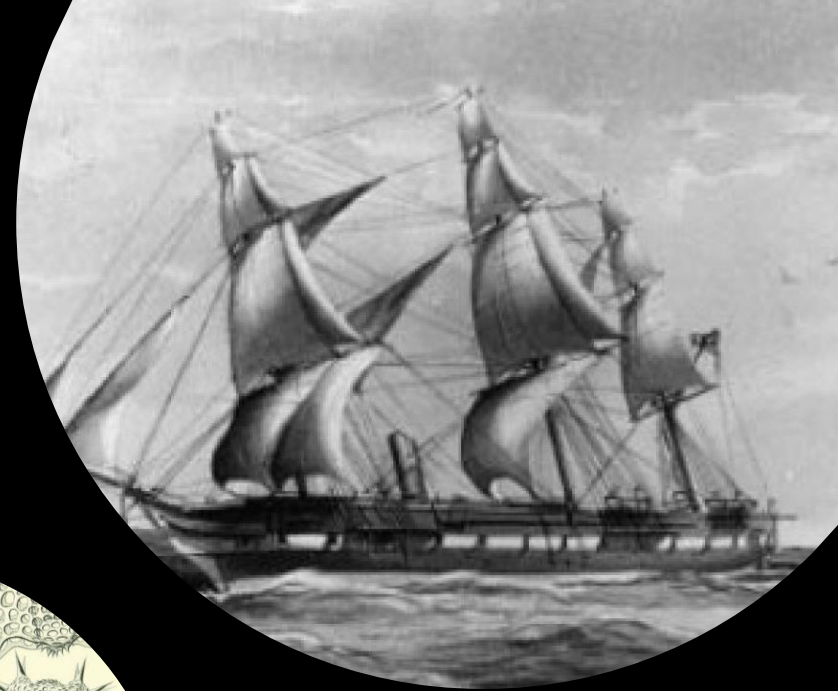
Please encourage your colleagues,
students & associates to submit their work!!

Challenger 150

Celebrating the 150th Anniversary of the Challenger Expedition. 1872-1876

- 2022 Challenger Conference: 5-9 September 2022, Natural History Museum, London
- Showcasing the HMS Challenger expedition
- Organization:
 - Kerry Howell: University of Plymouth
 - Richard Herrington: Natural History Museum

Further information: Rachel Mills R.A.Mills@sussex.ac.uk

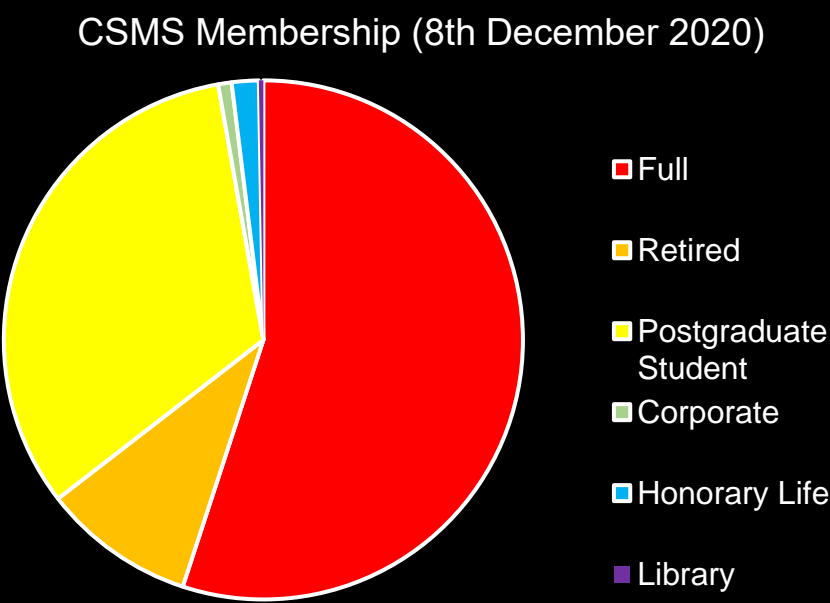
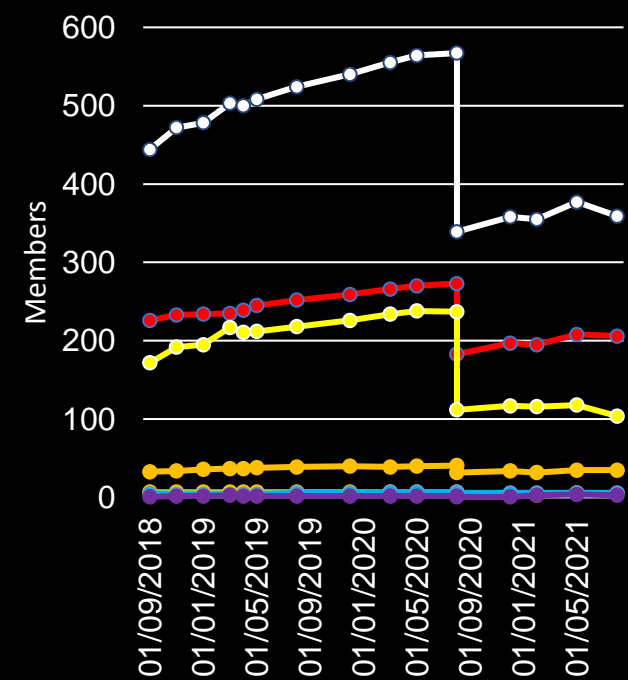


4. Portfolio reports

Membership and Data Protection

Chelsey Baker

- Updated membership statistics to reflect fully-paid members (as of 8th December 2020)
- CSMS Data Protection Policy available online (amended 28th August 2020)
- Purge of expired members carried out August 2020



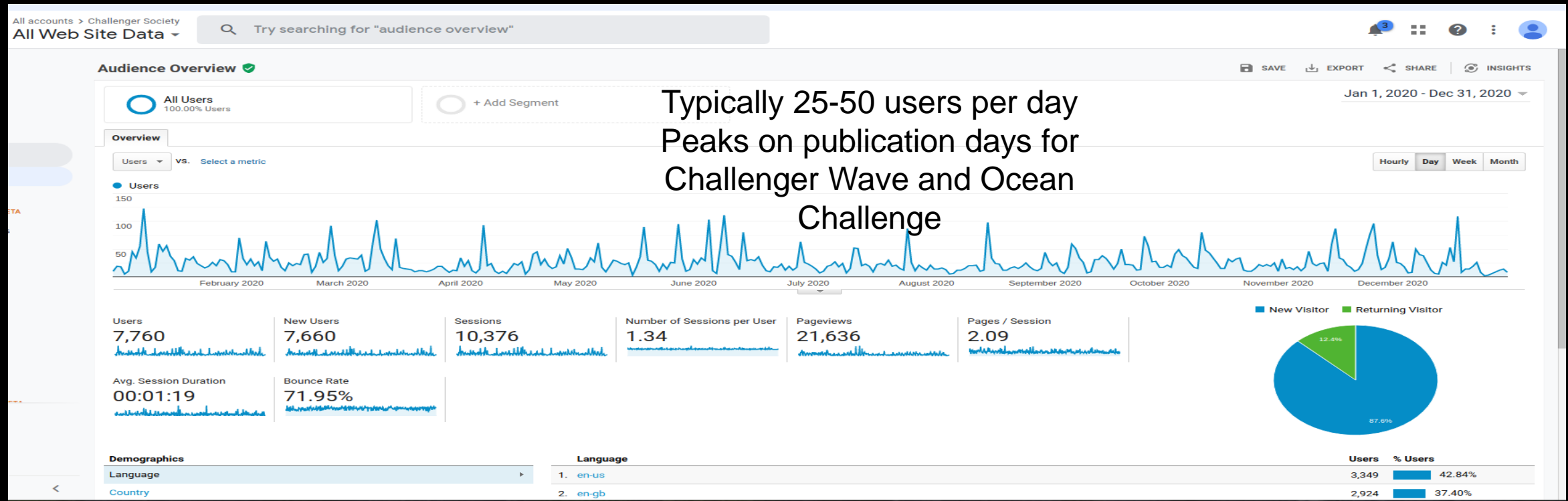
Membership Type	Membership (08.12.2020)	Change in 2020
Full	197 (55.0%)	-62
Retired	34 (9.5%)	-6
Postgraduate student	117 (32.6%)	-109
Corporate	3 (0.8%)	-4
Honorary Life	6 (1.7%)	No change
Library	1 (0.3%)	-1
Total	358	-182

Website Development

John Bacon and Chelsey Baker

2020 Features

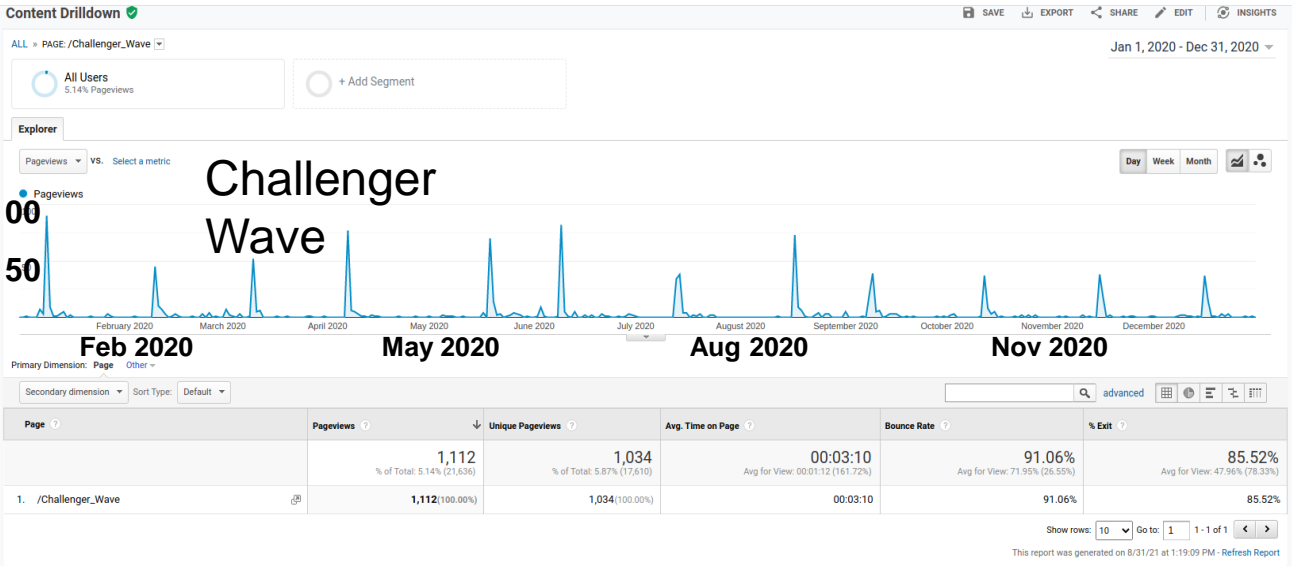
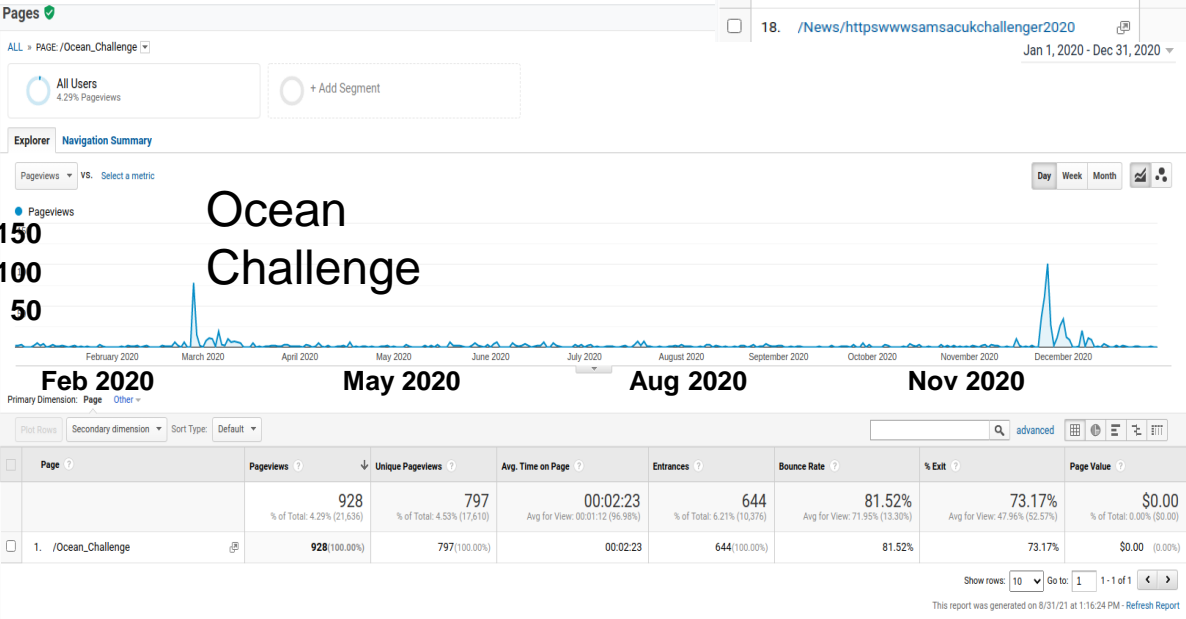
- Continued with our supported hosting and development service - improved security, reliability and information – Google Analytics
- Diversity area improvements
- Donation links via PayPal.



Website Analytics

<input type="checkbox"/>	Page ?	Pageviews ?	Unique Pageviews ?	Avg. Time on Page ?	Entrances ?	Bounce Rate ?	% Exit ?	Page Value ?
		21,636 % of Total: 100.00% (21,636)	17,610 % of Total: 100.00% (17,610)	00:01:12 Avg for View: 00:01:12 (0.00%)	10,376 % of Total: 100.00% (10,376)	71.95% Avg for View: 71.95% (0.00%)	47.96% Avg for View: 47.96% (0.00%)	\$0.00 % of Total: 0.00% (\$0.00)
<input type="checkbox"/>	1. /	3,336 (15.42%)	2,817 (16.00%)	00:00:57	2,710 (26.12%)	51.55%	49.52%	\$0.00 (0.00%)
<input type="checkbox"/>	2. /History_of_the_Challenger_Expedition	2,442 (11.29%)	2,145 (12.18%)	00:03:28	2,061 (19.86%)	85.78%	82.64%	\$0.00 (0.00%)
<input type="checkbox"/>	3. /Members	1,481 (6.85%)	809 (4.59%)	00:01:35	317 (3.06%)	61.83%	31.13%	\$0.00 (0.00%)
<input type="checkbox"/>	4. /Challenger_Wave	1,112 (5.14%)	1,034 (5.87%)	00:03:10	962 (9.27%)	91.06%	85.52%	\$0.00 (0.00%)
<input type="checkbox"/>	5. /Ocean_Challenge	928 (4.29%)	797 (4.53%)	00:02:23	644 (6.21%)	81.52%	73.17%	\$0.00 (0.00%)
<input type="checkbox"/>	6. /Home	611 (2.82%)	468 (2.66%)	00:00:38	102 (0.98%)	52.94%	26.84%	\$0.00 (0.00%)
<input type="checkbox"/>	7. /Travel_Awards	602 (2.78%)	526 (2.99%)	00:02:22	350 (3.37%)	72.86%	60.30%	\$0.00 (0.00%)
<input type="checkbox"/>	8. /About_Us	526 (2.43%)	373 (2.12%)	00:00:09	28 (0.27%)	82.14%	9.13%	\$0.00 (0.00%)
<input type="checkbox"/>	9. /Current_vacancies	433 (2.00%)	363 (2.06%)	00:01:23	290 (2.79%)	73.10%	62.12%	\$0.00 (0.00%)
<input type="checkbox"/>	10. /CSMS_2020_Conference	332 (1.53%)	285 (1.62%)	00:01:18	61 (0.59%)	81.97%	51.81%	\$0.00 (0.00%)
<input type="checkbox"/>	11. /The_Council	331 (1.53%)	264 (1.50%)	00:01:55	55 (0.52%)	68.52%	45.62%	\$0.00 (0.00%)
<input type="checkbox"/>	12. /Special_Interest_Groups	312 (1.44%)	224 (1.27%)	00:01:11	105 (1.01%)	48.57%	23.40%	\$0.00 (0.00%)
<input type="checkbox"/>	13. /Contact	310 (1.43%)	228 (1.29%)	00:01:11	25 (0.24%)	60.00%	33.23%	\$0.00 (0.00%)
<input type="checkbox"/>	14. /Grants_and_Awards199	306 (1.41%)	252 (1.43%)	00:01:05	137 (1.32%)	64.23%	38.56%	\$0.00 (0.00%)
<input type="checkbox"/>	15. /News	291 (1.34%)	221 (1.25%)	00:00:33	26 (0.25%)	76.92%	19.93%	\$0.00 (0.00%)
<input type="checkbox"/>	16. /Stepping_Stones	276 (1.28%)	242 (1.37%)	00:02:02	144 (1.39%)	79.86%	57.61%	\$0.00 (0.00%)
<input type="checkbox"/>	17. /The_Society	274 (1.27%)	230 (1.31%)	00:00:55	33 (0.32%)	39.39%	19.34%	\$0.00 (0.00%)
<input type="checkbox"/>	18. /News/httpswwwsamsacukchallenger2020	271 (1.25%)	237 (1.35%)	00:01:00	115 (1.11%)	74.78%	60.52%	\$0.00 (0.00%)

Page Classification



Challenger Wave

John Allen

- 12 issues published in 2020 – emails to active members – download function.
- Articles can be submitted at any time to John Allen (john@vectisenvironmental.com)
- Especially news from research cruises, links to blogs, and job opportunities

https://www.challenger-society.org.uk/Challenger_Wave

December 2020

Challenger Wave

Monthly newsletter of the Challenger Society for Marine Science (CSMS)



NEWS

Capital Expenditure Proposals NMEP/MFAB
Members of the NERC-funded marine research science community, who are involved in research expeditions which utilise National Marine Equipment Pool (NMEP) equipment, www.noc.ac.uk/facilities/national-marine-equipment-pool, are invited to submit proposals for sensors, systems or platforms to enhance the NMEP. Proposals are collated and reviewed on an annual basis for consideration by the Marine Facilities Advisory Board (MFAB), new.noc.ac.uk/about-us/our-national-role/advisory-bodies, with those endorsed passed to National Marine Facilities (NMF) to progress when funding is available.

Between 2018 – 2020, 13 proposals have been reviewed, seven have been endorsed for inclusion as aspirations in the Technology Road Map, noc.ac.uk/files/documents/about/ispol/COMMS1155_NMF_TECHNOLOGY_ROADMAP_202021_V4.pdf, two of which with capital funding assigned. The seven include marine snow catchers, active heave compensation for RRS *James Cook*, and partial pressure CO₂ systems. For further information about Capital Expenditure proposals and/or the application process, please contact MFAB Secretary, Jackie Pearson (jfpea@noc.ac.uk)

Expressions of interest to sit on the MFAB are always welcome. Please contact the MFAB secretary Jackie Pearson jfpea@noc.ac.uk for information and guidance.

NATIONAL MARINE FACILITIES TECHNOLOGY ROADMAP 2020/21



Marine Pollution Bulletin special issue call for papers
The Marine Stressors Forum of the Marine Alliance for Science and Technology for Scotland (MASTS) has been holding regular sessions at MASTS Annual Science Meetings over the past few years. A key outcome of these sessions is the shared recognition that our understanding of the nature and impact of the interactions of multiple abiotic and biotic stressors from a variety of sources on marine species has some major and critical gaps.

Sources of stress include chemical, noise and light pollution as well as climate change-related parameters, such as water temperature, pH and salinity, furthermore fishery, coastal/sea-use changes and changes in species interactions, such as predation and resource competition. To date, our knowledge of whether and how different stressors interact is minimal. It is often assumed that interactions are additive, but in fact they can be antagonistic, synergistic and include potentiation.

We seek contributions for a Marine Pollution

www.challenger-society.org

Ocean Challenge

Angela Colling (Editor),

Stephen Dye (Chair, Editorial Board)

- Volume 24, No.1 was published in February, and Volume 24, No.2 was published in December.
- We had a successful and productive 'Teams' meeting at the end of May, with lots of good ideas for future articles.
- Lockdown made the second issue a particular challenge and we want to thank everyone connected with Ocean Challenge.
- Grateful thanks to outgoing Editorial Board member Will Homoky and thanks to Emma Cavan who agreed to join in 2021.
- We need at least one more member, and hope to diversify the Editorial Board and maintain the breadth of disciplines and a range of institutions that represents the Challenger Society membership. An open call for members will follow this AGM.

**Celebrating RV *Prince Madog* • In support of sharks •
Supertides and supercontinents • Using models to
prepare for oil spills • How seaweed traps carbon •
The first marine ecosystem model**

Vol. 24, No. 1

OCEAN
Challenge




**Towards equality in sea-going science •
Why we need to know more about iron colloids •
A tour of RRS *Sir David Attenborough* • Covid-19 and
CO₂ emissions • Gaining experience through CLASS •
Predicting the 2020 iceberg season off Newfoundland**

Vol. 24, No. 2

Special Interest Groups

Stephanie Allen

- SIG meetings in 2020:
 - Ocean Modelling Meeting
 - Others held off meetings to coincide with the (postponed) 2021 Biennial Meeting



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Challenger Society for Marine Science

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[Education and Outreach](#) [SCOR](#) [Blog](#) [ECR Network](#)

Special Interest Groups

[Deep-Sea Ecosystems](#)
[History of Marine Science](#)
[- History of Marine Science *new*](#)
[Ocean Wind Waves](#)
[Coastal and Shelf Seas](#)
[Sea Level](#)
[Sea Ice](#)
[Advances in Marine Biogeochemistry](#)
[Ocean Modelling](#)
[Marine Science and Policy](#)
[Marine Science Data Management](#)

Special Interest Groups


Deep-Sea Ecosystems



The Deep-Sea Ecosystems SIG aims to bring together UK researchers working on deep-sea ecosystems to facilitate coordination of research efforts.

Latest News

Ocean Business 2021



It's here!! At last a live event....

Discover innovations at the forefront of ground-breaking ocean technology. A free event for everyone in the ocean science and technology community.

[Read More](#)



Travel Awards

Sophie Wilmes

- Awards postponed for April and July rounds due to Covid travel restrictions
- January: 9 applications – 3 funded
- October: 3 applications – 3 funded
- Total spend: approx. £3000 (one travel award still outstanding as conference was postponed)
- Funded activities:
 - IUCN World Conservation Congress
 - Ocean Sciences (x2)
 - SWINGS Southern Ocean cruise
 - Marine soundscape field work
 - SOLAS Summer School 2021



Stepping Stones Bursaries

Sophie Wilmes

- Award put on hold April to October
- No applications in 2020
- Activities from two recipients in 2019 still ongoing (due to Covid)
- In order to make the bursary more attractive, scope of the bursary was re-written and the eligibility criteria extended from 3 months before contract end to 6 months



The screenshot shows the website of the Challenger Society for Marine Science. The header is dark blue with white text for the society's name and a navigation menu. The main content area is white and features the title 'Challenger Society for Marine Science' and 'The Stepping Stone Early Career Bursary Scheme'. A paragraph describes the scheme's purpose: to support career development of UK marine science community members without indefinite employment, providing up to £1000 per grant for activities enhancing career prospects, but not direct salary support.

Challenger Society for Marine Science

Home News Events Special Interest Groups Membership Publications The Society Awards

Education and Outreach SCOR Blog ECR Network

Challenger Society for Marine Science

The Stepping Stone Early Career Bursary Scheme

The Stepping Stones Early Career Bursary scheme is designed to support career development of members of the UK marine science community who do not have current indefinite employment. The scheme can provide modest amounts of support (up to £1000 per grant) for activities designed to enhance the career prospects for researchers, but not to provide direct salary support.

Outreach and Education

Judith Wolf

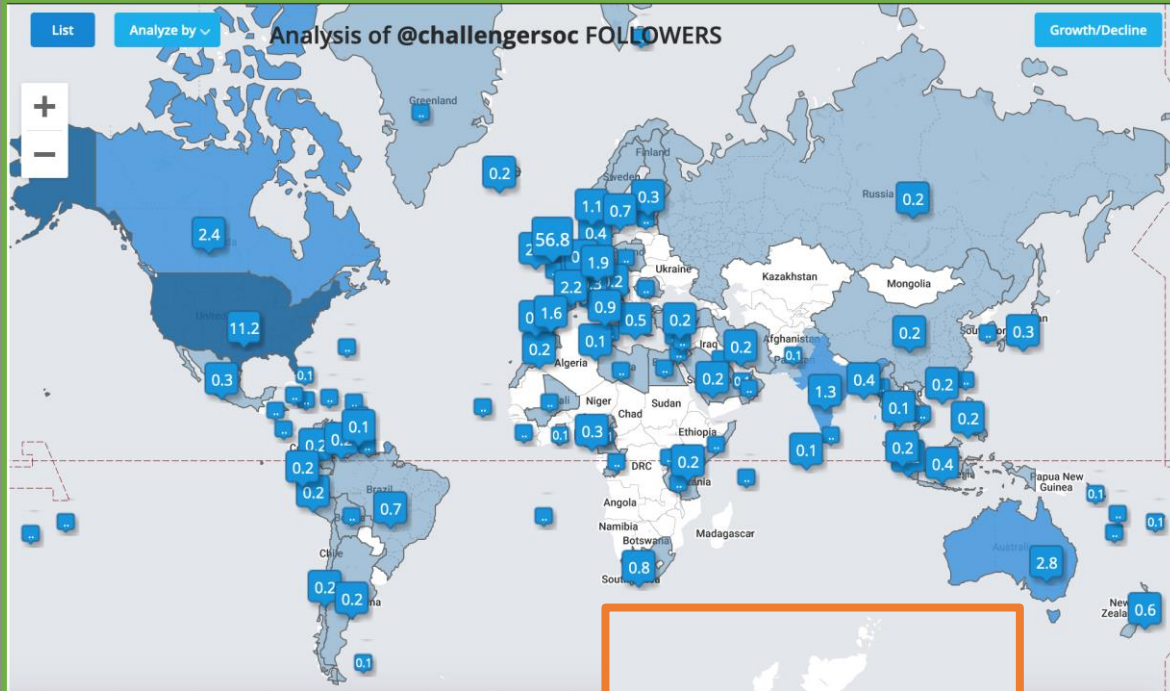
- Getting some new merchandise for the Challenger Society – look out on the web page for news of this!
- We are also particularly interested in promoting EDI within marine science
- We continue to be involved in discussions around planning events for the celebration of the 150th anniversary of the **Challenger Expedition**, which departed from England in December 1872 and returned in May 1876. On its 68,890 nautical mile journey, circumnavigating the globe, 492 deep sea soundings, 133 bottom dredges, 151 open water trawls and 263 serial water temperature observations were taken from the HMS Challenger. About 4,700 new species of marine life were discovered. We are still discovering things about climate change from their results
- We are now within the **United Nations Decade of Ocean Science for Sustainable Development** (2021-2030), see <https://en.unesco.org/ocean-decade> for details of the exciting science
- If you are keen to get involved in Outreach and Education with the Challenger Society, please do let us know!

https://www.challenger-society.org.uk/Education_and_Outreach

Communications and Social Media

Katie St John Glew and Anna McGregor

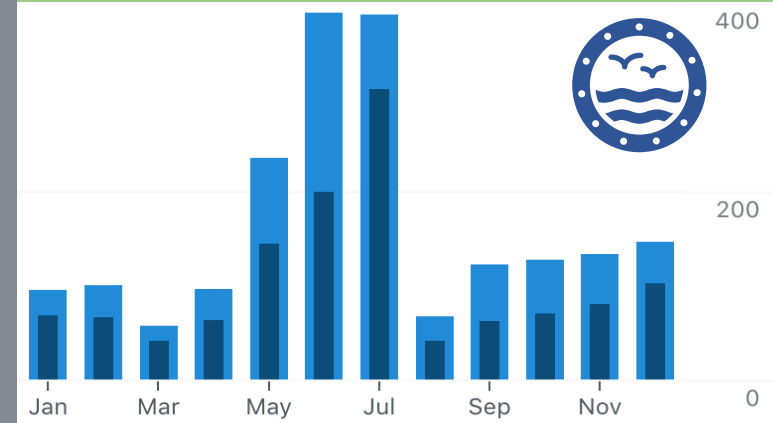
Twitter (@challengersoc)



Please contribute!!
anna.mcgregor@glasgow.ac.uk

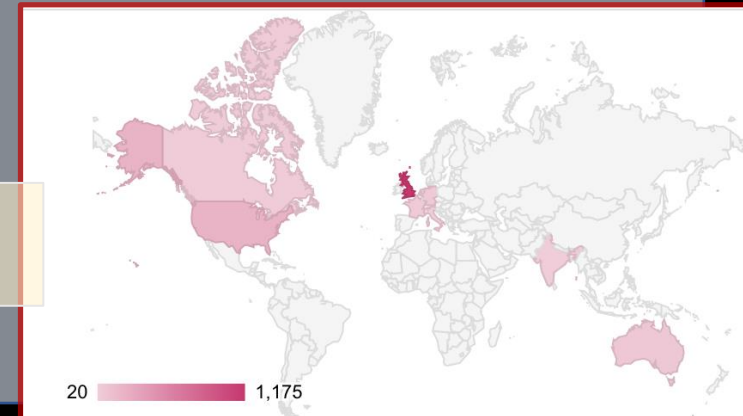
Captain's Blog

<https://challengercaptainsblog.wordpress.com/>



Titles:

- Trace metal team and their role in Custard, *Plymouth Uni*
- Women in STEM, *Climate Linked Atlantic Sector Science*
- Guts and Glory: why I'm rummaging around in shark stomachs
- Finding a new kind of science: Academic to the Civil Service, *Stephanie Allen*
- Diversity in Marine Science – a personal perspective, *Judith Wolf*
- To move abroad or to not move, that is the question *Emma Cavan*
- Automating Plankton aboard the Endeavour, *James Scott*



Industry Liaison and Technology

Terry Sloane

- Liaison with industry to provide access to news, research opportunities, commercial opportunities and employment opportunities from within the ocean business community
- Liaison with MSTG (Marine Science & Technology Group) trade association, The Society for Underwater Technology & IMarEST to provide a conduit for government organisations and policy makers from a lobbying, economic and business perspective and with the international oceanographic, hydrographic and meteorological instrument manufacturers and suppliers **www.maritimeindustries.org** **www.imarest.org** **www.SUT.org**
- To strengthen the relationship between the organisations to provide a coherent business and science contact point to government and the media as well as early career members .
- To provide the council and membership with information on developing technologies, “horizon scanning” sponsorship opportunities, industry support for research bids and technology search capabilities and to respond to requests for technical information
- To provide industry with a view of the future requirements of the marine science community and to brief instrument manufacturers
- To facilitate introductions between membership with respect to joint venture and licensing opportunities
- To raise sponsorship in support of our conferences and events,
- To facilitate space at UK based exhibitions and reciprocal marketing activities

Early Career and Diversity in Marine Science

Lidia Carracedo and Siddhi Joshi

- The 'Chris Daniels Early Career Grant'
 - £1000 for ECR events or workshops.
 - The grant announcement was delayed (took place early 2021)
- Other opportunities for funding
 - 'Stepping Stones Early Career Bursary scheme' (£1000 per grant) for ECR activities enhancing career prospects
 - ECR Challenger Fellowships (bursary of up to £1000), to recognise ECR's
- An updated and more interactive ECR & Diversity web site is being designed and developed, with new ECR resources, partnerships, events and opportunities.

https://www.challenger-society.org.uk/Grants_and_Awards199

SCOR

Al Tagliabue



- UK continues to play a key role in SCOR
- 121 participants from 34 countries attended 2020 AGM
 - SCOR constitution revised
 - Two new vice-presidents (Stefano Aliani (Italy) and Bradley Moran (USA)) and Charlotte Laufkoetter (Switzerland) as early career rep
 - Colombia joined as a new SCOR member
- Three new SCOR working groups approved
 - Analysing ocean turbulence observations to quantify mixing (ATOMIX), co-chaired by Cynthia Bluteau (Canada), Ilker Fer (Norway), and **Yueng-Djern Lenn (UK)**
 - Respiration in the Mesopelagic Ocean (ReMO): Reconciling ecological, biogeochemical and model estimates, co-chaired by **Carol Robinson (UK)**, Iris Kriest (Germany), and Javier Arístegui (Spain)
 - Developing an Observing Air-Sea Interactions Strategy (OASIS), co-chaired by Meghan Cronin (USA) and Sebastiaan Swart (Sweden)
- Capacity development continued, with five visiting scholars sponsored in 2019, and six approved for 2020.
 - Travel postponed indefinitely due to COVID-19
- Ongoing links with SCAR via co sponsorship of the Southern Ocean Observing System

- Challenger Society covers 51% of SCOR subscriptions and council is the UK SCOR committee
 - A. Tagliabue chairs and also participates in Royal Society Global Environment Research Committee (GERC)
 - Kerry Howell and Ros Rickaby the other nominated SCOR members
 - Partnership with the Royal Society is working well
- UK SCOR review of Working Group applications completed, new groups decided at 2021 SCOR AGM in Oct

The background features a series of concentric circles in shades of dark blue and teal, centered on a black background. A wavy, horizontal line in a similar teal color cuts across the lower right portion of the circles.

5. Treasurer's report and accounts Ed Mawji

2020 Accounts

As of 2019 the CSMS hosts the finances of the UKPN all numbers presented do not include the UKPN restricted funds.

- The Society's total income for 2020 was £20,880 a decrease on 2019 (£25,095).
- Total expenditure during 2020 was £23,121 a decrease from 2019 (£ 31,849).

UKPN funds removed from table for 2019 and 2020										
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Administration and website	1409	1680	1450	1975	4641	659	2849	792	1207	1633
Publicity	0	577	327	0	300	0	324	384	87	
Ocean Challenge	5887	5656	3029	3569	3644	2165	3811	6298	5679	3500
Awards and prizes	2943	2820	4250	9041	4540	11784	7996	11957	9166	2500
Accountants	2400	2340	2400	1323	1164	960	1375	1563	1308	1308
Council and SCOR travel	2241	2010	2714	2732	1148	2333	2195	4243	2448	342
SIGs	531	1156	2053	2291	1716	1152	400	497	680	1000
Local networking	10787		9872	0	0	0	0	0	0	
Subscriptions	2937	4612	6578	7896	8681	9290	11095	10726	11231	12806
Equipment dep	436	326	245	184	138	103	78		0	
Sundry	34	31	33	0	0	0	1850	2466	43	32
UKPN										
<u>Total Exp</u>	29984	21642	36383	33659	29493	31909	31973	38926	31849	23121
Subscriptions + gift aid	12362	15256	10656	7626	7661	11501	13829	18226	11833	12113
Grants	4000	4000	4000	5650	3000	9000	10534	7000	5000	7000
Sponsorship CW	500	0	500	1350	1185	0	0	0	0	0
Profits conference	10700	0	18973	0	20961	0	15841	0	6503.4	0
Interest from investments	1508	1520	1821	1578	1137	1533	1651	1725	1759	1767
<u>Total Inc</u>	41980	20776	37189	16435	33944	22034	41855	26951	25095.4	20880
Operating profit	11996	-866	806	-17224	4451	-9875	9882	-11975	-6753.6	-2241
Investment holding	32090	35072	39280	41130	41640	45627	49734	48363	57,020	60683
Total Funds carried	112286	114402	119416	104042	109003	103115	117104	103758	105485	104907

Questions on 2020 accounts ?

Proposer: Nick Owens

Seconder: Terry Sloane

Reserves policy

The Society's reserves policy has been prepared through consultation with the Charities Commission guidance on reserves policies for small charities and has previously been agreed by council.

- 1) **£15k** would be placed in reserve to cover unforeseen emergencies
- 2) **£30k** (3 x £10k) would be placed in reserve to offset any potential future uncertainties in income (effectively the difference between annual subscriptions (£15k) and total income=expenditure ~£25k)
- 3) A contingency fund of **£20k** (equivalent to one year average annual expenditure over past decade) be held in reserve to meet unforeseen needs including unexpected opportunities which might arise for the society to further its objectives.

The reserved policy to be kept under review by council and presented for acceptance by the membership annually at the AGM

Reserves policy

In summary:

Council proposes a £65k reserve to be kept under annual review.


Current funds held, excluding UKPN, (31 December 2020) are
£104,907 k

Fixed assets (investment) £60,683

Current assets (Bank Accounts) £44,086

Proposer: Carol Robinson

Seconder: Anna Hickman

The background features a series of concentric circles in shades of dark blue and teal, centered around the text. A prominent, thick, wavy line in a similar color palette curves across the right side of the image, partially overlapping the circles.

6. Appointment of auditors for Independent Financial Review

Accountants

In the interests of maintaining complete transparency in all of our affairs, the Challenger Society Council elected to continue to engage the services of an external auditor to perform an Independent Financial Review of the Society's accounts each year.

We have retained the services of:

Argents Chartered Accountants
15 Palace Street
NORWICH
Norfolk
NR3 1RT

Proposer: Chelsey Baker

Seconder: Carol Robinson

The background features a series of concentric circles in shades of dark blue and teal, centered around the text. A wavy, organic line in a similar color palette cuts through the circles from the bottom right towards the center.

7. New and outgoing council members

Council Members Completing their Terms this year

Thanks to these members who are leaving council

- Stephanie Allen – SIGs
- Lidia Carracedo – ECR
- Katie StJohn Glew - Comms
- Rob Upstill Goddard – President (past)

Co-opted member leaving council:

- Nick Owens (SAMS) Chair of the 2020 organising committee

Election of New Council Members

Four new members to elect to Council:

- Cecilia Liszka – SIGs
- Siddhi Joshi – ECR
- Anna McGregor – Comms
- Mike Meredith – President (elect)

Special Interest Groups

Dr Cecilia Liszka

I obtained my undergraduate degree in Geography from Cambridge University in 2005, and then worked on climate change mitigation programmes and policy for a number of years.

I returned to academia in 2013, obtaining an MSc in Environmental Sciences from the University of East Anglia in 2014 and a PhD in Biological Oceanography in 2019 from UEA, whilst based at the British Antarctic Survey in Cambridge. During the PhD I investigated the role of zooplankton populations and communities in the active flux of carbon in the Southern Ocean, through processes such as diel vertical migration, faecal pellet production, and respiration, conducting fieldwork on two Southern Ocean cruises.

In 2018/9 I participated in a 3-person sailing expedition from Europe to Brazil via the Canary Islands and Cape Verde; this included getting a crash course in boat maintenance and repair along the way. Since 2019 I have been working as a zooplankton ecologist at the British Antarctic Survey, with projects including characterising the plankton and nekton community structure of the South Sandwich Islands and determining the environmental variables driving this structure; the response of the plankton community to the mega-berg A68; and modelling the distribution of krill around CCAMLR Area 48.



Proposer: Carol Robinson

Seconder: Chelsey Baker

Communications and social media

Dr Anna McGregor

After degrees at Wellesley College, St Andrews, Glasgow, and Duke, I am now a lecturer at the University of Glasgow. My postgraduate training was in marine mammal biology, and my research focuses on animal communication in aquatic and riparian habitats and the use of soundscapes to assess habitat quality. I have pedagogical interests in the applications of technology to enhancing the student learning experience through active learning and improving inclusivity through supporting student employability.

I am inspired by the constantly evolving field of new learning technologies and their potential to augment the traditional university experience while also reaching a wider and more diverse community of learners.



Proposer: Sophie Wilmes

Seconded: Rob Goddard

Early career

Dr Siddhi Joshi

I am a marine biogeoscientist and LLM qualified human rights specialist based in London, UK, with strong interest in marine conservation and environmental protection. My professional interests include marine sediment dynamics and benthic habitat mapping, in particular of maerl or rhodolith beds (coralline red algae).

After a PhD at Earth and Ocean Sciences in National University of Ireland, Galway, based in the Biogeosciences group. I recently completed a post doctoral research year in Geography in NUI Galway and my LLM in International Human Rights Law at Irish Centre for Human Rights.

2020 was spent in lockdown in London, where I am now based as an independent marine scientist and human rights specialist.



Proposer: Sophie Wilmes

Seconder: Amber Annette

President Elect

Prof Mike Meredith

I am a seagoing oceanographer focusing on physics, but I love collaborating with biogeochemists, biologists, and scientists from other disciplines. I lead the Polar Oceans team at BAS and I am professor at Bristol and UHI-SAMS. After degrees at Southampton, I did a postdoc and a stint as a NERC fellow at UEA before joining BAS in 2000 (with “sabbatical” at POL, 2002-2004).

I served as chair of the Southern Ocean Observing System between 2011-2015, currently sit on POGO, and I am the current UK representative for IAPSO. My Media work includes working with BBC on the production of “Frozen Planet II” and on a Netflix documentary called “Oceans” (both in production).

I was awarded the Tinker-Muse Prize for Science and Policy in Antarctica in 2018, the 2018 Challenger Medal, and the 2020 Polar medal



Proposer: Rob Goddard

Seconder: Terry Sloane

The background features a series of concentric circles in shades of dark blue and teal, centered on a black background. A wavy, light green line enters from the bottom right, curving upwards and to the left, partially overlapping the circles.

8. AOB

AOB

1. Next AGM: during the 2022 conference in London (hopefully)
2. Ocean Business
3. Questions to the Council?

<https://www.challenger-society.org.uk/>

5 weeks until the industry gathering of the year!

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