



# Welcome to the DSBS Annual General Meeting!



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# Welcome to the Annual General Meeting (AGM)

Chair: Adrian Glover, President of the Deep-Sea Biology Society

Minutes: Erin E. Easton, Secretary of the Deep-Sea Biology Society

1. Remarks and overview of activities for 2019-2020
2. Report on Finances and approval of official financial report by membership
3. Presentation of proposed Constitutional Amendments
4. Report on Student activities
5. Report on Early-Career activities
6. Report on Awards and Mentoring
7. Report on Communications
8. Report on Membership
9. Report on Conferences
10. Presentation of Award Certificates (Travel Awards, Dive Deeper Bursaries, Lounsbery, Paper of the Year)
11. Summary of expansion of Society-provided services
12. Discussion and Q&A for Members

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# Governance of the Society

In July 2017, the Society became a legal non-profit organisation that can:

- employ people and own property
- apply for grants
- receive tax-exempt donations



Governed by a board of 15 Trustees that includes the executive and non-office bearing roles

- 11 executive (office-bearing)
  - **Adrian Glover** - President, **Paris Stefanoudis** - Public Affairs & Comms, **Rachel Jeffreys** - Awards, **Moriaki Yasuhara** - Conferences, **Chris Yesson** - Treasurer, **Erin E. Easton** - Secretary, **Santiago Herrera** - Membership and Data Protection, **Ily Iglesia** - Student representative, **Andrea Quattrini** - \*Early-career, **Julia Sigwart** - \*Development
- \* New office bearing roles added since July 2017
- 4 non-office bearing
  - **Chong Chen, Malcolm Clark, Steve Haddock, Leigh Marsh**
- Trustees meet every 2 months

Annual General Meetings (AGMs) of the Society membership held once per year:

- Elections of new officers (every 3 years) / constitutional votes
- Treasurer's report and vote on approval of the Financial Report
- Award presentations and membership discussion



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# Finances

Treasurer: Chris Yesson



# Accounts for 2019

- Our 2019 formal charity accounts require approval
- 2019 funds have been boosted by
  - 2018 deep-sea biology symposium (received Jan 2019)
  - Modest profit from ISDSC7
- In 2019 we gave out >£25,000 in awards!

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Unrestricted funds	Restricted funds	Total funds	18 months ended 31 December 2018
to the nearest £	to the nearest £	to the nearest £	to the nearest £

## A1 Receipts

	Unrestricted funds	Restricted funds	Total funds	18 months ended 31 December 2018
Grants			-	9,005
Membership	16,514		16,514	12,442
Product sales	5,602		5,602	1,847
Events	50,046	26,456	76,502	-
Symposium	24,431	-	24,431	-

<b>Sub total</b>	<b>96,593</b>	<b>26,456</b>	<b>123,049</b>	<b>23,294</b>
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## A3 Payments

	Unrestricted funds	Restricted funds	Total funds	18 months ended 31 December 2018
Awards	1,500	23,841	25,341	22,789
Publications	-	500	500	1,000
General Admin	1,484	-	1,484	1,223
Promotional	-	-	-	2,267
Events	31,892	23,965	55,857	1,841
Bank charges	3,123	-	3,123	1,080

<b>Sub total</b>	<b>37,999</b>	<b>48,306</b>	<b>86,305</b>	<b>30,200</b>
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<b>Net of receipts</b>	<b>58,594</b>	<b>- 21,850</b>	<b>36,744</b>	<b>- 6,906</b>
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Cash last year end	11,912	21,850	33,762	40,668
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<b>Cash this year end</b>	<b>70,506</b>	<b>-</b>	<b>70,506</b>	<b>33,762</b>
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# Finances in 2020\*

- Covid lockdowns have reduced our expenditure this year (i.e. no CBE meeting travel awards, no AGM meeting costs)
- New sponsorship income from Gordon and Betty Moore Foundation for eDSBS (£5k) and the next CBE meeting (£10k)
- Membership income boosted by ~£5k by eDSBS

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Income*	YTD	Est
Memberships	£11,170	£15,000
GMBF	£15,000	£15,000
<b>Total</b>	<b>£16,170</b>	<b>£30,000</b>

Expenditure*	YTD	Est
Awards	£1,000	£5,000
Deep-Sea Life	£500	£1,000
Events	£1,500	£5,000
Administration	£1,100	£1,700
Bank charges		£1,000
<b>Total</b>	<b>£4,100</b>	<b>£13,700</b>

\* Up to July 2020



## **Vote on the approval of the financial account for the calendar year 2019**

Those in favour of the motion to approve the accounts  
vote 'aye' on zoom poll now

Those not in favour of the motion to approve the accounts  
vote 'nay' on zoom poll now



# Constitutional Amendments

Secretary: Erin Easton

# Proposed Code of Ethics and Professional Conduct

Purpose of this Code of Ethics and Professional Conduct:

- Provide guidance on the standards to which members should strive to adhere.
- Set forth enforceable rules/standards of unethical conduct (**mandatory standards**) that may result in termination of membership as indicated in the Constitution Clause 9 subclause 4.

Procedural Changes for members:

- Acknowledge receipt and acceptance of this Code upon joining and renewing membership.
- File a complaint or ask questions about the Code of Ethics and Professional Conduct by sending an email to [ethics@dsbsoc.org](mailto:ethics@dsbsoc.org).

Process used to create this Code:

- Reviewed and used as guide Codes from the following societies: American Sociological Association, Geological Society of America, and the Society for Conservation Biology.
- Developed draft on 2 July 2020, circulated draft among Trustees for review and editing.
- Voted to share with membership at the 22 July Trustees Meeting.
- Provided membership 4 days to submit input (none received).
- Approved and sent to membership on 6 August 2020 for a vote at this Annual General Meeting.



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## **Vote on the approval of the Code of Ethics and Professional Conduct**

Those in favour of the motion to approve the Code of Ethics and Professional Conduct  
vote 'aye' on zoom poll now

Those not in favour of the motion to approve the Code of Ethics and Professional Conduct  
vote 'nay' on zoom poll now

# Proposed Constitutional Amendments

Amendment 2020-1: Modification of Clause 9 subclause 4 (Termination of Membership) to add text relating to membership removal if they violate Code of Ethics and Professional Conduct

- Inserts “*(iv) a member violates the Code of Ethics and Professional Conduct, or*”
- Dependent on membership acceptance of Code of Ethics and Professional Conduct.

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## **Vote on the approval of the constitutional amendment 2020-1**

Those in favour of the motion to approve the proposed amendment  
vote 'aye' on zoom poll now

Those not in favour of the motion to approve the proposed amendment  
vote 'nay' on zoom poll now

# Proposed Constitutional Amendments

Amendment 2020-2: Modification to reduce past-president term from 3 years to 1 year via changes to Clause 12 subclause 2 and 3

- Modifies subclause 2 “(e) All Trustees shall be elected by the membership and shall each, *except the Past President*, hold office for a three (3)-year term.”
- Inserts into subclause 2 “(f) *The Past President shall hold office for a term of 1 year.*”
- Modifies subclause 3 “(a) President. .... The President shall accede to the role of Past-President upon expiration of his or her three (3)-year term for a following *one-year* term only, whereupon they will then leave the board of trustees.”

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## **Vote on the approval of the constitutional amendment 2020-2**

Those in favour of the motion to approve the proposed amendment  
vote 'aye' on zoom poll now

Those not in favour of the motion to approve the proposed amendment  
vote 'nay' on zoom poll now

# Proposed Constitutional Amendments

Amendment 2020-3: Addition of a Diversity Trustee in Clause 12 subclause 3

- Modifies “The trustees can include .... Development Officer, *and Diversity Officer*, alongside a maximum of 3 other trustees without designated roles.
- Inserts “(l) *Diversity Officer. The Diversity Officer shall oversee the efforts of the Society to promote and develop diversity and inclusivity initiatives of the Society and represent the interests of under-represented groups in the field of deep-sea biology.*”

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## **Vote on the approval of the constitutional amendment 2020-3**

Those in favour of the motion to approve the proposed amendment  
vote 'aye' on zoom poll now

Those not in favour of the motion to approve the proposed amendment  
vote 'nay' on zoom poll now

# Proposed Constitutional Amendments

Amendment 2020-4: Modification of text to clarify the maximum number of charity trustees in Clause 12 subclause 3

- Dependent on acceptance of Amendment 2020-3
- Inserts “*There must not be more than 15 charity trustees.*”
- Modifies “The trustees can include ...Development Officer, and Diversity Officer, *alongside other trustees without designated roles for a maximum of 15 charity trustees.*”
- Modifies “(m) Trustees without designated roles. *If all office-bearing charity trustees are filled, then there can be a maximum of 3 additional trustees without designated roles. If not all office-bearing roles are filled, then additional trustees without designated roles can be incorporated as long as the maximum of 15 charity trustees is not exceeded.*”

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## **Vote on the approval of the constitutional amendment 2020-4**

Those in favour of the motion to approve the proposed amendment  
vote 'aye' on zoom poll now

Those not in favour of the motion to approve the proposed amendment  
vote 'nay' on zoom poll now



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# Trustee Changes

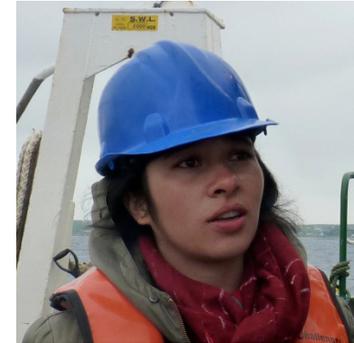
# Trustee Updates

## Student Officer

- Zoleka Filander resigned as Student Officer
- Ily Iglesias was appointed Student Officer in January 2020 (sole candidate after an open call for nominations).

## New Diversity Officer

- Raissa Hogan is appointed (sole candidate after an open call for nominations) upon acceptance of Amendment 2020-3 by the membership.
- Congratulations to Raissa Hogan!



## Conferences Officer

- Appointment based not on vote but is the Chair of the LOC for the subsequent Deep-Sea Biology Symposium – announcement coming shortly

## Past-President

- Craig McClain, who was pivotal in the development of this Society and the Society's first President, completed his three-year term in October 2019



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Students

Student Officer:  
Ily Iglesias

# Student affairs update (2020)

## Communication

- ~Monthly email updates

## Events

- Planned 2 student-focused events for eDSBS (19 August)- *panel discussions with current deep-sea scientists representing multiple international regions and career stages, as they shared valuable lessons learned and lessons they wish they had learned in grad school to prepare them for life post-graduation in deep-sea science*

## Profiling student research

- Polled student membership for renewed interest in profiles (google poll)
- Created standard list of interview questions to ask of each student profile
- Coordinated with communications officer to post completed profiles to website and twitter, with more forthcoming

## Increasing membership of under-represented countries

- Advocated for waiver for students from underrepresented groups + countries
- Future: would like to spotlight researchers in underrepresented countries for student profiles



Meet the next generation of deep-sea researchers

Twitter

Tweets by @DSBSoc



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# Early-Career

Early-Career Officer  
Andrea Quattrini

# Early-career (EC) update

## Webinar Series Continuation

- Academic Job Prep
  - With Lisa Levin, Shawn Arellano, Mackenzie Geiringer and Michelle Gaither
- NSF BIO OCE Proposal Submission
  - Seminar and Q&A with three NSF program managers

## eDSBS Webinar

- Global Research Cruise Opportunities, enhancing opportunities for EC researchers

## 2021 Plans

- More involvement in mentoring program
- Virtual Workshops
  - How to be an effective Chief Scientist on a Research Cruise
  - Ideas welcome!
- Create support groups for:
  - Academic Job Presentation Practice Group (Chalk talks, Research Presentations, Teaching Demos)
  - Proposal Feedback Group



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# Awards

Awards Officer: Rachel Jeffreys

# Awards Update (2019 - 2020)

## Lounsbery Workshop Award 2019: Deep-Sea Coral Taxonomy Workshop, Colombia



Research Ideas and Outcomes 6: e53181  
doi: [10.3897/rio.6.e53181](https://doi.org/10.3897/rio.6.e53181)



Workshop Report

## Deep-sea Coral Taxonomy Workshop, Colombia 2019

Luisa F Dueñas<sup>‡</sup>, Cristina Cedeño-Posso<sup>§</sup>, Juan Armando Sanchez<sup>||</sup>, Santiago Herrera<sup>¶</sup>

<sup>‡</sup> Departamento de Biología, Facultad de Ciencias, Universidad Nacional de Colombia - Sede Bogotá, Bogotá,

<sup>§</sup> Instituto de Investigaciones Marinas y Costeras – INVEMAR, Santa Marta, Colombia

<sup>||</sup> Laboratorio de Biología Molecular Marina – BIOMMAR, Bogotá, Colombia

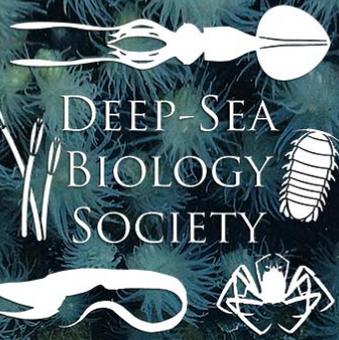
<sup>¶</sup> Biology Department, Lehigh University, Bethlehem, PA., United States of America

Corresponding author: Luisa F Dueñas ([luisadue@gmail.com](mailto:luisadue@gmail.com))

Reviewa

Received: 12 Apr 2020 | Published: 16 Apr 2020

Citation: Dueñas LF, Cedeño-Posso C, Sanchez JA, Herrera S (2020) Deep-sea Coral Taxonomy Workshop, Colombia 2019. Research Ideas and Outcomes 6: e53181. <https://doi.org/10.3897/rio.6.e53181>



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# Awards Update (2019 - 2020)

**Dive Deeper Award for 2019-2020: Dr Joan Alfaro-Lucas** from IFREMER will visit Centre for advanced studies of Blanes CEAB, Barcelona, Spain to characterise faunal samples from the Capelinhos edifice of the Lucky Strike HTV site.

**Congratulations to Dr Joan Alfaro-Lucas!**



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# Awards Update (2019 - 2020)

## Paper of the Year Award for 2019...

## Macheriotou et al 2020:

### PROCEEDINGS B

[royalsocietypublishing.org/journal/rspb](http://royalsocietypublishing.org/journal/rspb)

### Research



**Cite this article:** Macheriotou L, Rigaux A, Derycke S, Vanreusel A. 2020 Phylogenetic clustering and rarity imply risk of local species extinction in prospective deep-sea mining areas of the Clarion–Clipperton Fracture Zone. *Proc. R. Soc. B* **287**: 20192666. <http://dx.doi.org/10.1098/rspb.2019.2666>

Received: 15 November 2019

Accepted: 12 March 2020

## Phylogenetic clustering and rarity imply risk of local species extinction in prospective deep-sea mining areas of the Clarion–Clipperton Fracture Zone

Lara Macheriotou<sup>1</sup>, Annelien Rigaux<sup>1</sup>, Sofie Derycke<sup>1,2</sup> and Ann Vanreusel<sup>1</sup>

<sup>1</sup>Marine Biology Research Group, Department of Biology, Ghent University, Krijgslaan 281, Building S8, 9000 Ghent, Belgium

<sup>2</sup>Aquatic Environment and Quality, Institute for Agricultural and Fisheries Research (ILVO), Ankerstraat 1, 8400 Oostende, Belgium

LM, 0000-0002-5662-5689

An understanding of the forces controlling community structure in the deep sea is essential at a time when its pristineness is threatened by polymetallic nodule mining. Because abiotically defined communities are more sensitive to environmental change, we applied occurrence- and phylogeny-based metrics to determine the importance of biotic versus abiotic structuring processes in nematodes, the most abundant invertebrate taxon of the Clarion–Clipperton Fracture Zone (CCFZ), an area targeted for mining.



Congratulations to Lara and her colleagues!



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# Awards Update (2019 - 2020)

## Launch of the Deep-Sea Biology Society Cruise Bursary

- Support student and early-career deep-sea biologists to participate in research cruises.
- Bursaries are awarded for travel, subsistence and associated shipping costs required to join a research cruise up to a total of £2000
- Open to graduate (Masters and PhD) students and postdoctoral scientists
- No deadline – see website for terms and conditions



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# Communications

Officer: Paris Stefanoudis

# Communications



Strong social media growth: 19% increase of Twitter followers over last 12 months (~4482 > ~5,576 followers).

Twitter: @DSBSoc

Public Slack Team, open to everyone:

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# Communications

Continuous additions to the website (dsbsoc.org)

- Articles from co-produced *Deep-Sea Life* featured as individual posts on the website
- Meet the next generation of deep-sea researchers (students and early-career researchers)
- Life After Ph.D. series
- Travel award reports (Previous Awardees)
- Plans to write a comprehensive history of the Society and past Symposia





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# Membership





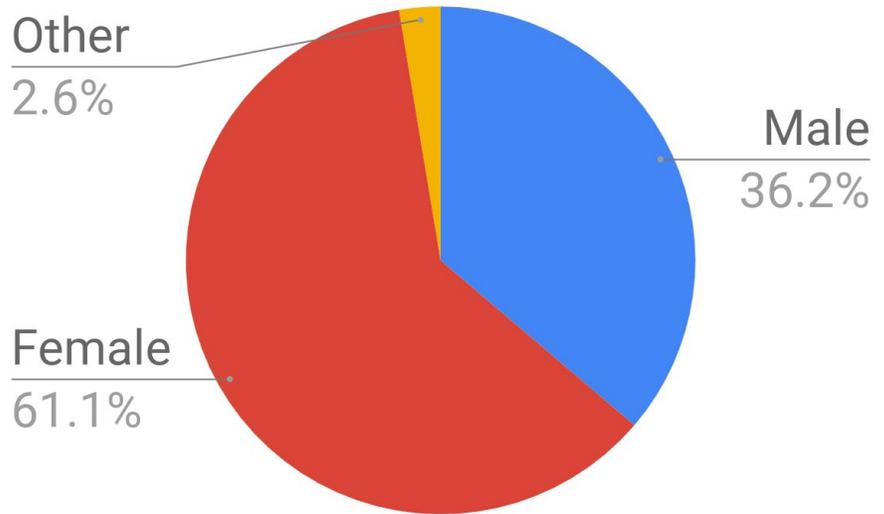
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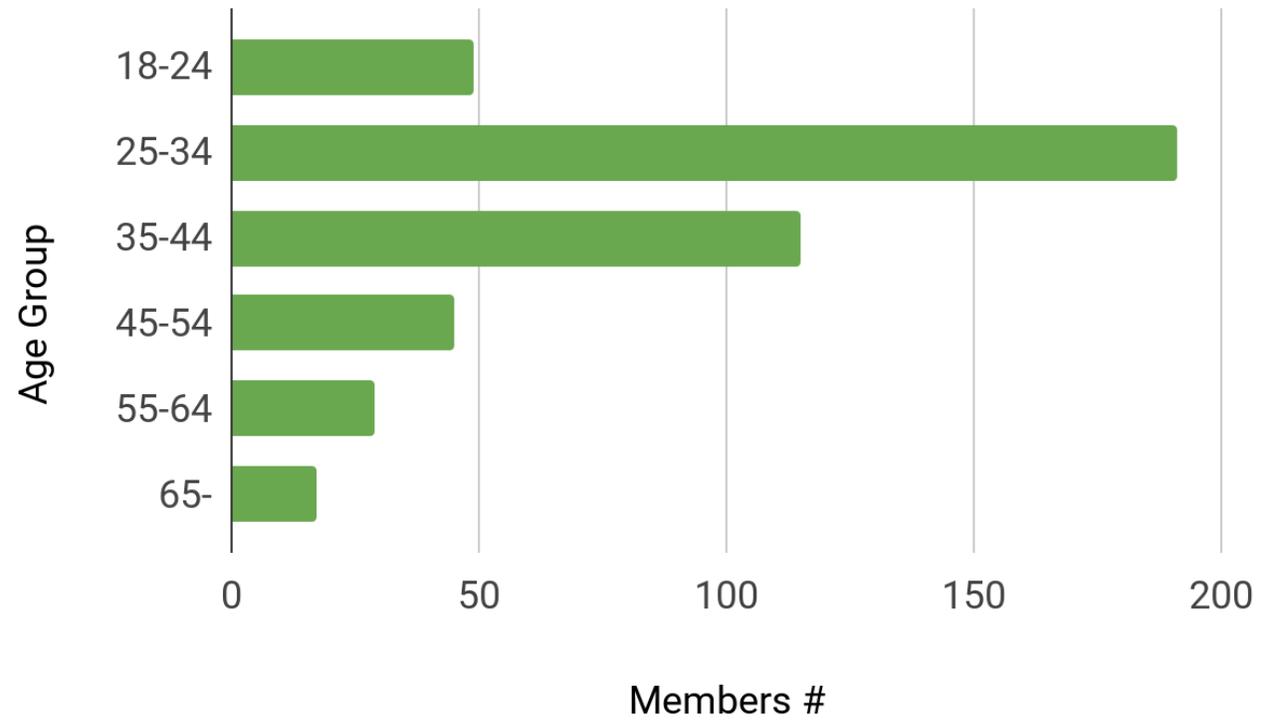
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# Membership



● 41% Students





# Conferences

Update on the 16<sup>th</sup> Deep-Sea  
Biology Symposium

## *Scientific topics*



*The sea and the oceans are in its DNA, Brest has a leading position in European deep-sea science and technology*

The deep sea: A treasure of **resources** and the last frontier on Earth for **biomimicry**.

Urgent need of *rapid technological developments* to **access, investigate, understand** and **protect** the deep sea.

For the 16<sup>th</sup> DSBS we propose:

- Student Workshop on “**Artificial Intelligence and new technologies** to describe **deep-sea biodiversity**”
- Round Table with scientists, stakeholders and companies about **deep-sea biomimicry**

## Logistics

**Venue:** Two possible locations (both in the heart of the city):

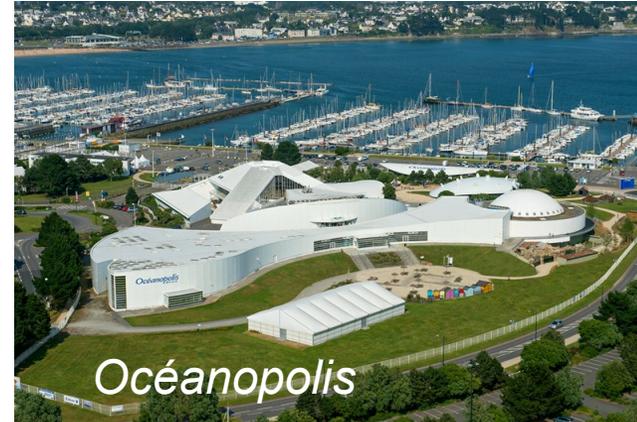
- the aquarium *Océanopolis*
- the cultural center *Les Ateliers des Capucins*

Physical and virtual Conference both assured

**Timing:** mid-September/mid-October 2021

### Social activities:

- Wine&Cheese Poster Session,
- Social Dinner immersed in the magic underworld of Océanopolis,
- Outreach Events
  - Photo Exhibition
  - Theater performance
- Excursions
  - Oyster farm tour,
  - Grey Seal snorkeling safari,
  - Schooner Le Recouvrance sailing tour,
  - Walking safari in remote Brittany islands
- Childcare,
- Yoga-Breaks,
- ...And another year to find news ideas to make the next DSBS unforgettable!





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# Expansion of Society-provided services

# New activities and works in progress

Development of a low-cost online conference for 300+ delegates

This cannot be completely free in the future, but should remain low cost

Developing the new Code of Conduct and Diversity Officer roles

Work in progress is a Diversity Committee and actions

Development of mentoring network

- Pilot program in 2018
- Initiation of program during Summer and Fall of 2019

Development of new awards

- Cruise-of-opportunity bursary (to open soon)
- Award to support the new Diversity Committee (yet to be formalized)\_

Supporting, and now running Symposia

- ISDSC7 was our first endeavor – successful, and generated revenue to give back to membership
- eDSBS
- Supporting 16DSBS changes, including online access to everything!

Tech things: New email domains and comms systems using dsbsoc.org



# What the Society needs from the membership

Patience – Remember the Trustees are volunteers

Constructive comments and suggestions for expanding and improving Society-provided services

Established researchers willing to serve as mentors

Support by maintaining an active member status. Remember membership fees are the one steady income source to support Society-provided services.

Most importantly, we need you to consider becoming Trustees in 2021 – all positions will be up for renewal.

If you feel strongly about any of the things the Society does, this is your chance to act on them.





# Discussion and Q&A

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# Potential discussion topics

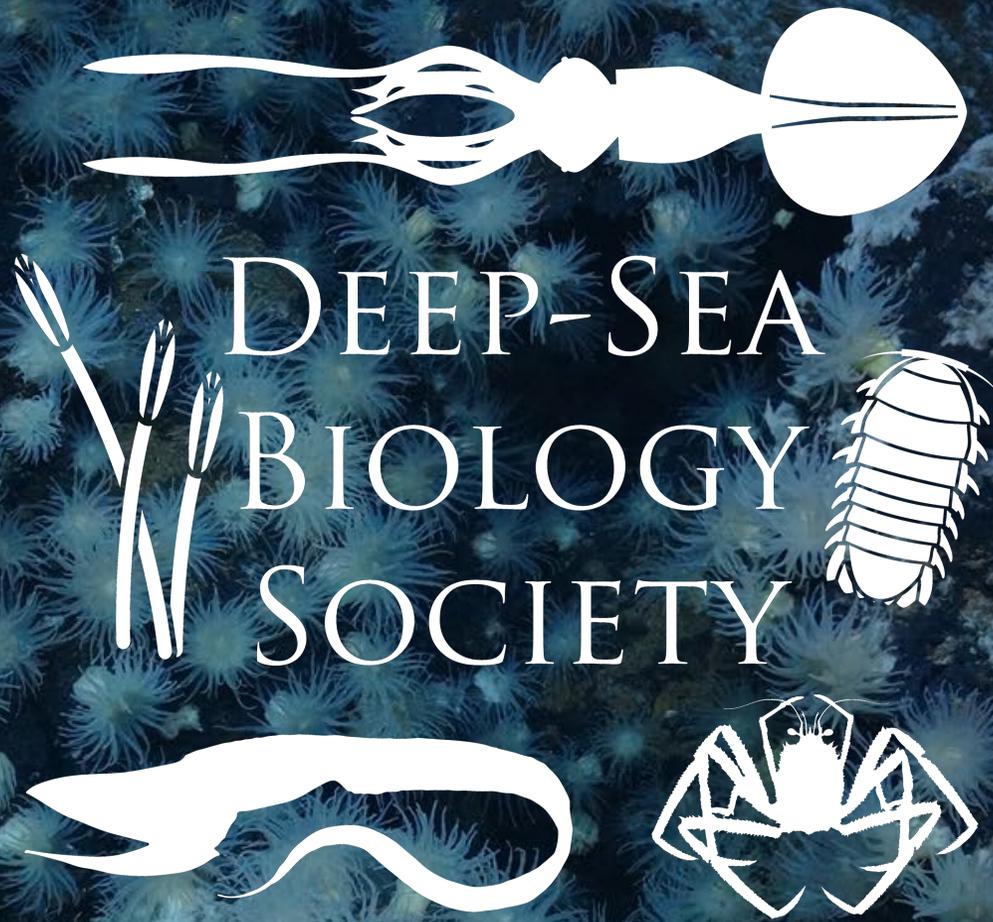
- Symposium planning and format including online participation
- Development of the Society
- Other questions and ideas from the Members



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