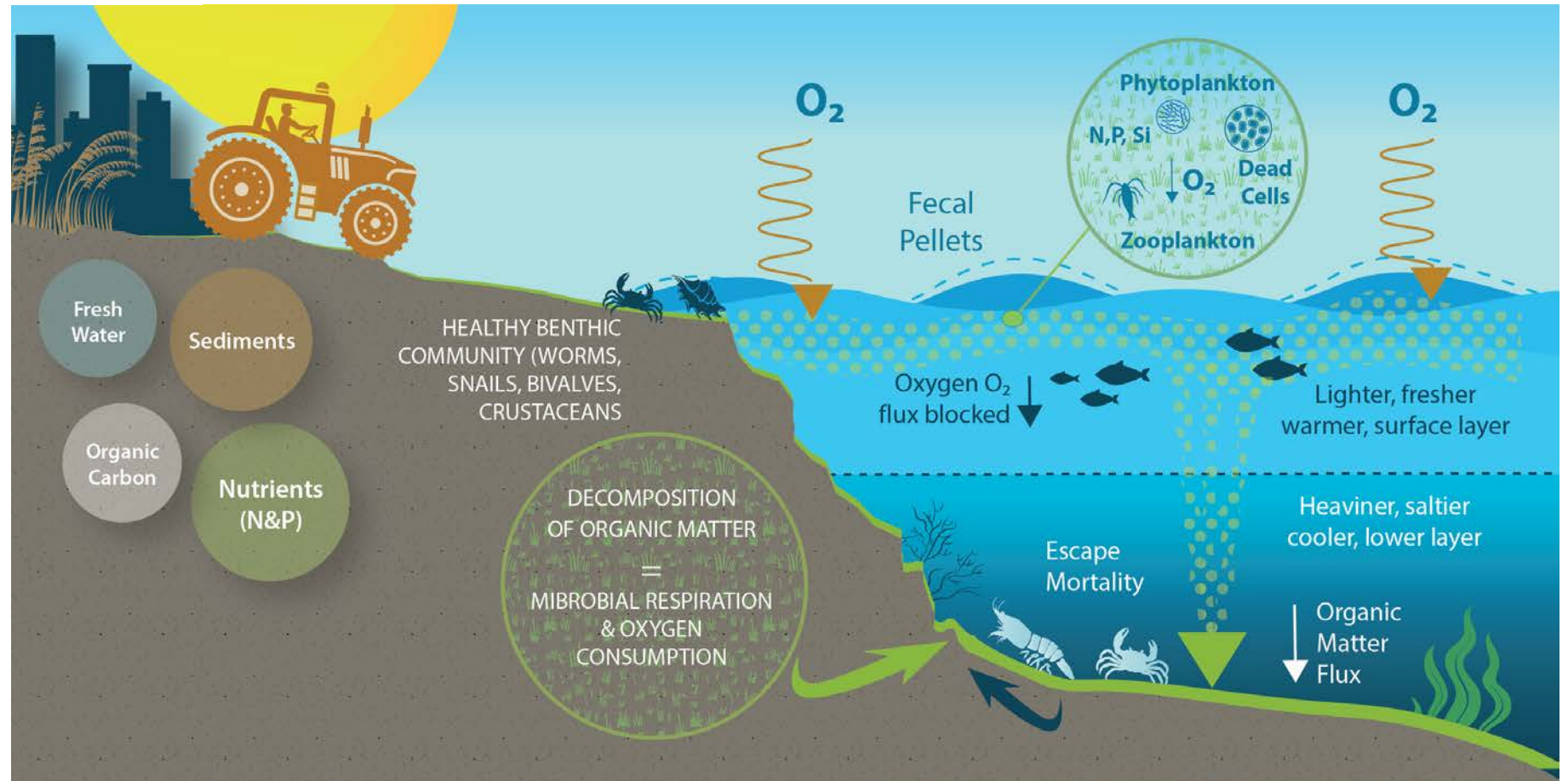


GO₂NE 2018

1-2 September 2018, Kiel, Germany

Global Ocean Oxygen NETWORK



SFB 754 | Ocean Deoxygenation:
Drivers and Consequences
· Past · Present · Future ·

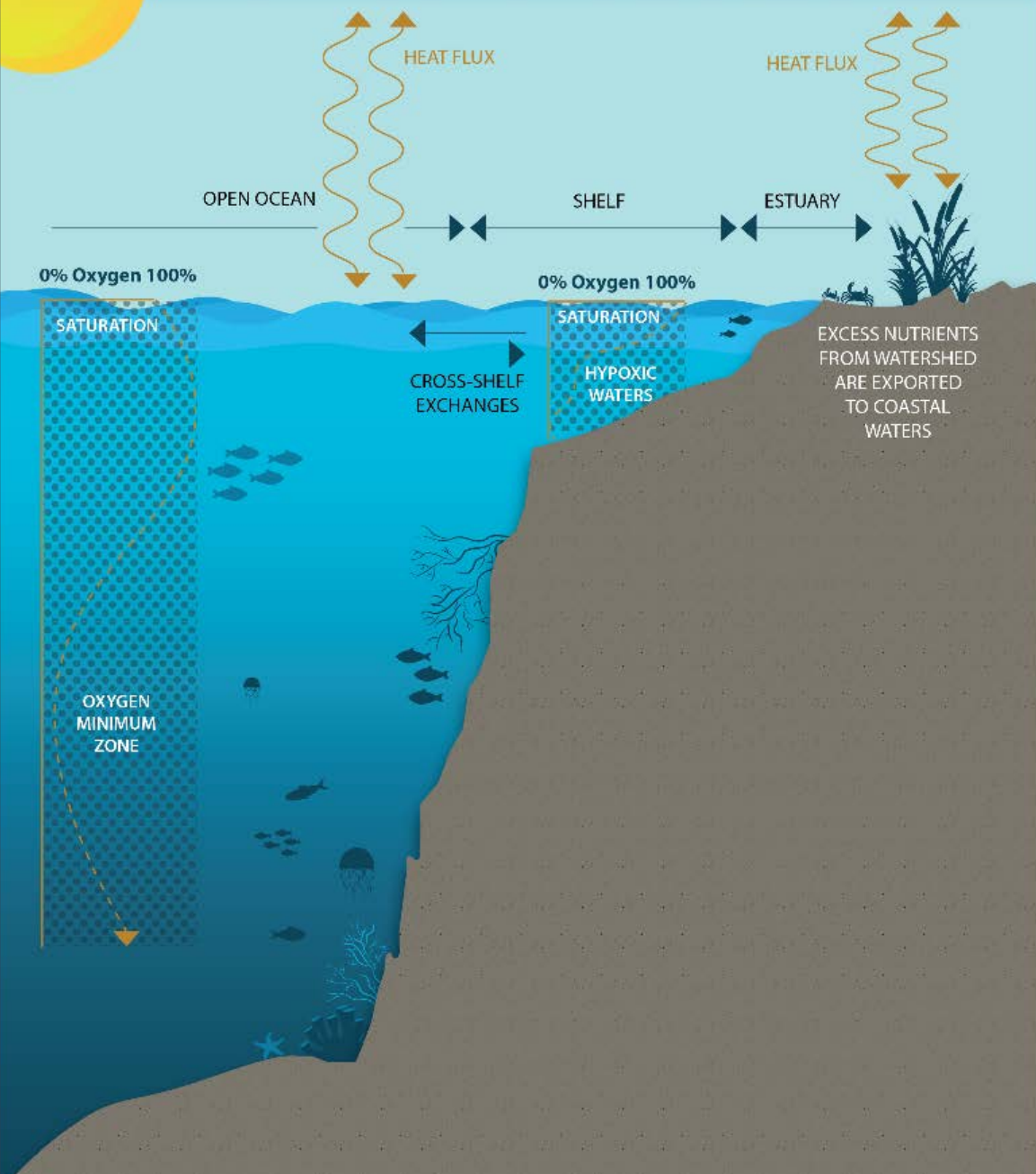


United Nations
Educational, Scientific and
Cultural Organization



Intergovernmental
Oceanographic
Commission

WARMING FROM MORE ABUNDANT GREENHOUSE GASES IN THE ATMOSPHERE



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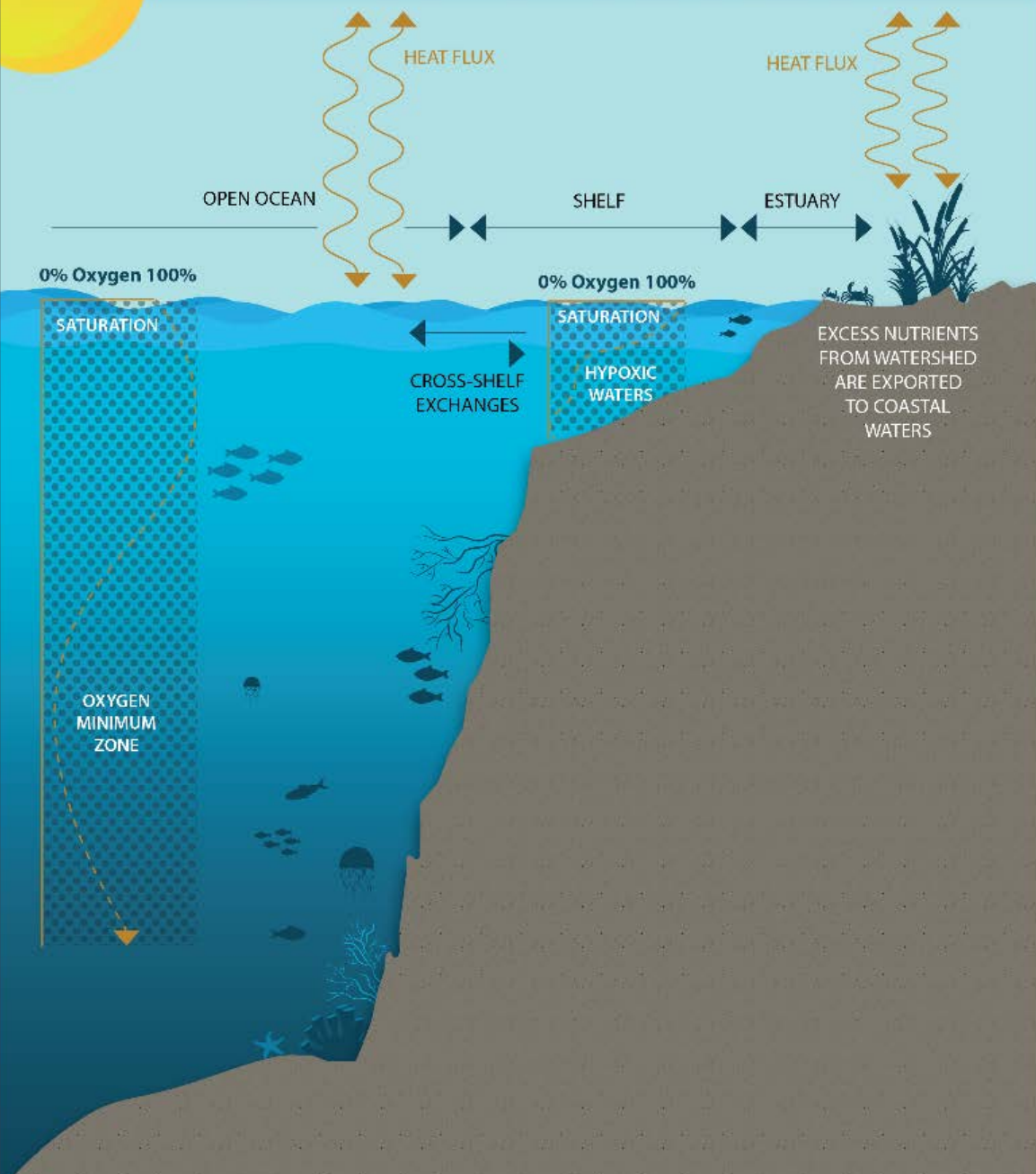
Global Ocean Oxygen NETWORK



List of participants:

- Denise Breitburg (Smithsonian Environmental Research Center, USA)
 - Marilaure Grégoire (University of Liège, Belgium)
 - Kirsten Isensee (IOC-UNESCO)
 - Francisco Chavez (MBARI, USA)
 - Daniel Conley (Lund University, Sweden)
 - Minhan Dai (University Xiamen, China)
 - Henrik Enevoldsen (IOC-UNESCO)
 - Hernan Garcia (NOAA, USA)
 - Veronique Garçon (CNRS- Laboratoire d'Etudes en Géophysique et Océanographie Spatiales, France)
 - Dimitri Gutierrez (Instituto del Mar del Peru, Peru)
 - Gil Jacinto (University of the Philippines Diliman, Philippines)
 - Lisa Levin (SCRIPPS University, USA)
 - Karin Limburg (SUNY College of Environmental Science and Forestry, USA)
 - Ivonne Montes (Instituto Geofísico del Perú, Peru),
 - Wajih Naqvi (National Institute of Oceanography, India)
 - Andreas Oschlies (GEOMAR, Germany)
 - Grant Pitcher (Department of Agriculture, Fisheries and Forestry, South Africa)
 - Nancy Rabalais (Louisiana State University, Louisiana Universities Marine Consortium, USA)
 - Mike Roman (University of Maryland, USA)
 - Kenny Rose (Louisiana State University, USA)
 - Brad Seibel (University of South Florida, USA)
 - Maciej Telszewski (IOCCP)
 - Moriaki Yasuhara (The University of Hong Kong, China)
 - Kedong Yin (School of Marine Sciences, Sun Yat-Sen (Zhongshan) University)
 - Jing Zhang (East China Normal University, State Key Laboratory for Estuarine and Coastal Research, China)
- Not attending:*
- Denis Gilbert (Fisheries and Oceans Canada, Canada)
 - Damodar M Shenoy (National Institute Of Oceanography, India)

WARMING FROM MORE ABUNDANT GREENHOUSE GASES IN THE ATMOSPHERE



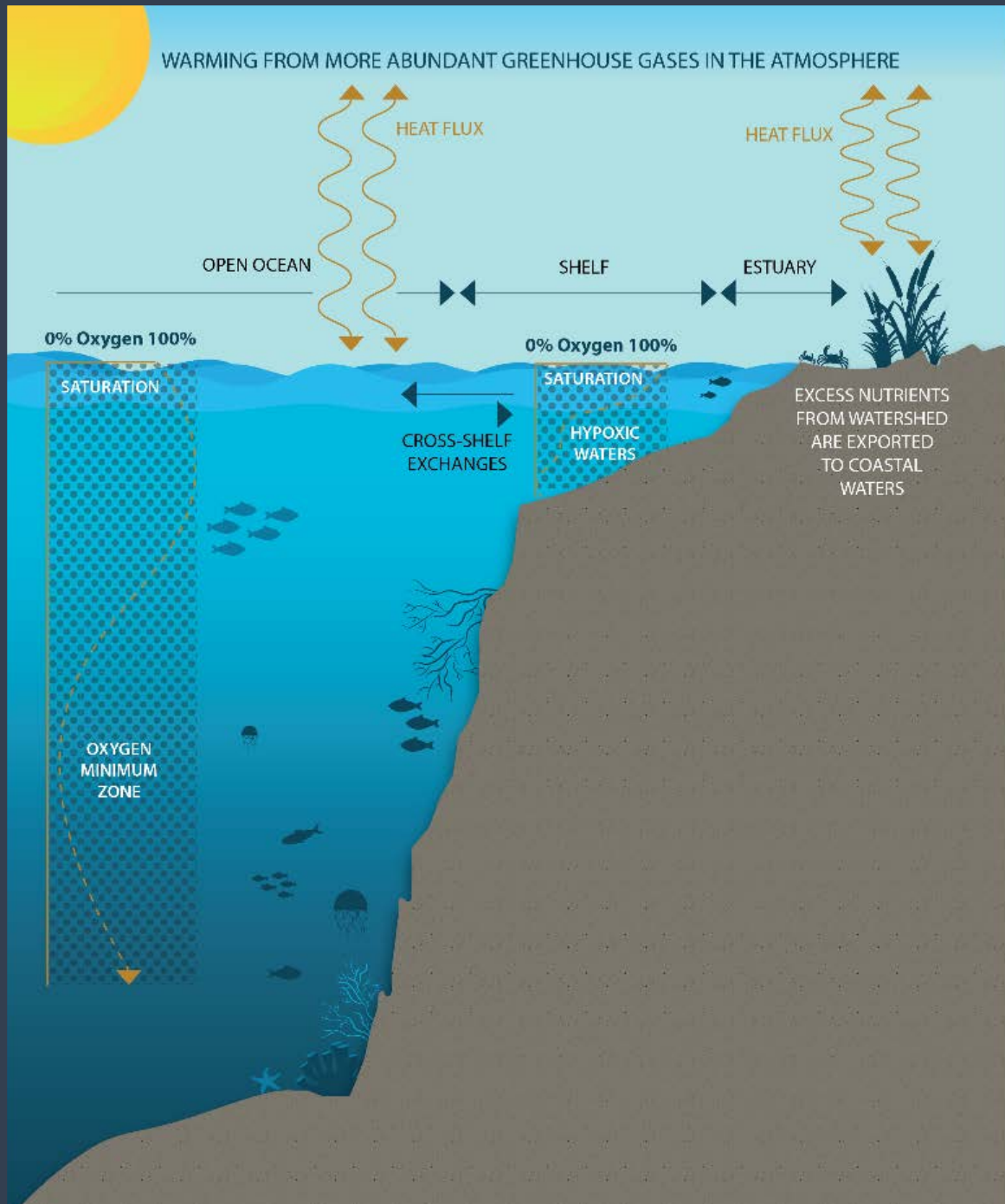
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Global Ocean Oxygen Network



Saturday 1 September 2018

- 9:00 Welcome
- 9:15 Brief Tour de Table
- 1. Progress 2017-2018**
- 9:45 2017-2018 achievements and progress -
Marilaure Gregoire, Denise Breitburg
- 11:00 *Coffee Break*
- 2. Publications – including scientific (review) articles**
- 11:45 Ecosystem – Grant Pitcher
- 13:00 *Lunch*
- 14:00 “Oxygen tolerance of marine organisms:
biological consequences of ocean deoxygenation”
- Brad Seibel



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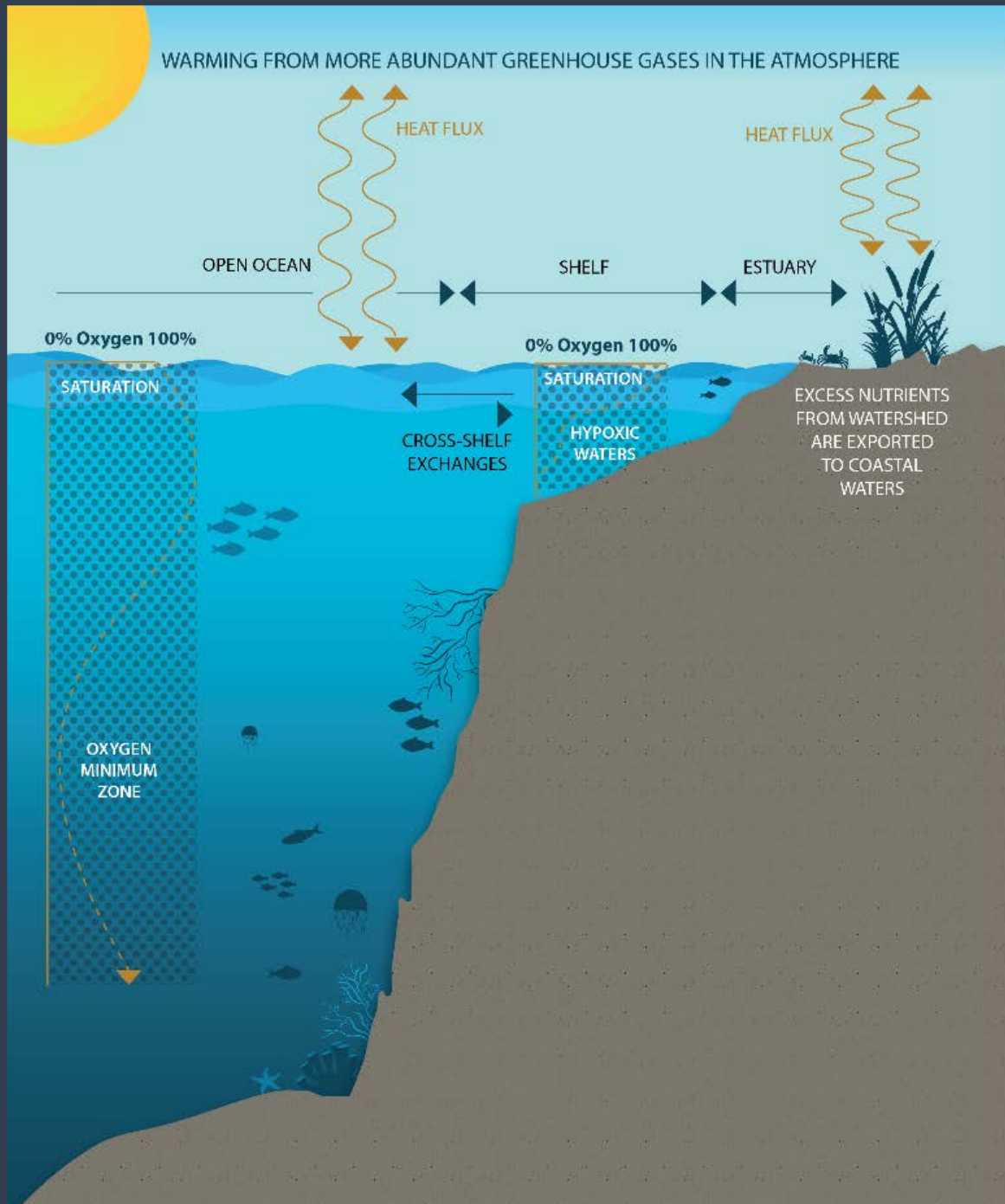
Global Ocean Oxygen Network



Saturday 1 September 2018

3. Products and related communication tools

- 15:00 Dissemination of products (e.g. technical brief), utilization of the news stream, new products?
- 15:20 Ocean Obs'19 – Maciej Telszewski
- 15:50 *Coffee Break*
- 16:10 UN Decade of Ocean Science for Sustainable Development – Kirsten Isensee
- 16:40 Potential GO₂NE contribution to the BBNJ Biodiversity treaty negotiations, World Ocean Assessment, IPBES – Lisa Levin



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Global Ocean Oxygen Network



Saturday 1 September 2018

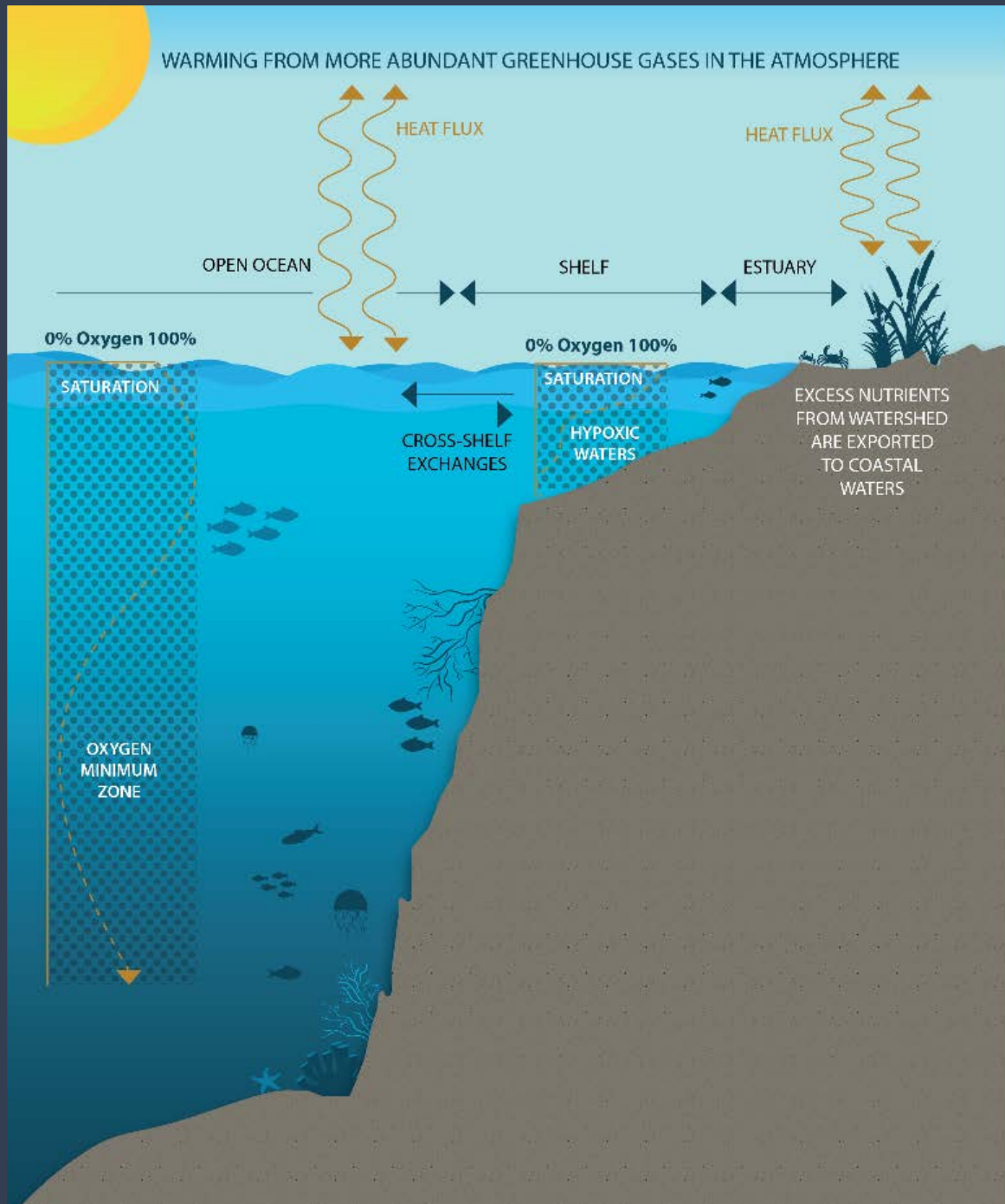
4. Collaboration with other groups

- 17:00 GlobalHAB/IOC Harmful Algal Blooms Programme – Grant Pitcher & Henrik Enevoldsen
- 17:45 VOICE – Veronique Garcon/ Maciej Telszewski
- 18:10 SCOR Working Group 155 - Eastern Boundary Upwelling Systems (EBUS): Diversity, Coupled Dynamics and Sensitivity to Climate Change – Ivonne Montes

Closing 18.30 latest

Social activity: GO₂NE dinner (at your own expense)

Change of location – Laengengrad (more info during lunch break)



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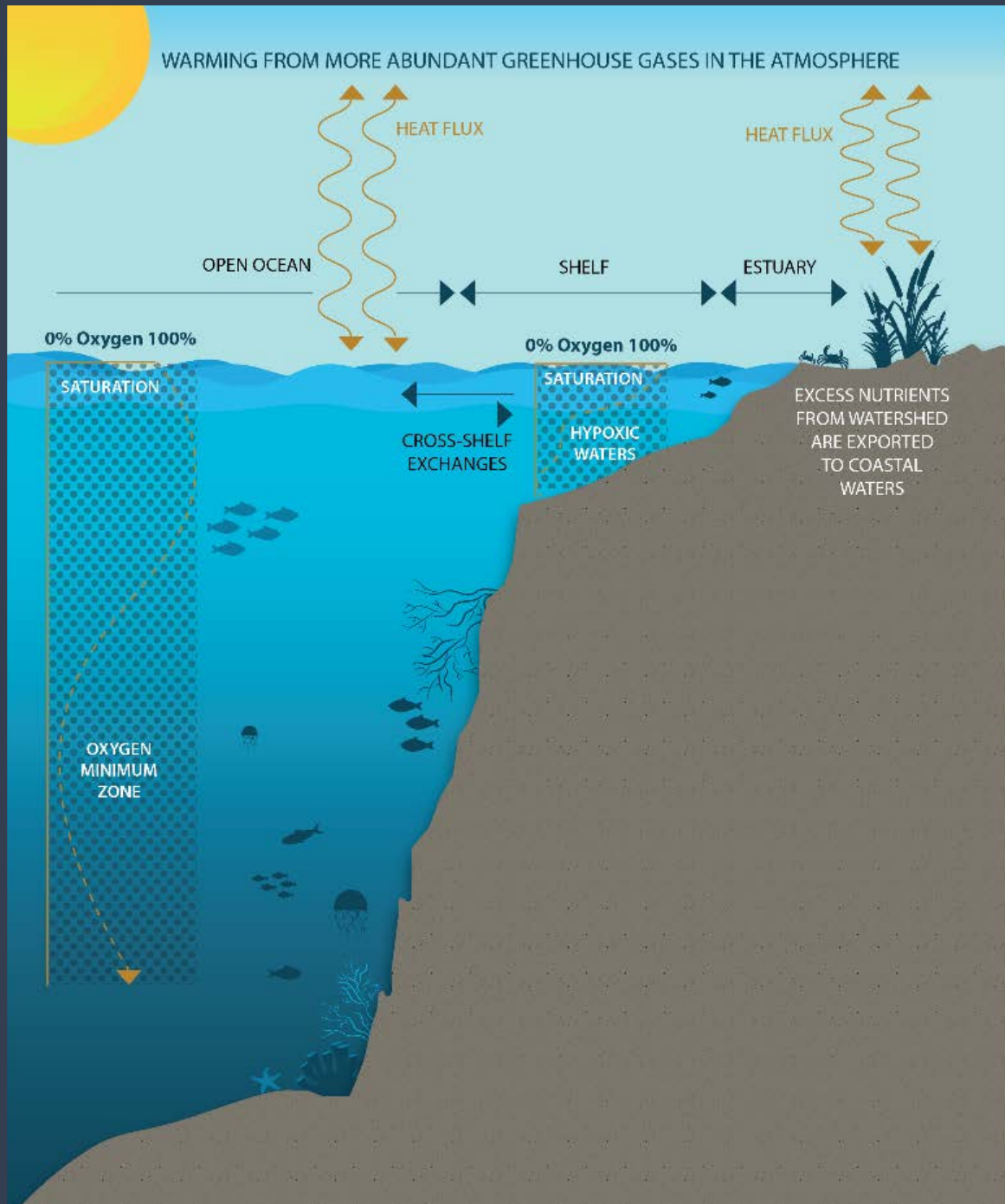
Global Ocean Oxygen Network



Sunday 2 September 2018

5. GO₂NE related activities

- 09:00 Update on WESTPAC O₂NE activities – Gil Jacinto
- 09:45 Hypoxia in Paracas Bay, downstream the main upwelling cell off Peru – Dimitri Guiterrez
- 10:15 *Coffee Break*
- 10:30 GOOS/DOOS and O₂ as an Essential Ocean Variable – Lisa Levin
- 11:00 Other activities, e.g. Graduate student course – Karin Limburg, Benthic Biotic Response to Climate Changes Over the Last 700,000 Years in a Deep Marginal Sea: Impacts of Deoxygenation and the Mid-Brunhes Event – Morkiaki Yasuhara



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Global Ocean Oxygen Network



Sunday 2 September 2018

6. Ocean Oxygen Atlas

11:30 Mapping ocean oxygen – Hernan Garcia (NOAA)

12:30 Lunch

7. Capacity building

13:15 GO₂NE Summer School 2019 – Veronique Garcon/Minhan Dai

8. Future of GO₂NE

14:45 Group discussion

- *Growing from a group of experts to a real 'network'*
- *What other groups have to be considered – relevant for ocean oxygen?*
- *Plan for the next two years*

Closing latest 16:00 (ICEBreaker Ocean Deoxygenation Conference)