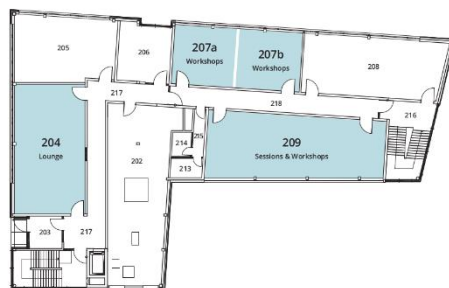
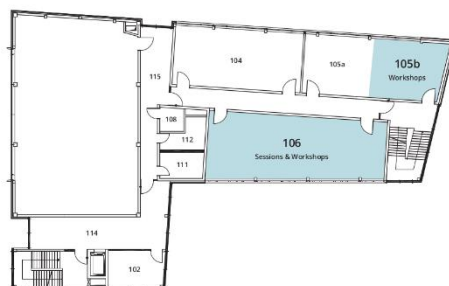


	Lecture Hall	Seminar Room I (106)	Seminar Room II (209)
7:30 – 8:30 am	Registration & Poster Set-Up (Foyer)		
8:30 – 9:30 am	Opening: Prof. Dr. Boris Koch (Deutsche Gesellschaft für Meeresforschung) & Prof. Dr. Martin Visbeck (GEOMAR Kiel) (Lecture Hall)		
9:30 – 10:30 am	Keynote talk: Prof. Dr. Mojib Latif (GEOMAR Kiel) (Lecture Hall): The role of the oceans in climate change		
10:30 – 11:00 am	Announcements (Lecture Hall)		
11:00 – 11:30 am	Coffee Break (Foyer)		
11:30 – 13:00 pm	<p><b>Session 4: Cephalopods: Life histories of evolution and adaptations</b></p> <p><b>O4-1</b> Henk-Jan T Hoving <i>In situ observations reveal the diversity of life history strategies in oceanic cephalopods</i></p> <p><b>O4-2</b> Chris Barrett <i>Alloteuthis subulata ageing: from methods to implications</i></p> <p><b>O4-3</b> Anastasiia Lishchenko <i>The influence of environmental factors on Berryteuthis magister (Berry, 1913) aggregations density in the area of the Northern Kuril Islands</i></p> <p><b>O4-4</b> Alexey V Golikov <i>Reproductive strategies of bobtail squids in the Arctic (Cephalopoda: Sepiolida)</i></p>	<p><b>Session 3: Physical processes in the tropical and subtropical oceans: Variability, impacts, and connections to other components of the climate system</b></p> <p><b>O3-1</b> Joke F Lübbecke <i>El Niño and its little sister in the tropical Atlantic: similarities, differences and interaction</i></p> <p><b>O3-2</b> Sebastian Milinski <i>Detecting changes in internal variability in response to global warming</i></p> <p><b>O3-3</b> Lydia Siegfried <i>Linking the tropical and subtropical Atlantic: a Benguela upwelling perspective</i></p> <p><b>O3-4</b> Dmitry I Frey <i>Bottom currents in the tropical fractures of the Northern Mid-Atlantic Ridge</i></p>	<p><b>Session 7: Ocean optics and ocean color remote sensing</b></p> <p><b>O7-1</b> Hongyan Xi <i>Dominant phytoplankton group identification by using simulated and in situ hyperspectral remote sensing reflectance</i></p> <p><b>O7-2</b> Svenja Christiansen <i>PlanktonID - combining in situ imaging, deep learning and citizen science for global plankton research</i></p> <p><b>O7-3</b> Jan R El Kassar <i>Study Phytoplankton Dynamics in the Arctic Using MERIS Sun-Induced Fluorescence</i></p> <p><b>O7-4</b> Therese Keck <i>Hyperspectral simulation of Chl-a fluorescence in optically complex waters</i></p> <p><b>O7-5</b> Anna Raczowska <i>Characterization of CDOM and FDOM in the Nordic Seas</i></p>
13:00 – 14:00 pm	Lunch Break (self-organized)		
14:00 – 16:00 pm	<p><b>Session 11: How do they do it? Understanding the success of marine invasive species</b></p> <p><b>O11-1</b> Enrico Bazzicalupo <i>Tracking down the origin of a Mediterranean alien: Bursatella leachii (de Blainville, 1817)</i></p> <p><b>O11-2</b> Jessica Schiller <i>First record of the invasive kelp Undaria pinnatifida in Germany</i></p> <p><b>O11-3</b> Sara Doolittle-Llanos <i>Plastic as a Vector for Marine Invasive Species in the Galapagos Archipelago, Ecuador</i></p> <p><b>O11-4</b> Sabine Rech <i>Alien invasive species rafting on floating plastic litter</i></p> <p><b>O11-5</b> Ingrid Linck Rosenhaim <i>Modelling of Ballast Water discharge in the Arctic Ocean</i></p>	<p><b>Session 6: The interplay between marine biodiversity and ecosystems functioning: patterns and mechanisms in a changing world</b></p> <p><b>O6-1</b> Marco Scotti <i>Phenology-mediated changes in the structure of a benthic food web</i></p> <p><b>O6-2</b> Pierre Olivier <i>Food webs: a central piece in biodiversity-ecosystem functioning theory</i></p> <p><b>O6-3</b> Feirouz Touhami <i>Diversity and spatial structure of the macrozoobenthos communities of the intertidal sediments of the Merja Zerga lagoon</i></p> <p><b>O6-4</b> Marta Słomińska <i>Functional diversity of Puck Bay - the role of macrofauna in ecosystem functioning</i></p>	<p><b>Session 15-I: Open Session</b></p> <p><b>O15-1</b> Angelina Smilenova <i>On the hydrography of water masses in the southern Rockall Trough – a synoptic view</i></p> <p><b>O15-2</b> Furkan Durucan <i>Halacarid (Prostigmata:Acari) species from the Mediterranean coast of Turkey, with a checklist of halacarids from the coast of Turkey</i></p> <p><b>O15-3</b> Maria Winberg Olsen <i>The effect of temperature and pyrene exposure on Calanus finmarchicus males and the consequences for population sex ratios</i></p> <p><b>O15-4</b> Hajar Bourassi <i>Population dynamics of crustacean cirriped Pollicipes pollicipes, in the Moroccan Atlantic Coast</i></p> <p><b>O15-5</b> Marie F Creemers <i>First characterization of deep-sea sponges on seamounts in the Galapagos Marine Reserve</i></p> <p><b>O15-6</b> Charlotte Eich <i>Influence of an external magnetic field on a planktonic foraminifer</i></p>
16:00 – 16:30 pm	Coffee Break (Foyer) - 16:15 Group photo		
16:30 – 17:00 pm	Dr. Claudia Hanfland (Alfred Wegener Institute, Bremerhaven): Career planning - Advice from the Cheshire Cat (Lecture Hall)		
17:00 – 19:00 pm	Workshops (Seminar Rooms)		

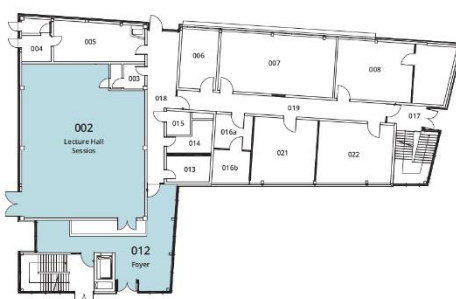
	Lecture Hall	Seminar Room I (106)	Seminar Room II (209)
19:00 – 21:00 pm	Poster Session (Foyer & Lecture Hall)		
	<p><b>P1-1</b> Simon Jungblut <i>Hydrography-driven distribution of seabirds and cetaceans in the temperate and tropical Atlantic Ocean</i></p> <p><b>P2-1</b> Quentin Mauvisseau <i>Alternative methods for assessing habitat quality in river systems</i></p> <p><b>P4-1</b> Bi Lin Liu <i>Determination of squid age using upper beak rostrum sections: technique improvement and comparison with statoliths</i></p> <p><b>P4-2</b> Enrico N Armelloni <i>Embryonic ontogeny of upper beak in <i>Octopus vulgaris</i> Cuvier, 1797</i></p> <p><b>P5-1</b> Camilla Sguotti <i>The failed recovery of Atlantic cod stocks</i></p> <p><b>P5-2</b> Clea van de Ven <i>A deep-sea sponge-loop? Tracing carbon and nitrogen from DOM to sponges and detritivores</i></p> <p><b>P5-3</b> Astrid Böhmer <i>A stressful environment: macrobenthic bioturbation under hypoxia and heat waves</i></p> <p><b>P6-1</b> Mehdi Gh Shojaei <i>High functional redundancy in the North Sea benthic system</i></p> <p><b>P7-1</b> Jana Schmitz <i>100 years of North Sea clarity and colour changes</i></p>	<p><b>P7-2</b> Bennet Juhls <i>Land-Ocean interactions in arctic coastal waters – Ocean Color Remote Sensing in optical complex waters</i></p> <p><b>P9-1</b> Tamas Kovacs <i>Wind forcing of the Arctic and North Atlantic freshwater system</i></p> <p><b>P10-1</b> Joyce Nieva <i>Identification of Microalgal Cyclic Imines and Their Potential Ecological Roles</i></p> <p><b>P12-1</b> Rene Friedland <i>Can nutrient mitigation measures (mussel farms) help to restore submerged macrophytes?</i></p> <p><b>P12-2</b> Artem Paraskiv <i>Hydrological, sedimentation and biotic ways of seawater self-purification of Sevastopol bay waters from plutonium alpha-radionuclides</i></p> <p><b>P12-3</b> Margarita Lazareva <i>Approaches to terrestrial coastal ecosystems' restoration of the Leningrad region</i></p> <p><b>P13-1</b> Kyra Paulweber <i>Does heat stress amplify the negative effects of microplastics on the blue mussel <i>Mytilus edulis</i>?</i></p> <p><b>P13-2</b> Lisa Roscher <i>Microplastic Occurrence in North Sea Surface Waters</i></p> <p><b>P13-3</b> Sarah Riesbeck <i>Does microplastic induce oxidative stress in marine invertebrates?</i></p>	<p><b>P14-1</b> Lena Rölfer <i>A common coral-algal interaction under the influence of climate change and ocean acidification</i></p> <p><b>P14-2</b> Emily F Guevara <i>Hide-and-seek: how prey patterning alters detectability to a marine predator (<i>Rhinecanthus aculeatus</i>)</i></p> <p><b>P14-3</b> Lara Stuthmann <i>Comparing food webs at both sides of the Isthmus of Panama: the relative importance of mangrove food sources for fish communities</i></p> <p><b>P14-4</b> Anne Jäger <i>Using perspectives to understand collective action in small-scale fisheries in the Gulf of Nicoya, Costa Rica</i></p> <p><b>P15-1</b> Mildred Johnson &amp; Laura Hennings <i>The Effect of Elevated and Fluctuating pCO<sub>2</sub> Concentrations on the Growth of Calcifying Marine Epibionts</i></p> <p><b>P15-2</b> Claudia Starke <i>Impact of submarine groundwater discharge on fish, plankton and biofouling</i></p> <p><b>P15-3</b> Jan Laurenz <i>The urgent need of scientific divers in ecological research on the example of investigations in the Comau Fjord, Chile</i></p> <p><b>P15-4</b> Imke Böök <i>Extracellular enzymes of invertebrate origin</i></p>



SECOND FLOOR



FIRST FLOOR



GROUND FLOOR

	Lecture Hall	Seminar Room I (106)	Seminar Room II (209)
8:00 – 9:00 am	Opening: Announcements, Dr. Mark Lenz (GEOMAR Kiel), Dr. Lydia Gustavs & Marie Heidenreich (Projektträger Jülich) (Lecture Hall)		
9:00 – 10:30 am	<p><b>Session 1: Sentinels of the Sea: Ecology and Conservation of Marine Top Predators</b></p> <p><b>O1-1</b> Stefan Garthe <i>Possible impacts of human pressures on seabirds: Insights from recent studies in the North and Baltic Seas</i></p> <p><b>O1-2</b> Marie-Charlott Rümmler <i>Drones as a new tool for Antarctic wildlife monitoring</i></p> <p><b>O1-3</b> Dominik A Nachtsheim <i>Under-shelf ice foraging of Weddell seals</i></p> <p><b>O1-4</b> Birgit Kleinschmidt <i>Diet of red-throated divers within an important wintering site, the German Bight, analysed with molecular tools</i></p> <p><b>O1-5</b> Brigitte C Heylen <i>Protecting African penguin through adaptive and dynamic management</i></p>	<p><b>Session 8: Polar ecosystems in the age of climate change</b></p> <p><b>O8-1</b> Marta Gluchowska <i>Zooplankton variability within Atlantic water flow to the Arctic</i></p> <p><b>O8-2</b> Melissa Käß <i>Community structure of macrobenthos in the deep Fram Strait, Arctic Ocean</i></p> <p><b>O8-3</b> Alexey V Golikov <i>Arctic cephalopods distribution during the recent climate changes</i></p> <p><b>O8-4</b> Mathilde Bourreau <i>Impact of climate change on protist communities in Isfjorden – Svalbard</i></p> <p><b>O8-5</b> Sandra M Lagnevall <i>Surface buoyancy forcing effect on the thermocline in Amundsen Sea</i></p> <p><b>O8-6</b> David Amptmeijer <i>Sedimentation of Persistent Organic Pollutants (POPs) in Ryder bay, Antarctica</i></p>	<p><b>Session 10: Phytoplankton in a changing environment – adaptation mechanisms and ecological surveys</b></p> <p><b>O10-1</b> Laura Käse &amp; Jana Geuer <i>Under surveillance – monitoring phytoplankton and hunting their traces</i></p> <p><b>O10-2</b> Christian Zurhelle <i>NMR-spectroscopic study of dissolved organic matter during a microalgal spring bloom</i></p> <p><b>O10-3</b> Florian Koch <i>B-Vitamins in phytoplankton ecology: Yes, algae need their vitamins too!</i></p> <p><b>Session 12: Coastal ecosystem restoration – innovations for a better tomorrow</b></p> <p><b>O12-1</b> Jana Carus &amp; Matthias Goerres <i>Coastal ecosystem restoration – innovations for a better tomorrow</i></p> <p><b>O12-2</b> Lena Rölfer <i>Coral transplantation - Scientific method or PR-instrument?</i></p>
10:30 – 11:00 am	Coffee Break (Foyer)		
11:00 – 13:30 pm	<p><b>Session 14: Tropical aquatic ecosystems across time, space and disciplines</b></p> <p><b>O14-1</b> Amanda K Ford <i>Coral reef ecosystems in times of global change</i></p> <p><b>O14-2</b> Novia Arinda Pradisty <i>Spatial Distribution of Surface Water Quality Parameters in Menjangan Island</i></p> <p><b>O14-3</b> Hagen Buck-Wiese <i>Holobiont at the vet – pro- and eukaryotic components in an Acropora White Syndrome case</i></p> <p><b>O14-4</b> Sofia Afoncheva <i>Attached or hanging: does maintenance method affect the response of Pocillopora damicornis to thermal stress?</i></p> <p><b>O14-5</b> Emily F Guevara <i>Underwater vision: how a coral reef fish (Rhinecanthus aculeatus) discriminates colour</i></p> <p><b>O14-6</b> Mirko Wölfelschneider <i>Chemical cycles disrupted by white mangrove logging in North-Brazil?</i></p> <p><b>O14-7</b> Charles Cadier <i>Long term impact of experimental harvesting on a tropical seagrass meadow in Gazi Bay, Kenya</i></p> <p><b>O14-8</b> Monica Mariño <i>Uncovering social-economic and environmental implications of seaweed mariculture in Rote Island, Indonesia</i></p> <p><b>O14-9</b> Vigneshwaran Soundararajan <i>Using a social-ecological system (SES) framework as a tool for stakeholder deliberation of sustainability challenges in the Gulf of Nicoya, Costa Rica</i></p> <p><b>O14-10</b> Paula Senff <i>Research Networks in Tropical Marine Science - Where, on what and with whom?</i></p>	<p><b>Session 13: Microplastics in aquatic habitats – environmental concentrations and consequences</b></p> <p><b>O13-1</b> Natalie A Welden <i>Micro-methods to macro-results: from a novel pollutant to an international environmental issue</i></p> <p><b>O13-2</b> Špela Korez <i>Behind the scenes: Who is the polluter of Slovenian coast?</i></p> <p><b>O13-3</b> Karolina Szewc <i>Microplastics in atmospheric deposition to an urbanized coastal zone – preliminary results</i></p> <p><b>O13-4</b> Livia Cabernard <i>Quantification of Microplastics by Raman and FTIR Spectroscopy</i></p> <p><b>O13-5</b> Nora-Charlotte Pauli <i>Fouling and degradation of plastic bags - an in situ experiment</i></p> <p><b>O13-6</b> Angela Stippkugel <i>Aggregation of microplastics with marine biogenic particles</i></p> <p><b>O13-7</b> Sinja Rist <i>Quantitative investigation of microplastic interaction with blue mussel adults and larvae</i></p> <p><b>O13-8</b> Vanessa Herhoffer <i>Does heat stress amplify the negative effects of microplastics on two bivalve species?</i></p> <p><b>O13-9</b> Mara Weidung <i>Impact of Synthetic and Natural Microparticles in the Shrimp Palaemon varians</i></p> <p><b>O13-10</b> Jessica Reichert <i>Differential effects of microplastics on growth and survival of corals</i></p>	<p><b>Session 5: Ecosystems dynamics in a changing world: regime shifts and resilience in marine communities</b></p> <p><b>O5-1</b> Camilla Sguotti &amp; Xochitl Cormon <i>Regime shift, a global challenge for the sustainable use of our marine resources</i></p> <p><b>O5-2</b> Leonie Färber <i>Regime shift analysis in Atlantic herring stocks</i></p> <p><b>O5-3</b> Mainah L Folkers <i>Effects of wounding on detritus production by Caribbean reef sponges</i></p> <p><b>O5-4</b> Hannah S Earp <i>The nutrient limitation status of benthic reef macroalgae (Phaeophyceae) in Moorea, French Polynesia</i></p> <p><b>O5-5</b> Sandra C Straub <i>Resilience of canopy formers to different profiled marine heatwaves</i></p> <p><b>O5-6</b> Xupeng Chi <i>Temperature and food conditions affect fitness of Aurelia aurita polyps</i></p> <p><b>O5-7</b> Iraxte Rubio <i>Catch distribution shifts in tropical tuna fisheries</i></p> <p><b>O5-8</b> Liam Lachs <i>Island Resort Runoff Threatens Reef Ecosystems: an isotopic assessment of the extent and impact of sewage-derived nitrogen across Redang Island, Terengganu, Peninsular Malaysia</i></p>

13:30 – 14:30 pm	Lunch Break (self-organized)		
14:30 – 16:30 pm	<p><b>Session 2: Reading the book of life -- omics as a universal tool across disciplines</b></p> <p><b>O2-1</b> Harald Gruber-Vodicka <i>PhyloFlash - metagenomics, microbial molecular ecology and a new age of discovery</i></p> <p><b>O2-2</b> Morgan L McCarthy <i>Challenges of Amplifying Degraded Nuclear and Mitochondrial DNA from Historical Dugong Skulls</i></p> <p><b>O2-3</b> Quentin Mauvisseau <i>On the way for detecting and quantifying elusive species in the sea: The Octopus vulgaris case study</i></p> <p><b>O2-4</b> Sabrina N Kalita <i>Single-cell transcriptomics: Gotta catch 'em all!</i></p> <p><b>O2-5</b> Alaina Weinheimer <i>Defining gene cluster families from globally-distributed seawater samples using community detection methods</i></p> <p><b>O2-6</b> Beate M Slaby <i>Marine sponge symbionts: united in defense but specialized in metabolism</i></p> <p><b>O2-7</b> Maha J Czielski <i>Investigating transcriptome and proteome heat stress response of the cnidarian model organism Exaiptasia pallida</i></p> <p><b>O2-8</b> Jan D Brüwer <i>Let's go viral on the model metaorganism Aiptasia</i></p>	<p><b>Session 9: The physics of the Arctic and Subarctic oceans in a changing climate</b></p> <p><b>O9-1</b> Marilena Oltmanns <i>Declining convection in the North Atlantic initiated through warming summers</i></p> <p><b>O9-2</b> Catherine Drinkorn <i>Upper layer circulation in the Nordic Seas – Spatial distribution variability of heat, freshwater and potential energy</i></p> <p><b>O9-3</b> Maren Richter <i>Fram Strait recirculation and the East Greenland Current</i></p> <p><b>O9-4</b> Sara E Sahlin <i>Measuring Temperature Variability of Deep Atlantic Water in the Arctic</i></p> <p><b>O9-5</b> Iwona Wrobel <i>Characteristic of the Arctic climate as a response to air-sea interaction</i></p> <p><b>O9-6</b> Imke Sievers <i>The winter stratification on the East Siberian Shelf</i></p> <p><b>O9-7</b> Claudia Wekerle <i>Eddy-resolving simulation of the Atlantic Water circulation in the Fram Strait</i></p>	<p><b>Session 15-2: Open Session</b></p> <p><b>O15-7</b> Nils T Willenbrink <i>Applications of stereo-camera systems in marine conservation</i></p> <p><b>O15-8</b> Enno Fricke <i>Feeding plants to predators: lupin as a feed supplement for the European sea bass (<i>Dicentrarchus labrax</i>)</i></p> <p><b>O15-9</b> Maria A Smirnova <i>Pacific cod population structure in the southern part of species' range</i></p> <p><b>O15-10</b> Suzanne S H Poiesz <i>Epibenthic feeding juvenile flounder <i>Platichthys flesus</i> do not suffer from summer growth reduction as benthic feeders suffer from</i></p> <p><b>O15-11</b> Eleni Melis <i>Lipid storage of the North Sea shrimp <i>Cragon crangon</i></i></p> <p><b>O15-12</b> Ajoub Baali <i>Biology and population dynamics of <i>Sardinella aurita</i> in South Morocco</i></p> <p><b>O15-13</b> Natalie Prinz <i>To feed or not to feed? Artificial feeding affects reef fish functions</i></p> <p><b>O15-14</b> Manu Sapkota <i>Snow and Glacier melt in Nepal and its influence on Coastal Environmental Degradation in the Ganges Deltaic Region of Bangladesh</i></p>
16:30 – 17:00 pm	Coffee Break (Foyer)		
17:00 – 17:30 pm	Ocean Philosophers & Science Sail Think Tank: Lisa Hentschel (Lecture Hall)		
17:30 – 18:00 pm	Awards & Closing (Lecture Hall)		
20:00 pm	Post Conference Clubbing (to be announced)		