



# Agenda Status Conference Research Vessels 2026

March 4 and 5, 2026 at GEOMAR Helmholtz Centre for Ocean Research Kiel

## Event Location

GEOMAR – Helmholtz Centre for Ocean Research Kiel kindly hosts the Status Conference Research Vessels 2026.

The event will take place in Building 5 (New building) as well as in the Lecture Hall of Building 8.

## Eventpage

## March 04, 2026

Start Time	Activity Detail
08:00 AM	Registration   Foyer, Building 8 <i>PtJ / GPF Office / GEOMAR</i>
09:00 AM	Opening Plenary Session   Lecture Hall, Building 8 1) <i>Guido Wendt / Ministry of General Education and Vocational Training, Science, Research and Culture</i> 2) <i>Stefan Müller / Director General / Federal Ministry of Research, Technology and Space</i> 3) <i>Katja Matthes / Director / GEOMAR</i> 4) <i>Christian Hübscher / GPF Co-Chair / University of Hamburg</i>
09:30 AM	Opener and Transition to Sessions   Lecture Hall, Building 8 <i>Johannes Karstensen / GEOMAR</i>
09:45 AM	Plenary Session: Underway bathymetry and seamounts   Lecture Hall, Building 8 <i>Lars Rüpke / GEOMAR</i>
10:15 AM	CONFERENCE PHOTO
10:30 AM	COFFEE BREAK

## PARALLEL SESSION

### Marine Biology

Lecture Hall, Building 8  
Session Chair: XX

### Oceanography

Atlantic Ocean (1.214), Building 5  
Session Chair: XX

### Marine Biogeochemistry

Pacific Ocean (1.212), Building 5  
Session Chair: XX

### Marine Geology

Baltic Sea (1.212), Building 5  
Session Chair: XX

10:35 AM

#### EMB283

Vibrio vulnificus proliferation in the Baltic Sea

*Matthias Labrenz*

#### EMB286, EMB290, EMB293, EMB298, EMB305, EMB311, EMB314, EMB317, EMB323, EMB328

The state of the Baltic Sea in 2022–2023 – ecosystem variability and long-term changes

*Michael Naumann*

#### AL575

Methane emissions at abandoned wells in the North Sea

*Matthias Haeckel*

#### EMB306

Paleo-Landscapes of the Darss Sill: Results from research cruise EMB306

*Peter Feldens*

10:55 AM

#### HE605

The role and range boundaries of gelatinous zooplankton in the rapidly changing Arctic marginal seas

*Charlotte Havermanns*

#### PS135/1 and 135/2

Atlantic transit as a scientific opportunity for interdisciplinary ocean and atmosphere research and WASCAL student training

*Björn Fiedler*

#### MSM110

East Greenland Cruise MSM110

*Helmut Thomas*

#### M193

REPLENISH: Red Sea Paleoenvironmental Evolution under Monsoon fluctuations in the Pleistocene to Holocene

*Hildegard Westphal*

11:15 AM

#### M185

Assessing Oceanic Impacts on Arrival and Transport of European eel larvae

*Reinhold Hanel*

#### M184

Process understanding and long-term variability in the Labrador Sea

*Johannes Karstensen*

#### HE611

Baltic Sea and North Sea Cruise HE611

*Helmut Thomas*

#### MSM118

Paleoclimate and Biogeochemistry Nova Scotia 2.0 | MSM 118 NOVAMAR 2.0

*Henriette Westphal*

11:35 AM

#### MSM115

Scientific Results of MSM115

*Helena Herr*

#### M195

Climate Dynamics and Ecosystem Change during the Rise of Mediterranean Civilizations (CYRTACI)

*Jörg Pross*

#### HE595

The Helgoland Mud Area: Understanding Carbon Sinks in Dynamic Shelf Seas

*Moritz Holtappels*

#### MSM116

MeBo deep-sea drilling on the Stocks Seamount, Equatorial Atlantic

*Heiko Pälike*

11:55 AM

#### SO293

AleutBio (Aleutian Biodiversity Studies)

*Angelika Brandt*

#### MSM112/2 and MSM 114/2

Sub-Tropical Atlantic Reference Data and Atlantic References and Convection

*Frank Nitsche*

#### PS124

A Continental Shelf Multidisciplinary Flux Study (COSMUS) of carbon

*Moritz Holtappels*

#### MSM111

Deep drilling in the Baffin Bay for marine sediment records of Greenland Ice Sheet collapse during past warm intervals

*Michael Kucera*

12:30 PM

LUNCH BREAK

PARALLEL SESSIONS

## PARALLEL SESSION

### Marine Biology

Lecture Hall, Building 8  
Session Chair: XX

### Oceanography

Atlantic Ocean (1.214), Building 5  
Session Chair: XX

### Marine Biogeochemistry

Pacific Ocean (1.213), Building 5  
Session Chair: XX

### Marine Geophysics

Baltic Sea (1.212), Building 5  
Session Chair: XX

01:35 PM

**HE573, HE584, HE596, HE607, HE613**

Risk assessment of war wrecks – a comprehensive approach investigating wrecks containing munitions in the North Sea

*Mathias Brenner*

**S0290**

Paleoceanography and chemical oceanography of the southern Tasman Sea

*Katharina Pahnke*

**M182**

Role of Eddies in the Carbon Pump of Eastern Boundary Upwelling Systems, REEBUS 01.06. – 10.07.2021 Results from cruise M182

*Jens Greinert*

**HE621**

Comparison of Modelling and Measurements of Gl-Source Sound Propagation in the North Sea

*Martin Engels*

01:55 PM

**HE622, HE635, HE655/2**

Legacies of war – assessment of munition hotspots in the German Bight

*Mathias Brenner*

**S0296**

Impact of pelagic Anoxia in the Upwelling Area off Concepción and in a pristine anoxic Fjord, and the postglacial Development of the Patagonian Fjord Region of Chile (MAPLICHE)

*Heide Schulz-Vogt*

**MSM114**

Time series of benthic oxygen and carbon cycling subjected to enhanced export production driven by mesoscale eddies off West Africa

*Stefan Sommer*

**PS134**

Result overview of RV Polarstern expedition PS134 (WAIS-BELL) to the Bellingshausen Sea of West Antarctica in early 2023

*Gabriele Uenzelmann-Neben*

02:15 PM

**AL573, AL594**

RV Alkor expeditions "Baltic Cod, May 2022 and 2023"

*Kwi Young Han*

**M186/2**

AtlanTIC – Atlantic Trophic Interactions and Carbon Cycle

*Holger Auel*

**MSM107**

Unravelling Lateral Transport, Organic Matter Transformation, and Seafloor Dynamics on the Irish Continental Margin: Key Results from MSM107

*Morten Iversen*

**AL567, AL583, AL590, AL603, AL615**

Munition research in the German Baltic Sea – Oct. 2021–July 2024: Results from various projects and cruises

*Jens Greinert*

02:35 PM

**EMB320**

Assessing the impact of mobile bottom trawl fishing in marine protected areas (Natura 2000) of the western Baltic Sea, and investigations of bacterioplankton along the salinity gradient of the Baltic Sea ("MGF-Salinity")

*Klaus Jürgens*

**S0298, S0289**

GEOTRACES section studies on trace element biogeochemistry in the South and Equatorial Pacific Ocean

*Eric Achterberg*

**M192/1, M192/2**

Bridging hydrothermal sites along the Hellenic Arc off Milos from shallow to deep (BridgeHell)

*Solveig Bühring*

**S0300/1**

Indian Ocean Exploration for Seafloor Massive Sulphides – INDEX2023 Leg 1 Geophysics

*Udo Barckhausen*

02:55 PM

**HE602, HE642, HE659**

MGF North Sea II: Effects of the exclusion of bottom-contact fishing on benthic habitats in the Natura 2000 sites 'Sylt Outer Reef' and 'Borkum Reef Ground'

*Sven Rhode*

**S0292**

ICECARB: Towards an understanding of carbonate platforms in the icehouse world

*Hildegard Westphal*

**M186**

Azores Hot Vents

**S0300/2**

Indian Ocean Exploration for Seafloor Massive Sulphides

*Karsten Gohl*

03:15 PM

**END OF SESSIONS**

03:15 PM

**COFFE BREAK**

## POSTER SESSION

03:30 PM      Poster Presentation | Foyer GW2

## BREAKOUT SESSION

04:30      Coordination Group Research Vessels | Lecture Hall, Building 8

Transfer and Innovation | Atlantic Ocean (1.214), Building 5

## PLENARY SESSION

05:15 PM      BRIESE Poster Award Ceremony | Lecture Hall, Building 8

05:45 PM      Update on RV POLARSTERN II

*Detlef Wilde / AWI*

06:15 PM

## DINNER





# Agenda Status Conference Research Vessels 2026

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## Event Location

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## Eventpage

## March 05, 2026

Start Time	Activity Detail
08:00 AM	Registration   Foyer, Building 8 <i>PtJ / GPF Office / GEOMAR</i>
08:30 AM	Plenary Session: Internation Submission System and Ship Coordination   Lecture Hall, Building 8 <i>Inge André Utåker / IMR</i>

## PARALLEL SESSION

## PARALLEL SESSION

### Oceanography

Lecture Hall, Building 8  
Session Chair: XX

### Marine Biogeochemistry

Atlantic Ocean (I.214), Building 5  
Session Chair: XX

### Marine Geology

Pacific Ocean (I.213), Building 5  
Session Chair: XX

### Marine Geology Paleoclimate

Baltic Sea (I.212), Building 5  
Session Chair: XX

09:05 AM

#### PS133/1, PS133/2

"Island Impact" – Understanding the regional impact of islands (South Georgia) on Southern Ocean biogeochemistry and ecosystem function

*Sabine Kasten*

#### AL570

Baseline study of the impact of bottom trawling on the benthic ecology in the German Baltic Sea

*Stefan Sommer*

#### AL611

The role of subglacial landforms for offshore freshened groundwater below the southeastern North Sea

*Arne Lohrberg*

#### M194

Activity, Distribution, and Biodiversity of Hydrothermal Vent Sites in the Red Sea, M194 HEXPLORES

*Nico Augustin*

09:25 AM

#### PS138

Interdisciplinary long-term observations of a changing Central Arctic Ocean

*Christina Bienhold*

#### AL587, AL596

North Sea Plastics I and II: Fate and impact of river-borne microplastics and their chemical additives in the North Sea

*Aaron Beck*

#### M196

Gulf of Corinth Groundwater – Is the deep offshore freshened groundwater body within the Gulf of Corinth actively recharging?

*Marion Jegen*

#### M191

Submarine volcanism in the western Sicilian Channel

*Jörg Geldmacher*

09:45 AM

#### PS131

ATlantic WAtter pathways to the ICE in the Nansen Basin and Fram Strait: Results from the ATWAICE expedition

*Thorsten Kanzow*

#### EMB324

Dynamics of redox-sensitive trace metals and biomarkers in the salinity gradient of the Baltic Sea

*Oliver Dellwig*

#### S0294

CLOCKS: Northern Cascadia subduction zone analysis extent of locked zones and Cascadia CO2: Seismic multi-parameter study for a possible CO2 storage site

*Michael Riedl*

#### M190

Distribution of Venting Along the Mid-Atlantic Ridge (29–38°N) and Implications for Hydrothermal Exchange and Vent Ecosystems

*Wolfgang Bach*

10:05 AM

#### EMB297

Hot Spots and Moments of C and N turnover in Planktonic Food Webs at the End of Summer

*Natalie Loick-Wilde*

#### AL572, AL576

Assessing Environmental Safety of Ocean Alkalinity Enhancement during the 2022 KOSMOS MesocosmExperiment in Bergen, Norway

*Kai Schulz*

#### Oceanography

Lecture Hall, Building 8  
Session Chair: XX

*Marine Biogeochemistry*

#### M183

Site Survey for Ridge Flank Observatory Science on the Southern Reykjanes Ridge

*Wolfgang Bach*

## COFFEE BREAK

## PARALLEL SESSIONS

## PARALLEL SESSION

PARALLEL SESSION				
Marine Biology		Oceanography	Marine Geophysics	Marine Geology
	Lecture Hall, Building 8 Session Chair: XX	Atlantic Ocean (1.214), Building 5 Session Chair: XX	Pacific Ocean (1.213), Building 5 Session Chair: XX	Baltic Sea (1.212), Building 5 Session Chair: XX
10:45 AM	<b>PS136 and MSM108</b>  Time-Series Studies at the LTER (Long-Term Ecological Research) Observatory HAUSGARTEN	<b>M189</b>  Benguela Niños: Physical Processes in Upwelling Regions and Long-Term Variability	<b>PS137</b>  Exploring Arctic Hydrothermal Vent Fields	<b>MSM109</b>  Discovery of the first hydrothermal field along the 500-km-long Knipovich Ridge – Results from R/V MARIA S. MERIAN cruise MSM109
	<i>Thomas Soltwedel</i>	<i>Peter Brandt</i>	<i>Vera Schlindwein</i>	<i>Jan Kleint</i>
11:05 AM	<b>HE627</b>  FjordChange: Impact of atlantification on ecosystem structure and function in Arctic fjords (Svalbard)	<b>M179/1 and M179/2</b>  Dynamic Effects of glacial melting and human impact on fjordic ecosystems of the Beagle Channel and the Chilean fjord system of Southern Patagonia	<b>JC228</b>  Seismic structure of fast spreading lithosphere in the Guatemala Basin and the impact of plate bending at deep-sea trenches on the properties of oceanic crust	<b>SO299</b>  Arc rifting, metallogenesis and microplate evolution: An integrated geodynamic, magmatic and hydrothermal study of the Bismarck Archipelago, Papua New Guinea
	<i>John Uwe</i>	<i>Bernd Krock</i>	<i>Ingo Grevemeyer</i>	<i>Philipp Brandl</i>
11:25 AM	<b>AL571 and AL592</b>  Long-term monitoring of biodiversity changes and their functional consequences in the pelagic ecosystems of the central Baltic Sea	<b>M181</b>  Trans-Atlantic Equatorial cruise II	<b>SO297</b>  PISAGUA: Controlled-source seismic experiments offshore the Atacama Seismic Gap to elucidate structural controls on megathrust slip	<b>SO301</b>  Seismic Imaging at the Central Indian Ridge: Structure and Formation of Oceanic Core Complexes (SCIROCCO)
	<i>Jan Dierking</i>	<i>Peter Brandt</i>	<i>Dietrich Lange</i>	<i>Martin Engels</i>
11:45 AM	<b>HE604 and HE625</b>  Ecological long-term observation of benthic communities in the German EEZ of the North Sea	<b>MSM105</b>  Effects of Variability in Physical Forcing on Carbon and Oxygen Budgets in the Northern Benguela Upwelling System	<b>SO299/2</b>  Landslide-induced caldera collapse during the 1883 Krakatau eruption	<b>MSM119</b>  Ridge Flank Observatory Research south of Iceland using seafloor drilling
	<i>Jan Beermann</i>	<i>Heide Schulz-Vogt</i>	<i>Morelia Urlaub</i>	<i>Achim Kopf</i>
12:05 PM	<b>EMB292 and EMB319</b>  Living along gradients- spatiotemporal variability of macrobenthic communities in the southwestern Baltic Sea	<b>PS132</b>  North south atlantic training 2022 (oceancapx   nosoat)	<b>MSM122</b>  Shaping the structure of fracture zones by magmatic activity at ridge-transform-intersections: constraints from bathymetric and magnetic data	<b>SO292/2</b>  Characterization and monitoring of serpentinite mud volcanoes' fluid/solid emissions in the Mariana Forearc
	<i>Katharina Romoth</i>	<i>Karen Wiltshire</i>	<i>Ingo Grevemeyer</i>	<i>Walter Menapace</i>
12:25 PM	<b>HE601</b>  Early stages of the benthic community at the pilot oyster reef in the German north sea	<b>MSM112/1</b>  The Rio Magdalena Delta ROFI system – Land-Sea Interaction of the major tributary of the Caribbean Sea	<b>AL595</b>  New Insights into the Grimsey Hydrothermal Field Offshore Iceland	<b>HE590 and HE629</b>  RoboLeaks: HE590 and HE629 expeditions
	<i>Santiago Pineda Metz</i>	<i>Christian Winter</i>	<i>Sebastian Hölz</i>	<i>Ralf Bachmeyer and Achim Kopf</i>

12:45 PM

## LUNCH BREAK

## PARALLEL SESSION

Oceanography		Oceanography		Marine Biogeochemistry	Marine Geology
Lecture Hall, Building 8 Session Chair: XX		Atlantic Ocean (1.214), Building 5 Session Chair: XX		Pacific Ocean (1.213), Building 5 Session Chair: XX	Baltic Sea (1.212), Building 5 Session Chair: XX
01:45 PM	<b>AL597</b>  Biogeo-optical and -chemical characterization of cyanobacterial blooms in the Baltic Sea for ocean colour satellite remote sensing  <i>Martin Hieronymy</i>	<b>M180 and M188</b>  Quasi-synoptic observations of energy transfer and turbulence in the ocean: First results of the SONETT experiment  <i>Maren Walter and Christian</i>	<b>EMB315 and EMB347</b>  Physicochemical characterization of ship emissions in the atmosphere and Baltic Sea water column  <i>Helena Osterholz</i>	<b>PS140EASI-2</b>  East Antarctic Ice Sheet Instabilities – Research Cruise PS140 to the Indian sector of the Southern Ocean and the East Antarctic continental margin  <i>Marcus Gutjahr</i>	
02:05 PM	<b>M187</b>  Biogeochemical dynamics of upwelling filaments in the Benguela  <i>Thomas Browning</i>	<b>HE598, HE609, HE614 and HE626</b>  Essential Climate Variables in the Ocean's Skin and Near-Surface Layer  <i>Oliver Wurl</i>		<b>EMB288</b>  Trawl marks in the Baltic Sea Basins: Results from Research Cruise EMB288  <i>Peter Feldens</i>	
02:25 PM	<b>M197</b>  Biogeochemistry of the Wintertime Eastern Mediterranean Sea: results from the M197 expedition  <i>Thomas Browning</i>	<b>MSM117</b>  Western boundary circulation, flow-topography interaction and ecosystem impacts off Brazil  <i>Rebecca Hummels</i>	<b>MSM123</b>  Bubble Mediate Gas Exchange in the Labrador Sea (BELS)  <i>Christa Merandino</i>	<b>MSM113</b>  Sediment wave generation in continental margins and the structure of the submerged mobile western flank of Cumbre Vieja Volcano, La Palma  <i>Sebastian Krastel</i>	
02:45 PM	<b>MSM120</b>  Hudson Bay System Paleoceanography  <i>Ralph Schneider</i>	<b>PS129</b>  The expedition PS129 of FS Polarstern in 2022 in the Atlantic sector of the Southern Ocean  <i>Mario Hoppema</i>		<b>SO295</b>  Nodule Monitoring 2 – Assessing the environmental impacts of polymetallic nodule mining  <i>Felix Janssen and Pedro Martinez</i>	

## END OF SESSIONS

03:05 PM

## COFFEE BREAK

## BREAKOUT SESSION

03:25 PM OFEG and OFEG Tech | Atlantic Ocean (1.214), Building 5      Scientist and Crew | Pacific Ocean (1.213), Building 5

## PLENARY SESSION

04:10 PM Sampling Campaigns Antarctica InSync and FUTURO | Lecture hall, Building 8

*Nicole Biebow / AWI and Arne Körtzinger / GEOMAR*

04:50 PM Closing Remarks | Lecture hall, Building 8

*Johannes Karstensen / GEOMAR*

05:00 PM

END OF CONFERENCE

