

3rd Baltic Earth Conference - Online

Time	Tuesday 2 June	Wednesday 3 June
09:45	Welcome M. Reckermann (Logistics)	
09:50	Welcome M. Meier (Baltic Earth)	
09:55	Welcome J. M. Weslawski (Co-Organizer IO-PAN)	
10:00	Jan Marcin Weslawski: Social perception of the Baltic Sea in Poland	Jacek Beldowski: Dumped munitions as a pressure factor for the Baltic Ecosystem
10:05		
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10:15	Schmidt, Beata: Long-term variability of the near-bottom oxygen, temperature and salinity in the Southern Baltic	Ehlers, Birte-Marie: First results of model sensitivity studies on the influence of global changes to the Baltic Seas
10:20	Zhurbas, Victor: Rotation of floating particles in submesoscale cyclonic and anticyclonic eddies: a model study for the southeastern Baltic Sea	Reinhart, Vanessa: Accuracy assessment of ESA CCI LC over Eastern Europe and the Baltic States from a climate modelling perspective...
10:30	Discussion	Discussion
10:35		
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10:50	Break	Break
10:55		
11:00		
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11:15	Tarmo Soomere: Connecting science, society and policy: experience of a small country	Marilaure Gregoire: Declining oxygen in the Black Sea and in the world ocean
11:20		
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11:30	Lengler, Monika: Bioavailability and remineralization of sediment-derived dissolved organic carbon from the Baltic Sea depositional area	von Storch, Hans: Does internally generated hydrodynamic noise matter in the Baltic Sea?
11:35		
11:40	Szymczycha, Beata: Submarine groundwater discharge influence on marine CO2 system	Meier, Markus H. E.: Uncertainties of Baltic Sea future projections under different shared socioeconomic pathways
11:45		
11:50	Borawska, Zuzanna: Benthic fauna influence on the marine silicon cycle in the coastal zones of the southern Baltic Sea	Gröger, Matthias: Moving climate zones and climate change impact on anomalous weather phenomena in the Euro-Cordex / Baltic Sea region
11:55		
12:00		Discussion
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12:25	Lunch Break	
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12:35		Lunch Break
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13:00	Grzegorz Uścińowicz: The coastal processes and management in the southern Baltic Sea	
13:05		
13:10		Anders Omstedt: A Philosophical View of the Ocean and Humanity
13:15	Choo, Simeon: Microbial Life and Phosphorus Cycling Along Salinity and Redox Gradients	
13:20		
13:25	Discussion	Placke, Manja: The overturning circulation of the Baltic Sea and its sensitivity to long-term atmospheric and hydrological changes
13:30		
13:35	Kudryavtseva, Nadia: Coastal flooding: Joint probability of extreme water levels and waves along the Baltic Sea coast	Ma, Xiao: Long-term observations of nitrous oxide and methane at the Boknis Eck Time-Series Station in the Eckernförde Bay (southwestern Baltic Sea)
13:40		
13:45	Cieslikiewicz, Witold: Long-term statistics of atmospheric conditions over the Baltic Sea and meteorological features related to wind wave extremes in the Gulf of Gdańsk	Najafzadeh, Fatemeh: Estimating the wave statistics bias in the partially ice-covered regions of the Baltic Sea
13:50		
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14:00		
14:05	Break	Break
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14:25	Zbigniew W. Kundzewicz: Changes in flood risk at a range of scales - Globe, Europe, Baltic Sea Basin	Georgia Destouni: Multiple drivers of change in coastal water quality and ecosystem status: From participatory mental mapping to systems modelling
14:30		
14:35	Dieterich, Christian: Convective Snow Bands over the Baltic Sea in an Ensemble of Regional Climate Scenarios	Siirä, Simo-Matti: The future of the Gulf of Bothnia: NEMO-SCOBI SmartSea scenarios from the present until 2060
14:40		
14:45	Kalczyński, Michał: From Climate Variability to Heavy Precipitation: Learning Transfer Functions from Data	Wibig, Joana: Intraannual and longterm variability of wind in Poland in the period 1966-2018
14:50		
14:55	Rimkus, Egidijus: Definition of droughts and their recurrence in Lithuania	Discussion
15:00		
15:05	Discussion	Break
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15:15	Break	
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15:25		Walczowski, Waldemar: ARGO floats – the modern tool for the Southern Baltic monitoring
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15:35	Hagemann, Stefan: Complementing ERA5 and E-OBS20 with high-resolution river discharge over Europe	Heinilä, Kirsikka: Monitoring lake ice extent using optical satellite data
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15:45	Paka, Vadim: Intermediate plumes of low oxygen in the southeastern Baltic Sea	Jaramillo, Fernando: Using InSAR observations to understand changes to coastal and inland water resources in the Baltic basin
15:50		
15:55	Liblik, Taavi: Mid-winter stratification formation in the Gulf of Finland	Koponen, Sampsa: Utilization of Earth Observation to support biogeochemical modeling
16:00		
16:05	Discussion	Discussion
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16:15		Wrap-Up
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16:35	End of Day 1 Flexible in case of delays	
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16:45		End of Day 2 Flexible in case of delays
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Keynotes
Salinity dynamics
Biogeochemical linkages
Extremes and Hazards
Water and Energy
Multiple Drivers
Regional Modelling
Climate Change
Observation Systems