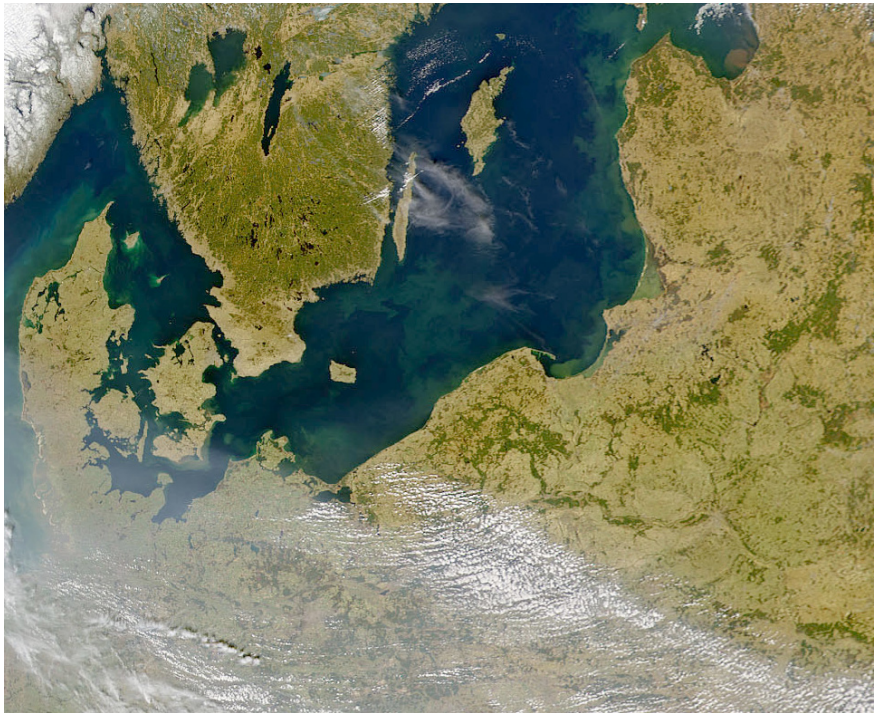


International Conference on  
**Climate Change**  
The environmental and  
socio-economic response  
in the southern Baltic region



NASA/Goddard Space Flight Center, GeoEye



Szczecin, Poland, 25 - 28 May 2009

**Conference Programme**

# Organisers

**University of Szczecin**



**GKSS Research Centre  
Geesthacht GmbH**



**State Authority for Environment,  
Nature Protection and Geology  
Mecklenburg Vorpommern (LUNG)**



**Helmholtz-Centre Potsdam  
German Research Centre for Geosciences  
GFZ**



**BALTEX – The Baltic Sea Experiment**



# Sponsors

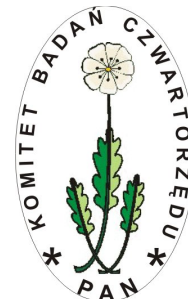
**The City of Szczecin**



**The Office of the Marshal  
of the Province of Western Pomerania**



**Committee for Quaternary Research (CQR)  
of the Polish Academy of Science**



**PZU Group**





## Conference Programme Overview

International Conference on Climate Change in the southern Baltic Sea region: The environmental and socio-economic response

University of Szczecin, 25 - 28 May 2009

	Sunday 24 May	Monday 25 May	Tuesday 26 May	Wednesday 27 May	Thursday 28 May	Friday 29 May	
09:00	Arrival of Participants	Registration 9:00 to 10:15	Session D	Session C	Excursions to the islands of Wolin and Rügen	Departure of Participants	
09:30		Opening					Coffee Break 10:30
10:00		Keynote Speeches	Poster Discussion	Session C			Lunch: 12:40 to 13:40
10:30							
11:00		Lunch: 12:30 to 14:00	Session A	Session B			Session E
11:30							
12:00		Session A	Session B	Session B			Session E
12:30							
13:00		Evening Lecture 19:30	Conference Dinner 20:00	Closing			Concert 20:00
13:30							
14:00	Ice Breaker 19:00	Concert 20:00	Closing	Concert 20:00			
14:30					Concert 20:00	Concert 20:00	
15:00	Registration 16:00 to 20:00	Evening Lecture 19:30	Closing	Concert 20:00			
15:30					Evening Lecture 19:30	Concert 20:00	
16:00	Ice Breaker 19:00	Concert 20:00	Closing	Concert 20:00			
16:30					Concert 20:00	Concert 20:00	
17:00	Registration 16:00 to 20:00	Evening Lecture 19:30	Closing	Concert 20:00			
17:30					Evening Lecture 19:30	Concert 20:00	
18:00	Ice Breaker 19:00	Concert 20:00	Closing	Concert 20:00			
18:30					Concert 20:00	Concert 20:00	
19:00	Registration 16:00 to 20:00	Evening Lecture 19:30	Closing	Concert 20:00			
19:30					Evening Lecture 19:30	Concert 20:00	
20:00	Ice Breaker 19:00	Concert 20:00	Closing	Concert 20:00			
					Concert 20:00	Concert 20:00	

**Climate Change**  
**The environmental and socio-economic response**  
**in the southern Baltic region**

**Conference Programme**

**SUNDAY, 24 May 2009**

16:00 - 20:00 **Registration** at the Conference Venue

19:00 **Ice Breaker** at the Conference Venue (Drinks/Snacks/Music)

**MONDAY, 25 May 2009**

09:00 - 10:15 **Registration** at the Conference Venue

**10:30 Opening Ceremony**

*Chair: Andrzej Witkowski*

***Inaugural addresses***

*Stanisław Gawłowski, Secretary of State, Ministry of the Environment, Poland*

*Władysław Husejko, Marshal of the Province of Western Pomerania, Poland*

*Piotr Krzystek, Major of the City of Szczecin*

*Waldemar Tarczyński, Rector of the University of Szczecin*

***Keynote Lectures***

11:30 **Winter air temperatures in the Baltic Sea region during the past millenium**

Andres Tarand

*Andres Tarand is member of the European Parliament and was Prime Minister of Estonia. He has a university degree as climate researcher.*

12:00 **The BACC Strategy (BALTEX Assessment of Climate Change for the Baltic Sea Basin)**

Hans von Storch, Hans-Jörg Isemer, Marcus Reckermann and the BACC Author Team

*Hans von Storch is Director at the Institute for Coastal Research at GKSS Research Centre, Germany, and Chair of the BACC Steering Committee.*

12:30 Lunch

**MONDAY, 25 May 2009**

**Session A:** Marine and terrestrial proxies for reconstructions of paleo-climate

*Chair: Achim Brauer*

- 14:00        *Invited Lecture*  
**Global warming in the perspective of 20,000 years**  
Svante Björck
- 14:30        **BONUS programme: INFLOW project – Providing information on forcing mechanisms of environmental changes of the Baltic Sea during the past 6000 years and future scenarios**  
Aarno Kotilainen, Laura Arppe, Eystein Jansen, Juha Karhu, Mia Kotilainen, Antoon Kuijpers, Markus Meier, Matthias Moros, Thomas Neumann, Daria Ryabchuk, Ian Snowball, Mikhael Spiridonov and Andrzej Witkowski
- 14:50        **Sedimentation of a marine deposit in the "Szczecin Bay" during the Littorina transgression**  
Ryszard Krzysztof Borówka, Andrzej Witkowski, Malgorzata Latałowa and Artur Skowronek
- 15:10        **Multi-proxy record of climate and Holocene palaeohydrological events in SE Wolin Island (Southern Baltic Sea)**  
Anna Pędziszewska, Kamila Mianowicz, Ryszard Krzysztof Borówka and Małgorzata Latałowa
- 15:30        Break

*Chair: Aarno Kotilainen*

- 16:00        **Environmental change during the Holocene in the Baltic Sea based on sediment core analysis of the eastern Gotland Basin**  
Michał Tomczak, Jan Harff, Andrzej Witkowski, Rudolf Endler and Matthias Moros
- 16:20        **Debatable questions of Holocene geological history of the eastern Gulf of Finland**  
Darya Ryabchuk, Vladimir Zhamoida, Mikhail Spiridonov, Elena Nesterova and Andrey Grigoriev
- 16:40        **Lake Hańcza (northeastern Poland) – A new multi-proxy record of late glacial and early Holocene climate and environmental change from the eastern Baltic**  
Stefan Lauterbach, Achim Brauer, Birgit Plessen, Peter Dulski, Katarzyna Zamelczyk, Krystyna Milecka, Tadeusz Namiotko, Matthias Hüls, Nils Andersen, Ulrich von Grafenstein, Dan L. Danielopol and *DecLakes* participants

**MONDAY, 25 May 2009**

- 17:00        **Climatic changes reflected in high-resolution pollen diagram from Lake Hańcza, NE Poland**  
Krystyna Milecka, Milena Obremaska and Kazimierz Tobolski
- 17:20        **Non-stationarities in the circulation-climate-relationship over the Baltic Sea and its effects on reconstructions of climate indices**  
Frederik Schenk, Daniel Hansson, Sebastian Wagner and Eduardo Zorita
- 17:40        *Closing for the Afternoon*
- 19:30        *Evening Lecture*
- Nuclear astrophysics versus global warming**  
Konrad Czerski, Institute of Physics, University of Szczecin
- 20:30        *Closing for the Day*

**TUESDAY, 26 May 2009**

**Session D:** Prehistoric communities and climate change

*Chair: Marian Rebkowski*

- 9:00        *Invited Lecture*  
**Hunting-gathering communities on the Kashubian Shoreland**  
Marcin Waś
- 9:30        **Hunters and fisher in a changing world - Preliminary results of the archaeological fieldwork 2003-2008 of the SINCOS research unit in Wismar Bay, Germany**  
Harald Lübke and Friedrich Lüth
- 9:50        **Palynological data on the Late Mesolithic and the transition to the Neolithic economy in Wolin Island, the Southern Baltic coast**  
Małgorzata Latałowa and Anna Pędziszewska
- 10:10       **Climate change influence on the human settlement in the region of Dziwna River (NW Poland)**  
Marek Dworaczyk, Andrzej Piotrowski, Justyna Relisko-Rybak and Jan Seidler
- 10:30        Break



**TUESDAY, 26 May 2009**

11:00        **Poster Discussion**

See the poster programme on page 8

13:00        Lunch

**Session B: Modelling of past climate change and future projections**

*Chair: Jan Harff*

14:00        *Invited Lecture*

**Contribution of regional climate drivers to future winter Baltic Sea level changes: An application of statistical downscaling to the output of global climate model simulations**

Birgit Hünicke

14:30        **Detailed assessment of climate variability of the Baltic Sea for the period 1950/70-2008**

Andreas Lehmann, Klaus Getzlaff, Jan Harlass and Karl Bumke

14:50        **Contemporary and future changes of snow accumulation of the south-east Baltic region**

Lev Kitaev and Alexander Kislov

15:10        **Variability of droughts in Poland, 1951-2006**

Joanna Wibig and Gintautas Stankunavicius

15:30        Break

*Chair: Eduardo Zorita*

16:00        **Seasonal structural front in the Baltic Sea under changing climate conditions: Field data analysis and numerical modelling results**

Natalia Demchenko and Elena Esiukova

16:20        **The weather generator: A tool for modelling agricultural and socio-economic responses to future climate**

Leszek Kuchar

16:40        **Past and future changes in Latvian river runoff: The cases of Bērze and Salaca river basins**

Elga Apsīte, Anda Bakute and Līga Kurpniece

**TUESDAY, 26 May 2009**

- 17:00        **Mechanisms of formation of the Baltic Sea cold intermediate layer:  
What to expect due to climate warming**  
Irina Chubarenko
- 17:20        **The Fahrenheit scale and three hundred years of thermometry over the  
Baltic Sea**  
Roman Marks
- 17:40        *Closing for the Afternoon*
- 20:00        **Conference Dinner** (Buffet at Szczecin Castle)  
Ceremony of awarding the University of Szczecin Medal  
"SIS QUI ES - PRO PUBLICO BONO" to Professor Jürgen Sündermann

**WEDNESDAY, 27 May 2009**

**Session C:** Climate and anthroposphere interaction

*Chair: Barbara Batóg*

- 9:00        *Invited Lecture*  
**Climate Change: New Challenges for State Geological Surveys of  
Germany**  
Ralf-Otto Niedermeyer
- 9:30        **Impact of climate change on the long-term variability of the ecological  
state of the Curonian Lagoon in the Baltic Sea**  
Sergey Aleksandrov
- 9:50        **Synchronous regime shifts in Baltic Sea ecosystems: Similarities and  
dissimilarities in response to climate, nutrients and fisheries**  
Thorsten Blenckner, Rabea Diekmann, Christian Möllmann, Anna Gårdmark,  
Michele Casini, Lena Bergström, Juha Flinkman, Bärbel Müller-Karulis,  
Martin Lindegren, Georgs Kornilovs and Maris Plikss
- 10:10       **Quantitative inventory of exhaust gas emission from coastal fishing vessels  
in Poland**  
Tadeusz Borkowski and Jarosław Myśków
- 10:30        Break

**WEDNESDAY, 27 May 2009**

*Chair: Maciej Kowalewski*

- 11:00        **On the influence of anthropogenic factors and regional climatic changes on the dynamics of the bottom sediments of the Vistula Lagoon**  
Vladimir Chechko and Viktoria Kurchenko
- 11:20        **Global environmental change and urban climate in central European cities**  
Krzysztof Fortuniak
- 11:40        **Extreme weather event in the Baltic region in July 2006: Its causes and consequences**  
Krzysztof Jarzyna
- 12:00        **Anthropogenic changes in the region of Gdańsk Żuławy (Vistula Delta) resulting from climatic effects**  
Wojciech Majewski
- 12:20        **Climate change and the future of water sports around the Baltic Sea region**  
Ralf Scheibe
- 12:40        Lunch

**Session E: Climate variability and change impacts on Baltic Sea coasts**

*Chair: Peter Fröhle*

- 13:40        *Invited Lecture*  
**Sea level and coastal changes of the southern Baltic Sea during the last 9,000 calendar years and their controlling factors**  
Karol Rotnicki
- 14:10        **Using SEDSIM to predict the response of coastal sediments to climate change in Australia**  
Cedric M. Griffiths, Tristan Salles, Fangjun Li and Chris P. Dyt
- 14:30        **Modelling historical coastline change with SEDSIM: The development of the Darss-Zingst peninsula since 1696 AD**  
Michael Meyer, Jan Harff, Lars Tiepolt and Chris P. Dyt
- 14:50        **From the field to the map: The landslide inventory and geohazard assesment of the steep cliff coast in NE Germany**  
Karsten Obst and Karsten Schütze
- 15:10        Break

**WEDNESDAY, 27 May 2009**

*Chair: Zygmunt Meyer*

- 15:40        **Measured sea level rise at the Baltic Sea coast of Mecklenburg-Vorpommern and implications for the design of coastal structures**  
Steffi Dimke and Peter Fröhle
- 16:00        **Coastal abrasion of the coasts of the Świna Gate Sandbar caused by the heavy storm surge in November 2004**  
Tomasz A. Łabuz and Halina Kowalewska-Kalkowska
- 16:20        **Sand barriers: Disappearing resources; the Hel peninsula case**  
Stanislaw Rudowski, Benedykt Hac, Łukasz Gajewski, Leszek Łęczyński, Jarosław Nowak and Kazimierz Szeffler
- 16:40        **Long-term changes in the rate of coastal erosion in the Kaliningrad Oblast (south-east Baltic)**  
Boris Chubarenko, Eugenii Burnashov, Vadim Boldyrev, Valentina Bobykina and Konstantin Karmanov
- 17:00        **Climate change and anthropogenic impact on bottom sediment environment in recent 30 years, Pearl River Estuary**  
Cheng Tang, Wenhuan Zhan, Zhen Xia and Bjoern Heise
- 17:20        **Closing Ceremony**
- 20:00        **Concert**

**THURSDAY, 28 May 2009**

**All Day Excursions (alternatively)**

- **The inner and outer coasts of Wolin Island**
- **The coasts of Rügen Island**
- **Expedition with R/V NAWIGATOR XXI to the Pomeranian Bay (by invitation only)**

**FRIDAY, 29 May 2009**

**Departure of participants**

## Poster Discussion

**Tuesday, 26 May 2009, 11:00 – 13:00**

Session A: Marine and terrestrial proxies for reconstructions of paleo-climate

Poster A10

**Dating of paleo-shoreline terraces of Lake Lisan high stands**

Shahrazad Abu Ghazleh and Stephan Kempe

Poster A11

**Geomorphic evolution of small river-lake-systems in northeast Germany during the late Quaternary**

Knut Kaiser, Henrik Rothery, Sebastian Lorenz, Peter Gärtner and Ralf Papenroth

Poster A12

**Sediments of the Gulf of Gdańsk as indicator of short term climatic oscillation**

Urszula S. Paczek and Szymon Uścińowicz

Poster A13

**Palaeobiogeochemical data in the models of global and regional climate change**

Anna Y. Romanchuk and Evgeny V. Krasnov

Poster A14

**Paleo-environmental development of the Gdańsk Basin in the Late Pleistocene – Holocene according to the data of investigations of the core-section #303700-7 sampled in R/V Poseidon cruise**

Mikhail Spiridonov, Vladimir Zhamoida, Andrey Grigoriev, Alla Shaparova, Vadim Sivkov and Darya Ryabchuk

Poster A15

**Holocene climate variability on a millennial time scale based on palaeolimnological evidence (Great Poland Lowland)**

Adam Wojciechowski

Session B: Modelling of past climate change and future projections

Poster B10

**Probable response of the Baltic Sea cold intermediate layer to climate warming: Field data analysis and numerical modelling**

Irina Chubarenko, Olga Kozlova and Lilia Sachenko

Poster B11

**Horizontal water exchange within the Baltic Sea: Results of numerical modelling**

Elena Esiukova and Irina Chubarenko

Poster B12

**First-order estimation of climate change influence on the nutrient load from a small river system using a nutrient dynamics model**

Julia Gorbunova and Boris Chubarenko

Poster B13

**Variability of cool, hot and very hot days in the zone of the Polish coast of the Baltic Sea**

Czesław Koźmiński and Bożena Michalska

Poster B14

**Precipitation changes on the Polish coast of the Baltic Sea (1954-2003) caused by the intensity of westerlies over Europe**

Małgorzata Świątek

Poster B15

**Changes of elements of water balance and their forecast against global climate fluctuation**

A. A. Volchek and N. N. Sheshko

Poster B16

**SST retrieval from MSG/SEVIRI data in the Baltic Sea area**

Monika Woźniak

Session C: Climate and anthroposphere interaction

Poster C10

**Development strategies for municipalities of the Kaliningrad Oblast (south-east Baltic) with relation to climate change**

Anastasea Andriashkina, Dmitrii Domnin and Boris Chubarenko

Poster C11

**Change of climate in the Baltic region for the last thousand years**

Galina M. Barinova and Evgeny V. Krasnov

Poster C12

**Analysis of interactions between the level of economic development, industrial production and environmental pollution in the Baltic Sea region**

Jacek Batóg and Barbara Batóg

Poster C13

**Substantiation for climate change at the Lithuanian coast in the south-eastern Baltic**

Inga Dailidienė and Lina Davulienė

Poster C14

**The application of the exploratory factor analysis in the study of heat power costs determinants in housing resources**

Iwona Foryś

## **Poster Discussion** (*continued*)

Poster C15

### **Course of phenological phases of potato and its determination by multiannual variability of air temperature in Poland**

Eliza Kalbarczyk and Robert Kalbarczyk

Poster C16

### **Role of air temperature in shaping variability of phenological dates of onion and cucumber in Poland**

Robert Kalbarczyk

Poster C17

### **Coastal communities and climate change: Discussing environmental risk and perspectives of tourism development in sociological terms**

Maciej Kowalewski and Sebastian Kołodziejczak

Poster C18

### **The use of geo-statistical methods in the analysis of changes in the erosive and accumulative systems of the southern Baltic Sea**

Wojciech Kuźmiński and Dariusz Kłoskowski

Poster C19

### **Sea erosion -Present state and simulation of coastal changes in the southern Baltic Sea**

Christian Lis and Dariusz Kłoskowski

Poster C20

### **Theoretical foundations of common programme of the insurance sector**

Mieczysław Łozowski, Zdzisław Obstawski and Magdalena Mojsiewicz

Poster C21

### **Insurability of agricultural production in the region of Poland**

Mieczysław Łozowski, Zdzisław Obstawski and Magdalena Mojsiewicz

Poster C22

### **Indicators for Integrated Coastal Zone Management in the south-eastern Baltic**

Rosita Mileriene, Saulius Gulbinskas, Blazauskas Nerijus and Inga Dailidiene

Poster C23

### **Is the European blocking the precursor for the droughts in the southern Baltic region?**

Gintautas Stankunavicius and Joanna Wibig

## Session D: Prehistoric communities and climate change

Poster D05

### **Climate change influence on the human settlement in the region of the Świna River Gate (NW Poland)**

Andrzej Piotrowski, Marek Dworaczyk, Justyna Relisko-Rybak and Jan Seidler

Poster D06

**Climate changes and the prehistoric exploitation of siliceous raw materials: Pomeranian and European perspectives**

Mikołaj Urbanowski

Session E: Climate variability and change impacts on Baltic Sea coasts

Poster E10

**Development of conceptions of alongshore sediment drifts structure and coast defence strategy under rising sea level**

Alexander Babakov

Poster E11

**Present sea coast condition of the south-eastern Baltic Sea according to remote sensing and monitoring data**

Valentina Bobykina, Vadim Boldyrev and Konstantin Karmanov

Poster E12

**Development over time of the Pleistocene outcrops at the steep coast of the Stoltera west of the harbour Rostock-Warnemünde**

Johannes Brumme, Karsten Schütze and Heiko Hüneke

Poster E13

**Is the 8200 cal y BP climatic event recorded in the southern Baltic Sea lagoon deposits? Microfossil-based (diatoms, cladocera) study on the Rega river valley**

Bernard Cedro, Andrzej Witkowski, Agnieszka Kierzek, Edyta Zawisza and Anna Pędziszewska

Poster E14

**A laser scanning application for volumetric changes of the beach and dune analyses**

Joanna Dudzińska-Nowak and Kazimierz Furmańczyk

Poster E15

**Application of MODIS satellite data for the analysis of coastal water dynamics and suspended matter distribution in the south-east Baltic Sea**

Evgenia Gurova

Poster E16

**Sinking coasts - Geosphere, ecosphere and anthroposphere of the Holocene southern Baltic Sea (SINCOS)**

Jan Harff, Reinhard Dietrich, Friedrich Lüth and Eduardo Zorita

Poster E17

**Soft-sediment deformation in Pleistocene sediments on the SW Baltic Sea (NE Germany) – Evidence for neotectonic activity**

Gösta Hoffmann and Klaus Reicherter



## **Poster Discussion** (*continued*)

Poster E18

### **How stable is the cliff north of the ‘Königsstuhl’ (Jasmund/Rügen)? – Coastal evolution during the last 50 years**

Michael Kenzler, Karsten Obst, Heiko Hüneke and Karsten Schütze

Poster E19

### **Extreme storm surges in winter 2007 in the Pomeranian Bay and Szczecin Lagoon and their modelling**

Halina Kowalewska-Kalkowska and Marek Kowalewski

Poster E20

### **Palynological determination of the age and ecological character of sediment series in the Szczecin Lagoon, southern Baltic Sea**

Malgorzata Latałowa, Anna Pędziszewska, Marcelina Zimny, Dawid Weisbrodt and Ryszard K. Borówka

Poster E21

### **The sea-defence function of coastal brackish grasslands and reed beds at the southern Baltic Sea region**

Jasmin Lenzion, Iris Möller, Tom Spencer, Adrian Hayes and Stefan Zerbe

Poster E22

### **Historical tsunami events on the southern Baltic coast**

Andrzej Piotrowski

Poster E23

### **A morphotectonic map of the European lowland area, sheets Szczecin, Dziwnów – Preliminary report**

Andrzej Piotrowski and Justyna Relisko-Rybak

Poster E24

### **Luminescence dating of coastal sand deposits from the Baltic Sea - Examples from Darss-Zingst and Świna Gate**

Tony Reimann, Jan Harff, Ryszard Borówka, Krystyna Osadczuk and Sumiko Tsukamotołga

Poster E25

### **The extreme storm surge at the German coasts of the Baltic Sea in November 1872 - Reanalysis of the wind fields for coastal purposes**

Gudrun Rosenhagen and Ingrid Bork

Poster E26

### **The state of Cape Hel**

Stanisław Rudowski and Maria Rucińska-Zjadacz

Poster E27

### **Analysis of changes in meteorological and hydrological characteristics for marine coasts and lagoons in the Kaliningrad Oblast (south-east Baltic)**

Zhanna Stont and Boris Chubarenko

**Poster Discussion** (*continued*)

Poster E28

**Sedimentary structures of the coastal zone in the area of Pogorzelica, Poland**

Paweł Sydor, Anna Mańkowska, Tomasz A. Łabuz and Stanisław Musielak

Poster E29

**On the move: The steep cliff coast of Jasmund (Rügen Island)**

Maria Wahle and Karsten Obst

Poster E30

**The influence of the North Atlantic Oscillation on air temperature and precipitation along the southern Baltic Sea coast**

Szymon Walczakiewicz, Piotr Łaniewski and Roman Marks

Poster E31

**Maximum and minimum sea levels on the Polish coast**

Bernard Wiśniewski and Tomasz Wolski

Poster E32

**A long-term morphodynamic model and its application to the southern Baltic coast**

Wenyan Zhang, Jan Harff and Chaoyu Wu

**List of Participants  
(as of 11 May)**

Mokom Nico Achiri	Commune, Arrondissement de Yaoundé Ier, Yaoundé, Cameroon <a href="mailto:acommune@yahoo.fr">acommune@yahoo.fr</a>
Sergey Aleksandrov	Atlantic Research Institute of Marine Fisheries and Oceanography AtlantNIRO, Kaliningrad, Russia <a href="mailto:hydrobio@mail.ru">hydrobio@mail.ru</a>
Anastasiya Andriashkina	Atlantic Branch of P.P. Shirshov Institute of Oceanology of RAS, Kaliningrad, Russia <a href="mailto:annasta_sea@mail.ru">annasta_sea@mail.ru</a>
Elga Apsite	University of Latvia, Faculty of Geographical and Earth Sciences, Riga, Latvia <a href="mailto:elga_apsite@lu.lv">elga_apsite@lu.lv</a>
Alexander Babakov	Atlantic Branch of P.P. Shirshov Institute of Oceanology of RAS, Kaliningrad, Russia <a href="mailto:Babakov_temp@mail.ru">Babakov_temp@mail.ru</a>
Oksana Balabay	V.N. Karazin National University, Economics, Kharkiv, Ukraine <a href="mailto:vikram_992003@yahoo.co.in">vikram_992003@yahoo.co.in</a>
Galina Barinova	Immanuel Kant State University of Russia, Department of Geology, Kaliningrad, Russia <a href="mailto:ecogeography@rambler.ru">ecogeography@rambler.ru</a>
Jacek Batóg	University of Szczecin, Department of Econometrics and Statistics, Szczecin Poland <a href="mailto:batog@wneiz.pl">batog@wneiz.pl</a>
Henning Baudler	Universität Rostock, Biologische Station, Angewandte Ökologie, Ostseeheilbad Zingst, Germany <a href="mailto:henning.baudler@uni-rostock.de">henning.baudler@uni-rostock.de</a>
Aliaksandr Behanski	The Belarus Hydrometeorological Center, Department of Weather Forecast, Minsk, Belarus <a href="mailto:sin0@by.mecom.ru">sin0@by.mecom.ru</a>
Svante Björck	Lund University, GeoBiosphere Science Centre, Department of Geology, Quaternary Sciences, Lund, Sweden <a href="mailto:svante.bjorck@geol.lu.se">svante.bjorck@geol.lu.se</a>
Thorsten Blenckner	Baltic Nest Institute, Stockholm Resilience Centre, Stockholm University Stockholm, Sweden <a href="mailto:tblen@mbox.su.se">tblen@mbox.su.se</a>
Valentina Bobykina	Atlantic Branch of P.P. Shirshov Institute of Oceanology of RAS, Kaliningrad, Russia <a href="mailto:bobyval@mail.ru">bobyval@mail.ru</a>
Vadim Boldyrev	Institute Oceanology of the P.P. Shirshov of RAS, Atlantic Branch, Kaliningrad, Russia <a href="mailto:Vadim_Boldyrev@mail.ru">Vadim_Boldyrev@mail.ru</a>
Tadeusz Borkowski	Maritime University, Maritime Engineering, Szczecin, Poland <a href="mailto:borkowski@am.szczecin.pl">borkowski@am.szczecin.pl</a>

Ryszard Krzysztof Borówka University of Szczecin, Faculty of Geosciences, Department of Geology and Palaeogeography, Szczecin, Poland  
[geologia@univ.szczecin.pl](mailto:geologia@univ.szczecin.pl)

Achim Brauer GFZ German Research Centre for Geosciences, Climate Dynamics and Landscape Evolution, Potsdam, Germany  
[brau@gfz-potsdam.de](mailto:brau@gfz-potsdam.de)

Johannes Brumme Institut für Geographie und Geologie, Geologie, Greifswald, Germany  
[jb051365@uni-greifswald.de](mailto:jb051365@uni-greifswald.de)

Karolina Brzozowska University of Szczecin, Department of Geology and Palaeogeography Szczecin, Poland  
[karobb@poczta.onet.pl](mailto:karobb@poczta.onet.pl)

Evgeny Burnashov Atlantic Branch of P.P. Shirshov Institute of Oceanology of RAS, Kaliningrad, Russia  
[burnashov\\_neo@mail.ru](mailto:burnashov_neo@mail.ru)

Bernard Cedro University of Szczecin, Department of Geology and Palaeogeography, Szczecin, Poland

Vladimir Checkko Atlantic Branch of P.P. Shirshov Institute of Oceanology of RAS, Kaliningrad, Russia  
[che-chko@mail.ru](mailto:che-chko@mail.ru)

Irina Chubarenko Atlantic Branch of P.P. Shirshov Institute of Oceanology of RAS, Kaliningrad, Russia  
[irina\\_chubarenko@mail.ru](mailto:irina_chubarenko@mail.ru)

Boris Chubarenko Atlantic Branch of P.P. Shirshov Institute of Oceanology of RAS, Kaliningrad, Russia  
[chuboris@mail.ru](mailto:chuboris@mail.ru)

Konrad Czerski Institute of Physics, University of Szczecin, Szczecin, Poland  
[czerski@physik.tu-berlin.de](mailto:czerski@physik.tu-berlin.de)

Inga Dailidienė Klaipėda University, Geophysical Sciences, Klapėda, Lithuania  
[inga.dailidienė@ku.lt](mailto:inga.dailidienė@ku.lt)

Natalia Demchenko Atlantic Branch of P.P. Shirshov Institute of Oceanology of RAS, Kaliningrad, Russia  
[ndemchenko@mail.ru](mailto:ndemchenko@mail.ru)

Steffi Dimke University of Rostock, Coastal Engineering Group, Rostock, Germany  
[steffi.dimke@uni-rostock.de](mailto:steffi.dimke@uni-rostock.de)

Dmitry Domnin Atlantic Branch of P.P. Shirshov Institute of Oceanology of RAS, Kaliningrad, Russia  
[dimanisha@rambler.ru](mailto:dimanisha@rambler.ru)

Joanna Dudzińska-Nowak University of Szczecin, Department of Remote Sensing and Marine Cartography, Szczecin, Poland  
[jotde@univ.szczecin.pl](mailto:jotde@univ.szczecin.pl)

Marek Dworaczyk Institute of Archaeology and Ethnology, Polish Academy of Science, Branch Szczecin, Poland  
[klimet@univ.szczecin.pl](mailto:klimet@univ.szczecin.pl)

Oludare Enitan Institute for Agricultural Research and Training, Agro-Meteorology, Ibadan, Nigeria  
[enitanabiona@yahoo.com](mailto:enitanabiona@yahoo.com)

Elena Esiukova	Atlantic Branch of P.P. Shirshov Institute of Oceanology of RAS, Kaliningrad, Russia <a href="mailto:elena_esiukova@mail.ru">elena_esiukova@mail.ru</a>
Olufemi Fadesoso	Famad Network Communications, Admin, Ibadan, Nigeria <a href="mailto:admin@famadnetwork.com">admin@famadnetwork.com</a>
Janusz Filipiak	University of Gdansk, Meteorology and Climatology, Gdańsk, Poland <a href="mailto:filipiak@ug.edu.pl">filipiak@ug.edu.pl</a>
Krzysztof Fortuniak	University of Lodz, Meteorology and Climatology, Lodz, Poland <a href="mailto:kfortun@uni.lodz.pl">kfortun@uni.lodz.pl</a>
Iwona Foryś	University of Szczecin, Statistic and Econometric, Szczecin, Poland <a href="mailto:iwonafor@poczta.onet.pl">iwonafor@poczta.onet.pl</a>
Peter Fröhle	University of Rostock, Institut für Umweltingenieurwesen, Rostock, Germany <a href="mailto:peter.froehle@uni-rostock.de">peter.froehle@uni-rostock.de</a>
Kazimierz Furmańczyk	University of Szczecin, Department of Remote Sensing and Marine Cartography, Institute of Marine Sciences, Szczecin, Poland <a href="mailto:kaz@univ.szczecin.pl">kaz@univ.szczecin.pl</a>
Stanisław Gawłowski	Secretary of State, Ministry of the Environment, Warszawa, Poland <a href="mailto:anna.hammer@mos.gov.pl">anna.hammer@mos.gov.pl</a>
Nataliia Gerasymenko	National University of Life and Environmental Sciences of Ukraine, Kiev, Ukraine <a href="mailto:natali_gerasimenko@ukr.net">natali_gerasimenko@ukr.net</a>
Julia Gorbunova	Atlantic Branch of P.P. Shirshov Institute of Oceanology of RAS, Kaliningrad, Russia <a href="mailto:julia_gorbunova@mail.ru">julia_gorbunova@mail.ru</a>
Michael Gordon	Bamah Investment Limited, Engineering, Lagos, Nigeria <a href="mailto:bamahtechonology@gmail.com">bamahtechonology@gmail.com</a>
Anne Graff	University of Bremen, Marum, Bremen, Germany <a href="mailto:agraff@marum.de">agraff@marum.de</a>
Cedric Griffiths	CSIRO, Predictive Geoscience Group, Kensington, Australia <a href="mailto:cedric.griffiths@csiro.au">cedric.griffiths@csiro.au</a>
Evgenia Gurova	Atlantic Branch of P.P. Shirshov Institute of Oceanology of RAS, Kaliningrad, Russia <a href="mailto:jessica_geo@mail.ru">jessica_geo@mail.ru</a>
Jan Harff	University of Szczecin, Institute for Marine Sciences, Szczecin, Poland <a href="mailto:jan.harff@univ.szczecin.pl">jan.harff@univ.szczecin.pl</a>
Goesta Hoffmann	German University of Technology, Department of Applied Geosciences, Muscat, Oman <a href="mailto:goesta.hoffmann@gutech.edu.om">goesta.hoffmann@gutech.edu.om</a>
Birgit Hünicke	GKSS Reseach Centre, Institute for Coastal Research, Geesthacht, Germany <a href="mailto:birgit.huenicke@gkss.de">birgit.huenicke@gkss.de</a>
Władysław Husejko	Marshal of the Province of Western Pomerania, Poland
Elizebeth Igumbor	N/A, Agege, Lagos, Nigeria <a href="mailto:oarasaq@yahoo.com">oarasaq@yahoo.com</a>

Hans-Joerg Isemer	GKSS Research Center, International BALTEX Secretariat, Geesthacht, Germany <a href="mailto:isemer@gkss.de">isemer@gkss.de</a>
Krzysztof Jarzyna	The Jan Kochanowski University of Humanities and Sciences, Institute of Geography, Kielce, Poland <a href="mailto:jarzynak@pu.kielce.pl">jarzynak@pu.kielce.pl</a>
Karoline Kabel	Leibnitz Institute for Baltic Sea Research, Marine Geology, Rostock, Germany <a href="mailto:karoline.kabel@io-warnemuende.de">karoline.kabel@io-warnemuende.de</a>
Knut Kaiser	German Academy of Science and Engineering, German Research Center for Geosciences, Potsdam, Germany <a href="mailto:kaiser@acatech.de">kaiser@acatech.de</a>
Eliza Kalbarczyk	West Pomeranian University of Technology, Department of Meteorology and Climatology Szczecin, Poland <a href="mailto:eliza.kalbarczyk@agro.ar.szczecin.pl">eliza.kalbarczyk@agro.ar.szczecin.pl</a>
Robert Kalbarczyk	West Pomeranian University of Technology, Department of Meteorology and Climatology Szczecin, Poland <a href="mailto:robert.kalbarczyk@agro.ar.szczecin.pl">robert.kalbarczyk@agro.ar.szczecin.pl</a>
Konstantin Karmanov	Atlantic Branch of P.P. Shirshov Institute of Oceanology of RAS, Kaliningrad, Russia <a href="mailto:mr.pocket1224@mail.ru">mr.pocket1224@mail.ru</a>
Blaise Kayiba Tshimanga	Association des Badinga du Congo, Executive Office, Kinshasa, Democratic Republic of Congo <a href="mailto:blaise_kayiba@yahoo.fr">blaise_kayiba@yahoo.fr</a>
Therese Kayumba Machozi	Association des Badinga du Congo, Climate change, Kinshasa Democratic Republic of Congo <a href="mailto:badingac@yahoo.fr">badingac@yahoo.fr</a>
Michael Kenzler	Institut für Geographie und Geologie, Universität Greifswald, Geodynamic, Greifswald, Germany <a href="mailto:edekenzler@web.de">edekenzler@web.de</a>
Lev Kitaev	Institute of Geography, Russian Academy of Sciences, Moscow, Russia <a href="mailto:lkitaev@mail.ru">lkitaev@mail.ru</a>
Sebastian Kołodziejczak	University of Szczecin, Institute of Sociology, Szczecin, Poland <a href="mailto:seb@px.pl">seb@px.pl</a>
Robert Kostecki	Adam Mickiewicz University, Department Of Quaternary Geology and Paleogeography, Poznan, Poland <a href="mailto:kostecki@amu.edu.pl">kostecki@amu.edu.pl</a>
Aarno Kotilainen	Geological Survey of Finland, Marine Geology and Geophysics, Espoo, Finland <a href="mailto:aarno.kotilainen@gtk.fi">aarno.kotilainen@gtk.fi</a>
Mia Kotilainen	University of Helsinki, Department of Geology, Helsinki, Finland <a href="mailto:mia.kotilainen@helsinki.fi">mia.kotilainen@helsinki.fi</a>
Halina Kowalewska-Kalkowska	University of Szczecin, Institute of Marine Sciences, Szczecin, Poland <a href="mailto:halkalk@univ.szczecin.pl">halkalk@univ.szczecin.pl</a>
Maciej Kowalewski	University of Szczecin, Institute of Sociology, Szczecin, Poland <a href="mailto:massjo@tinteria.pl">massjo@tinteria.pl</a>

Olga Kozlova Atlantic Branch of P.P. Shirshov Institute of Oceanology of RAS,  
Kaliningrad, Russia  
[olga\\_may87@mail.ru](mailto:olga_may87@mail.ru)

Evgeny Krasnov Immanuel Kant State University of Russia, Department of Geoecology,  
Kaliningrad, Russia  
[ecogeography@rambler.ru](mailto:ecogeography@rambler.ru)

Piotr Krzystek Major of the City of Szczecin, Poland

Leszek Kuchar University of Life and Environmental Sciences, Applied Mathematics,  
Wroclaw, Poland  
[leszek.kuchar@gmail.com](mailto:leszek.kuchar@gmail.com)

Viktoria Kurchenko Atlantic Branch of P.P. Shirshov Institute of Oceanology of RAS,  
Kaliningrad, Russia  
[piwis@mail.ru](mailto:piwis@mail.ru)

Wojciech Kuźmiński Faculty of Economics and Management, Department of Econometrics and  
Statistics, Szczecin, Poland  
[pyrzyce@gmail.com](mailto:pyrzyce@gmail.com)

Tomasz Łabuz University of Szczecin, Institute of Marine Sciences, Szczecin, Poland  
[labuztom@univ.szczecin.pl](mailto:labuztom@univ.szczecin.pl)

Małgorzata Latałowa University of Gdansk, Plant Ecology, Gdansk, Poland  
[bioml@univ.gda.pl](mailto:bioml@univ.gda.pl)

Stefan Lauterbach Helmholtz Centre Potsdam, German Research Centre for Geosciences (GFZ)  
Potsdam, Germany  
[slauter@gfz-potsdam.de](mailto:slauter@gfz-potsdam.de)

Andreas Lehmann Leibnitz-Institute of Marine Sciences, Ocean Circulation and Climate  
Dynamics, Kiel, Germany  
[alehmann@ifm-geomar](mailto:alehmann@ifm-geomar)

Jasmin Lenzion University of Greifswald, Institute for Botany and Landscape Ecology,  
Greifswald, Germany  
[lenzion@uni-greifswald.de](mailto:lenzion@uni-greifswald.de)

Christian Lis University of Szczecin, Faculty of Economics and Management, Department  
of Econometrics and Statistics, Szczecin, Poland  
[chrislis@uoo.univ.szczecin.pl](mailto:chrislis@uoo.univ.szczecin.pl)

Jerry Lloyd Durham University, Department of Geography, Durham, United Kingdom  
[j.m.lloyd@durham.ac.uk](mailto:j.m.lloyd@durham.ac.uk)

Benjamin Lukoki Mpindi United Nations Development, UNDP, Kinshasa, Republic Democratic of  
Congo  
[blukoki@yahoo.fr](mailto:blukoki@yahoo.fr)

Rehama Lule St. Nickolus Health Care Trust, Kampala, Uganda  
[sulamuwonge@yahoo.com](mailto:sulamuwonge@yahoo.com)

Monika Lutyńska Adam Mickiewicz University, Department of Quaternary Geology and  
Paleogeography, Poznan, Poland  
[lutyńska@amu.edu.pl](mailto:lutyńska@amu.edu.pl)

Wojciech Majewski Institute of Meteorology and Water Management, Warsaw, Poland  
[wmaj@ibwpan.gda.pl](mailto:wmaj@ibwpan.gda.pl)

Ayamo Clementina Mampo	Institute of Agricultural Research for Development (IRAD), Research, Buea, Cameroon <a href="mailto:iradcm@gmail.com">iradcm@gmail.com</a>
Roman Marks	University of Szczecin, Institute of Marine and Coastal Sciences, Szczecin, Poland <a href="mailto:marks@univ.szczecin.pl">marks@univ.szczecin.pl</a>
Michael Meyer	Leibnitz Institute for Baltic Sea Research, Marine Geology, Rostock, Germany <a href="mailto:michael.meyer@io-warnemuende.de">michael.meyer@io-warnemuende.de</a>
Zygmund Meyer	Szczecin Technical University, Department of Geotechnics, Szczecin, Poland <a href="mailto:ula@ps.pl">ula@ps.pl</a>
Kamila Mianowicz	Faculty of Geosciences, Geology and Palaeogeography, Szczecin, Poland <a href="mailto:jones_i@wp.pl">jones_i@wp.pl</a>
Krystyna Milecka	Adam Mickiewicz University, Department Biogeography and Palaeoecology, Poznan, Poland <a href="mailto:milecka@amu.edu.pl">milecka@amu.edu.pl</a>
Matthias Moros	Leibnitz Institute for Baltic Sea Research, Marine Geology, Rostock, Germany <a href="mailto:matthias.moros@io-warnemuende.de">matthias.moros@io-warnemuende.de</a>
Matthias Mossbauer	Leibnitz Institute for Baltic Sea Research, Bio, Rostock, Germany <a href="mailto:matthias.mossbauer@io-warnemuende.de">matthias.mossbauer@io-warnemuende.de</a>
Stanisław Musielak	University of Szczecin, Institute of Marine Sciences, Szczecin, Poland <a href="mailto:muss@univ.szczecin.pl">muss@univ.szczecin.pl</a>
Ismail Musthafa	Interworld Education Consultant, Kandi, Sri Lanka <a href="mailto:hammud2000@yahoo.com">hammud2000@yahoo.com</a>
Kai Myrberg	Finnish Environment Institute, Marine Research Centre, Helsinki, Finland <a href="mailto:kai.myrberg@ymparisto.fi">kai.myrberg@ymparisto.fi</a>
Thomas Neumann	Leibnitz Institute for Baltic Sea Research Warnemünde, Physical Oceanography, Rostock, Germany <a href="mailto:thomas.neumann@io-warnemuende.de">thomas.neumann@io-warnemuende.de</a>
Stephen Nganju	IRAD- Cameroon, Research, Buea, Cameroon <a href="mailto:iradcm@gmail.com">iradcm@gmail.com</a>
Ralf-Otto Niedermeyer	State Authority for Environment, Nature Protection and Geology of Mecklenburg-Vorpommern, Güstrow, Germany <a href="mailto:ralf-otto.niedermeyer@lung.mv-regierung.de">ralf-otto.niedermeyer@lung.mv-regierung.de</a>
Alpha Saad Njie	Childrens Alliance for Protection of Environment-Gambia, Banjul, Gambia <a href="mailto:cape@gamtel.gm">cape@gamtel.gm</a>
Milena Obremaska	Adam Mickiewicz University in Poznan, Department of Biogeography and Palaeoecology, Poznan, Poland <a href="mailto:milena@amu.edu.pl">milena@amu.edu.pl</a>
Karsten Obst	Lung M-V, Geological Survey, Güstrow, Germany <a href="mailto:karsten.obst@lung.mv-regierung.de">karsten.obst@lung.mv-regierung.de</a>
Ayinla Odutola	Tshwane University of Technology, Urban and regional planning, Pretoria, South-Africa <a href="mailto:david_fd@yahoo.com">david_fd@yahoo.com</a>



Olakunle Francis Omidiora	Katholieke University Leuven Belgium, Earth and Environmental Science, Bertem, Belgium <a href="mailto:olakunlefrancis@yahoo.com">olakunlefrancis@yahoo.com</a>
Krystyna Osadczyk	University of Szczecin, Institute of Marine Sciences, Szczecin, Poland <a href="mailto:osadczyk@univ.szczecin.pl">osadczyk@univ.szczecin.pl</a>
Urszula Pączek	University of Gdansk, Institute of Oceanography, Department of Marine Geology, Gdynia, Poland <a href="mailto:upaczek@gmail.com">upaczek@gmail.com</a>
Anna Pędziszewska	University of Gdansk, Department of Plant Ecology, Gdansk, Poland <a href="mailto:zula100@wp.pl">zula100@wp.pl</a>
Kerstin Perner	Leibnitz Institute for Baltic Sea Research, Marine Geology, Rostock, Germany <a href="mailto:kerstin.perner@io-warnemuende.de">kerstin.perner@io-warnemuende.de</a>
Andrzej Piotrowski	Polish Geological Institute, Marine Geology Branch in Gdansk, Regional Department of Pomeranian Geology, Szczecin, Poland <a href="mailto:andrzej.piotrowski@pgi.gov.pl">andrzej.piotrowski@pgi.gov.pl</a>
Teresa Radziejewska	University of Szczecin, Palaeoceanology Unit, Szczecin, Poland <a href="mailto:tera@univ.szczecin.pl">tera@univ.szczecin.pl</a>
Marian Rębkowski	University of Szczecin, Szczecin, Poland <a href="mailto:marian.rebkowski@univ.szczecin.pl">marian.rebkowski@univ.szczecin.pl</a>
Marcus Reckermann	GKSS Research Centre, International BALTEX Secretariat, Geesthacht, Germany <a href="mailto:marcus.reckermann@gkss.de">marcus.reckermann@gkss.de</a>
Tony Reimann	Leibnitz Institute for Applied Geophysics, Geochronology and Isotophydrology, Hannover, Germany <a href="mailto:Tony.Reimann@liag-hannover.de">Tony.Reimann@liag-hannover.de</a>
Anna Romanchuk	Immanuel Kant State University of Russia, Department of Geoecology, Kaliningrad, Russia <a href="mailto:ecogeography@rambler.ru">ecogeography@rambler.ru</a>
Gudrun Rosenhagen	Deutscher Wetterdienst, Climate Monitoring, Hamburg, Germany <a href="mailto:gudrun.rosenhagen@dwd.de">gudrun.rosenhagen@dwd.de</a>
Karol Rotnicki	Szczecin University, Faculty of Geosciences, Szczecin, Poland <a href="mailto:rotnicki@amu.edu.pl">rotnicki@amu.edu.pl</a>
Stanisław Rudowski	Maritime Institute in Gdansk, Operational Oceanography, Gdansk, Poland <a href="mailto:starud@im.gda.pl">starud@im.gda.pl</a>
Daria Ryabchuk	A.P. Karpinsky Russian Geological Research Institute (VSEGEI), Marine and Environmental Geology, St. Petersburg, Russia <a href="mailto:Daria_Ryabchuk@mail.ru">Daria_Ryabchuk@mail.ru</a>
Ralf Scheibe	Greifswald University, Geography, Greifswald, Germany <a href="mailto:ralf.scheibe@uni-greifswald.de">ralf.scheibe@uni-greifswald.de</a>
Frederik Schenk	GKSS Research Center Geesthacht, Paleoclimate, Geesthacht, Germany <a href="mailto:frederik.schenk@gkss.de">frederik.schenk@gkss.de</a>
Alhalji Alhassan Sesay	African Youth Unite for Change Sierra Leone, FreeTown, Sierra Leone <a href="mailto:ayucsl2007@gmail.com">ayucsl2007@gmail.com</a>

Simo Simplicie Simo	Commune Arrondissement de Yaoundé, Research, Yaoundé, Cameroon <a href="mailto:acommune@yahoo.fr"><u>acommune@yahoo.fr</u></a>
Yolande Soki Matondo	Association des Badinga du Congo, Kinshasa, Democratic Republic of Congo <a href="mailto:badingac@yahoo.fr"><u>badingac@yahoo.fr</u></a>
Gintautas Stankunavicius	Vilnius University, Hydrology and Climatology, Vilnius, Lithuania <a href="mailto:gintas.stankunavicius@gf.vu.lt"><u>gintas.stankunavicius@gf.vu.lt</u></a>
Zhanna Stont	Atlantic Branch of P.P. Shirshov Institute of Oceanology of RAS, Laboratory for Marine Meteorology, Kaliningrad, Russia <a href="mailto:stont@atlas.baltnet.ru"><u>stont@atlas.baltnet.ru</u></a>
Oda Störmer	IO-Warnemünde, Coastal Zone Research and Management, Warnemünde, Germany <a href="mailto:odastoermer@googlemail.com"><u>odastoermer@googlemail.com</u></a>
Christian Svenson	University of Bremen, MARUM –Center for Marine Environmental Sciences, Bremen, Germany <a href="mailto:svenson@uni-bremen.de"><u>svenson@uni-bremen.de</u></a>
Małgorzata Świątek	University of Szczecin, Department of Hydrology and Water Management, Szczecin, Poland <a href="mailto:m.a.swiatek@gmail.com"><u>m.a.swiatek@gmail.com</u></a>
Paweł Sydor	University of Szczecin, Institute of Marine Sciences, Szczecin, Poland <a href="mailto:paulus01@op.pl"><u>paulus01@op.pl</u></a>
Kazimierz Szeffler	Maritime Institute in Gdansk, Operational Oceanography, Gdansk, Poland <a href="mailto:kaszef@im.gda.pl"><u>kaszef@im.gda.pl</u></a>
Cheng Tang	Yantai Institute of Coastal Zone Research for Sustainable Development, Yantai, China <a href="mailto:ctang@yic.ac.cn"><u>ctang@yic.ac.cn</u></a>
Andres Tarand	Head of the PES Estonian Delegation, European Parliament, Brussels, Belgium <a href="mailto:andres.tarand.001@mail.ee"><u>andres.tarand.001@mail.ee</u></a>
Waldemar Tarczyński	Rector of the University of Szczecin, Poland
Nwanze Timothy	N/A, Agege, Lagos, Nigeria <a href="mailto:oarasaq@yahoo.com"><u>oarasaq@yahoo.com</u></a>
Michał Tomczak	Polish Geological Institute, University of Szczecin, Szczecin, Poland <a href="mailto:tomcz.michal@gmail.com"><u>tomcz.michal@gmail.com</u></a>
Stefan Trzeciak	Maritime University of Szczecin, Poland <a href="mailto:inm@am.szczecin.pl"><u>inm@am.szczecin.pl</u></a>
Alexey Trifanenkov	Atlantic Branch of P.P. Shirshov Institute of Oceanology of RAS, Kaliningrad, Russia <a href="mailto:ovt171962@rambler.ru"><u>ovt171962@rambler.ru</u></a>
Oxana Trifanenkova	Atlantic Branch of P.P. Shirshov Institute of Oceanology of RAS, Kaliningrad, Russia <a href="mailto:ovt171962@rambler.ru"><u>ovt171962@rambler.ru</u></a>
Osaretin Emmanuel Ugbo	Ternopil State Technical University, Computer Science, Ternopil, Ukraine <a href="mailto:osascy2000@yahoo.com"><u>osascy2000@yahoo.com</u></a>

Mikołaj Urbanowski	Szczecin University, Archaeological Department, Szczecin, Poland <a href="mailto:m.urbanowski@univ.szczecin.pl">m.urbanowski@univ.szczecin.pl</a>
Szymon Uścińowicz	Polish Geological Institute, Branch of Marine Geology, Gdansk, Poland <a href="mailto:suscinowicz@pgi.gda.pl">suscinowicz@pgi.gda.pl</a>
Bodo von Bodungen	Leibniz Baltic Sea Research Institute, Biological Oceanography, Rostock, Germany <a href="mailto:bodo.bodungen@io-warnemuende.de">bodo.bodungen@io-warnemuende.de</a>
Hans von Storch	GKSS Research Center, Institute of Coastal Research, Geesthacht, Germany <a href="mailto:hvonstorch@web.de">hvonstorch@web.de</a>
Szymon Walczakiewicz	University of Szczecin, Institute of Marine Sciences, Szczecin, Poland <a href="mailto:szymon.walczakiewicz@univ.szczecin.pl">szymon.walczakiewicz@univ.szczecin.pl</a>
Marcin Wąs	Institute of Archaeology, University of Gdansk, Gdansk, Poland <a href="mailto:was.marcin@wp.pl">was.marcin@wp.pl</a>
Joanna Waniek	IOW, Marine Chemistry, Rostock, Germany <a href="mailto:joanna.waniek@io-warnemuende.de">joanna.waniek@io-warnemuende.de</a>
Dawid Weisbrodt	University of Gdansk, Department of Plant Ecology, Laboratory of Palaeoecology, Gdansk, Poland <a href="mailto:dawid.weisbrodt@gmail.com">dawid.weisbrodt@gmail.com</a>
Joanna Wibig	University of Lodz, Department of Meteorology and Climatology, Lodz, Poland <a href="mailto:zameteo@uni.lodz.pl">zameteo@uni.lodz.pl</a>
Bernard Wiśniewski	University of Szczecin, Institute of Marine Sciences, Szczecin, Poland <a href="mailto:natal@univ.szczecin.pl">natal@univ.szczecin.pl</a>
Andrzej Witkowski	University of Szczecin, Palaeoceanology Unit, Szczecin, Poland <a href="mailto:witkowsk@univ.szczecin.pl">witkowsk@univ.szczecin.pl</a>
Sylwia Wochna-Bartnik	University of Szczecin, Institute of Marine Sciences, Szczecin, Poland <a href="mailto:sylvi@univ.szczecin.pl">sylvi@univ.szczecin.pl</a>
Adam Wojciechowski	Pomeranian Academy, Geomorphology and Quaternary Geology, Słupsk, Poland <a href="mailto:adam.woj@vp.pl">adam.woj@vp.pl</a>
Monika Woźniak	University of Gdansk, Department of Physical Oceanography, Gdansk, Poland <a href="mailto:moniawozniak@gmail.com">moniawozniak@gmail.com</a>
Vladimir Zhamoida	Russian Research Geological Institute (VSEGEI), Department of Regional Geocology and Marine Geology, St. Petersburg, Russia <a href="mailto:Vladimir_Zhamoida@vsegei.ru">Vladimir_Zhamoida@vsegei.ru</a>
Wenyan Zhang	Center for Coastal Ocean Science and Technology Research, Engineering, Guangzhou, China <a href="mailto:zhweny@mail2.sysu.edu.cn">zhweny@mail2.sysu.edu.cn</a>
Eduardo Zorita	GKSS Research Centre, Palaeoclimate, Geesthacht, Germany <a href="mailto:eduardo.zorita@gkss.de">eduardo.zorita@gkss.de</a>