

# THE BALTIC CLIMATE SCHOOL

The Baltic Climate School 2025

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on behalf of Anna Ushakova

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**Interreg**  
Baltic Sea Region



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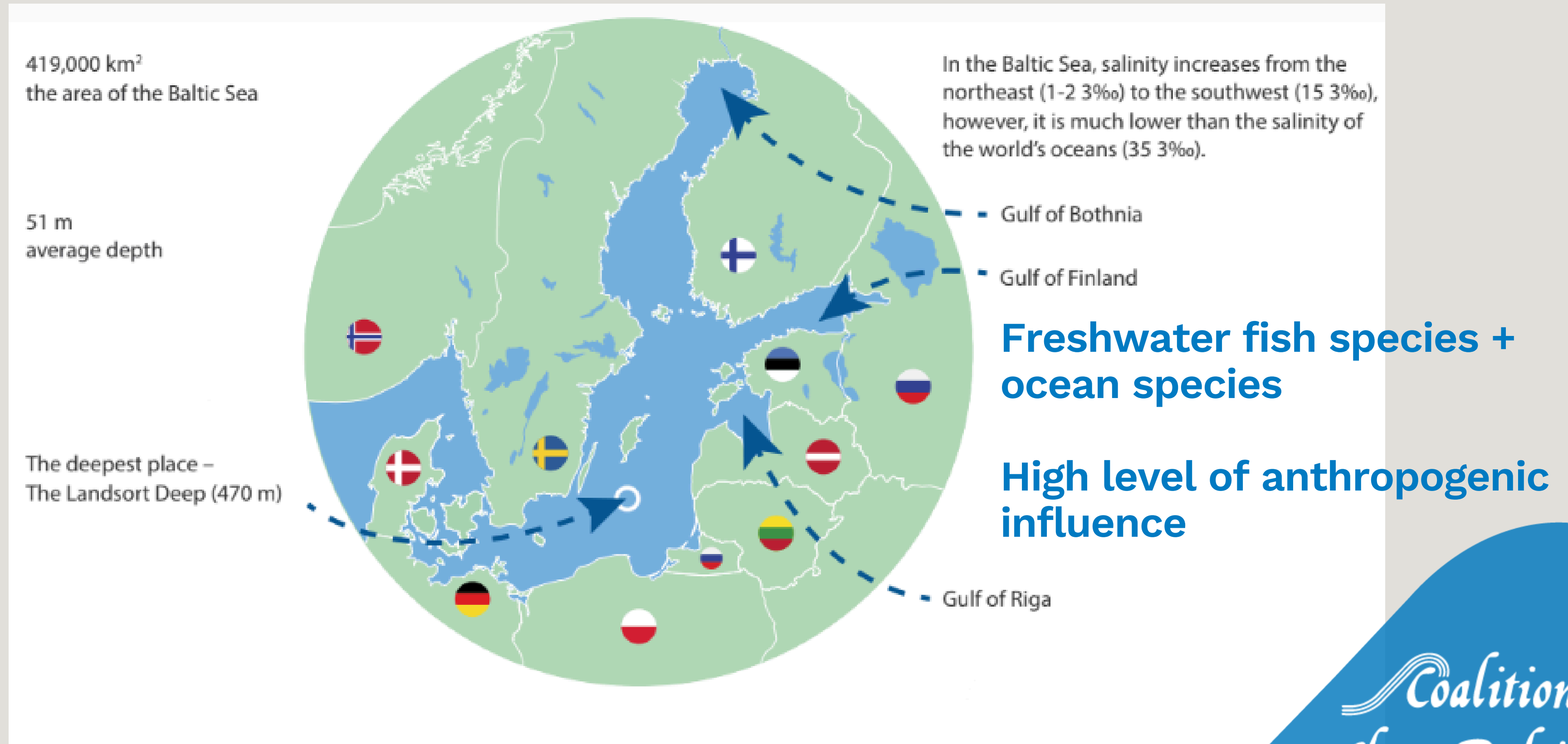


CIRCULAR ECONOMY

**BALTIPLAST**



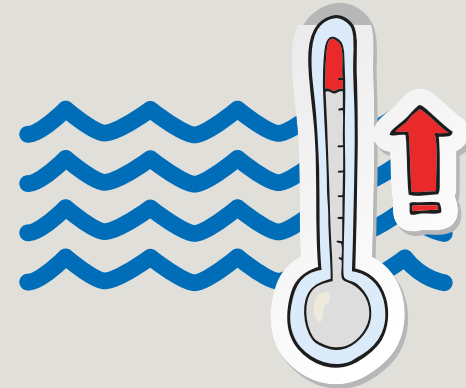
# THE BALTIC SEA IS AN UNIQUE ECOSYSTEM



# CLIMATE CHANGE IMPACT IN THE BALTIC SEA REGION

THE BALTIC  
CLIMATE SCHOOL

September 2025



## Surface water temperature

The sea surface temperature of the Baltic Sea has **WARMED MORE** than the average for the global ocean and will continue to warm.

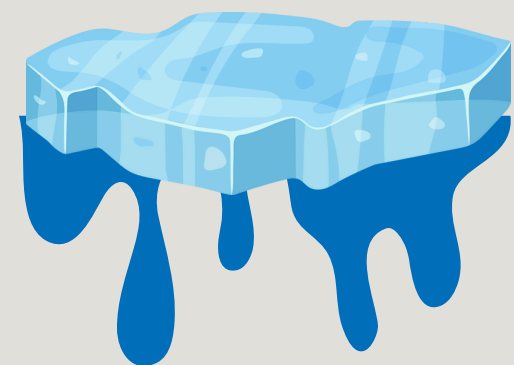
## Precipitation

Average precipitation amounts are expected to **INCREASE** in the future. Heavy precipitation will become **MORE FREQUENT** and more intense in all seasons.



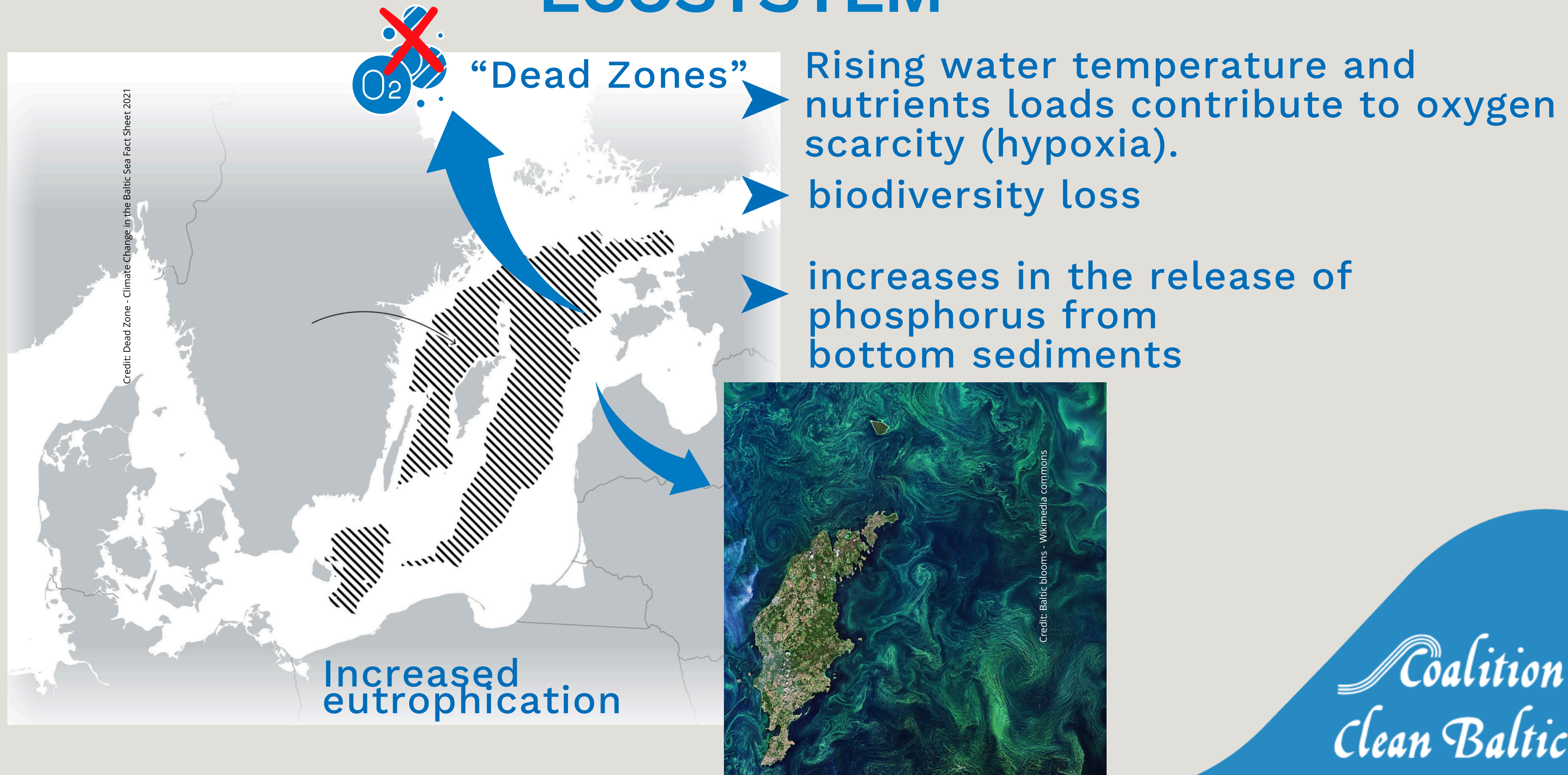
## Ice extent

During the last 100+ years, ice winters have become **MILDER**, the ice season **SHORTER** and the maximum ice extent has decreased by about 30%.



*Coalition  
Clean Baltic*

# CLIMATE CHANGE IMPACT ON THE MARINE ECOSYSTEM





# CLIMATE CHANGE IMPACT ON ECONOMY AND PEOPLE



## Fishermen

- Reduction and extinction of fish population (e.g. cod, salmon);
- Reduction of fishing quotas;
- Economic distress and unemployment due to loss of traditional livelihoods.



## Farmers & rural communities

- Reduction of yields and quality due to higher temperatures and droughts;
- Increasing vegetation periods and appearance of new crop varieties.



## Coastal communities

- Sea level rise, coastal erosion, storms, and storm surges;
- Warmer summers and longer tourist seasons;
- Increasing the risk of infection of pathogenic organisms.

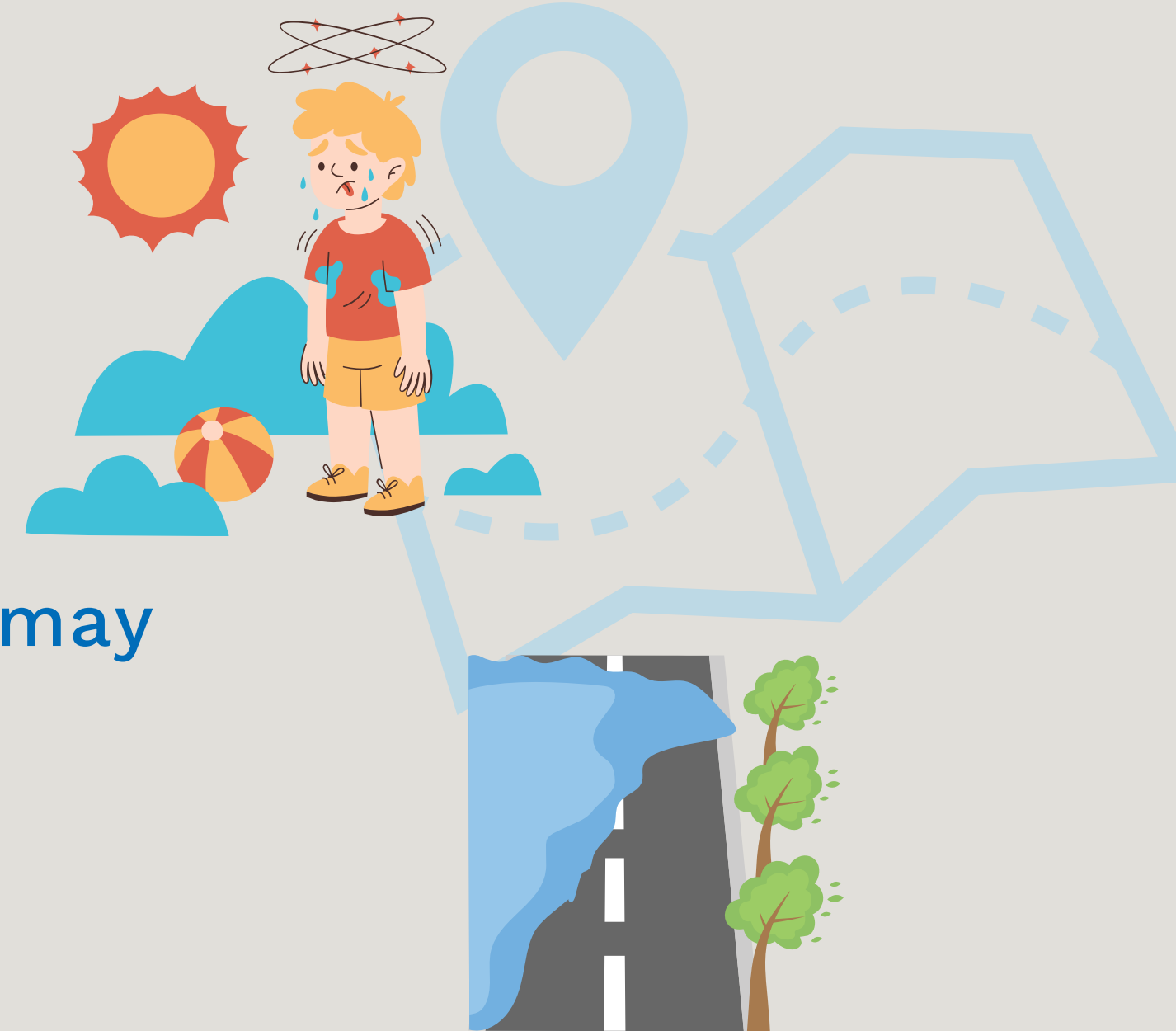
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# CLIMATE CHANGE IMPACT ON THE CITIES



- Heat waves impact people



- Direct run-off of storm water may cause flood and pollution.

- Overload and risks for urban infrastructure, for the water management system.



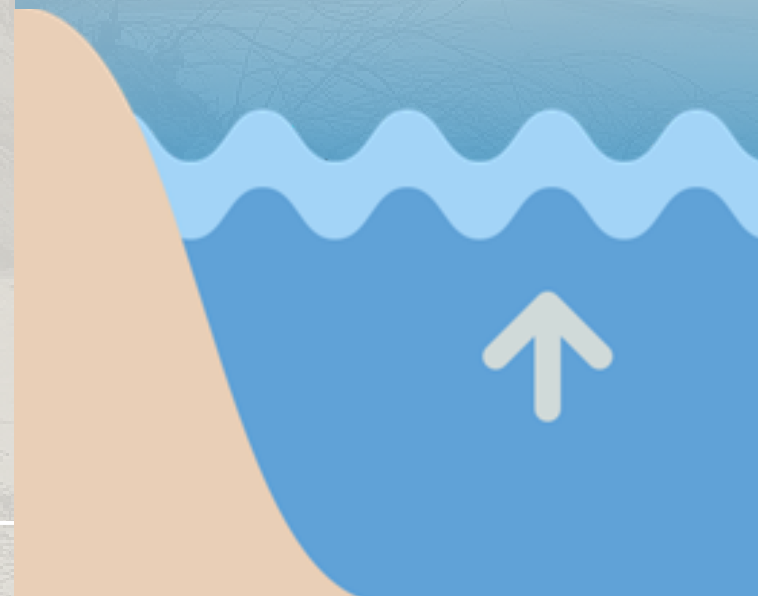


# PROCESSES AFFECTED BY CLIMATE CHANGE

**MILD WINTERS  
- LACK OF ICE  
COVER**



**SEA LEVEL  
RISE**



**STRENGTHENING  
OF STORM  
SURGES, WIND  
WAVES**



**FLOODS**





# THE CAUSES OF THE DEVELOPMENT OF EROSION PROCESSES: NATURAL FEATURES

September 2025

THE BALTIC  
CLIMATE  
SCHOOL

## Geological structure

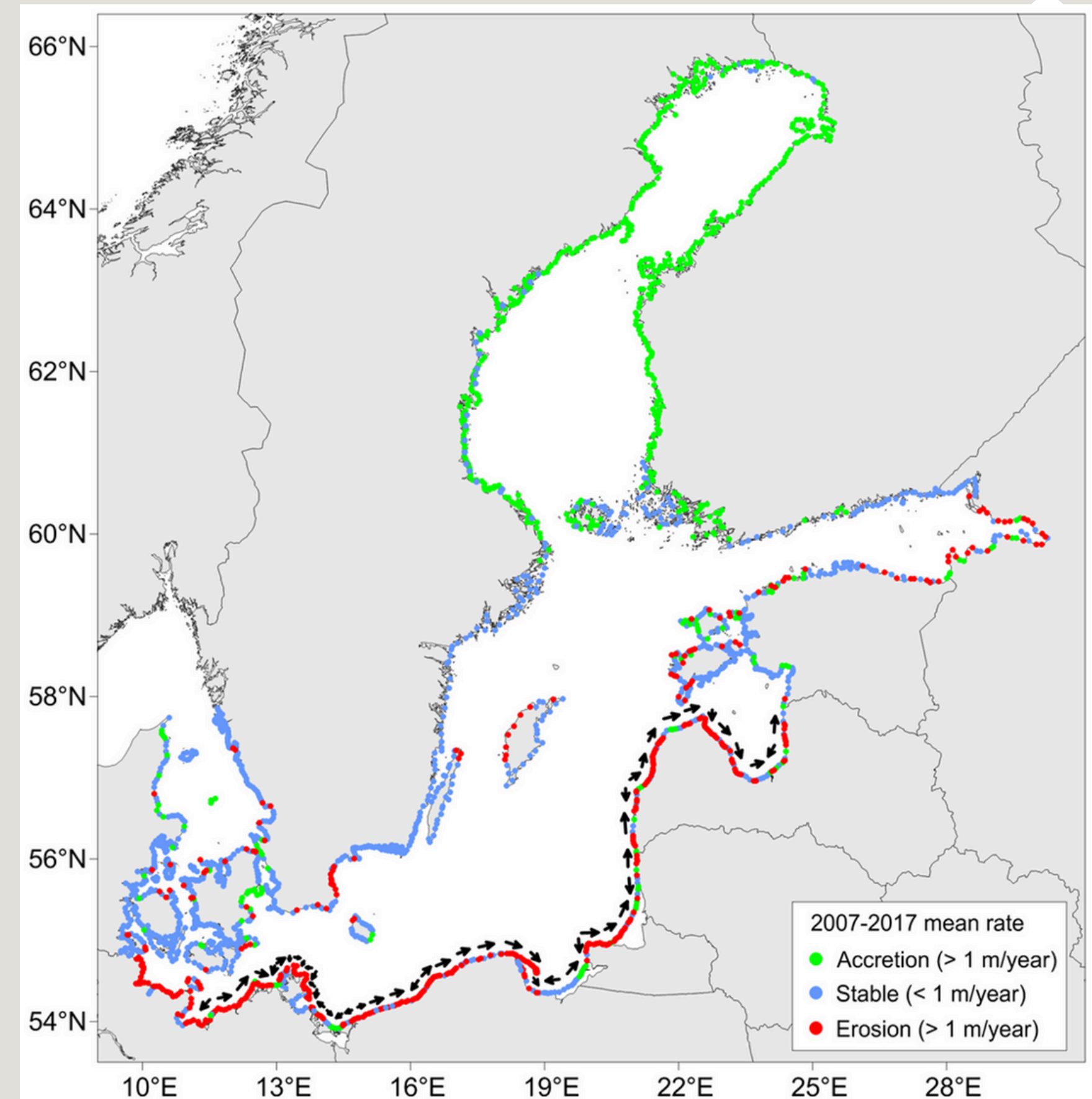
BSR can be geologically divided into the uplifting Fennoscandian Shield in the north and the subsiding lowlands in the south.

## Relief of the coast and the underwater coastal slope

The southern and eastern coasts of the Baltic are geologically subject to changes to a large extent.

## Lack of sediment in the coastal zone

The Baltic Sea shores located primarily in the south and the east are sedimentary and are susceptible to coastline change due to erosion and accretion.







**The most vulnerable are the  
coasts of the southern and south-  
eastern Baltic:  
Germany, Poland, Kaliningrad  
Region, Lithuania and Latvia.**



# CCB CLIMATE INFO CAMPAIGNS

THE BALTIC  
CLIMATE SCHOOL  
September 2025

## 2021

### #BalticClimate campaign + Final Booklet

*7-days, 2 external partners, 7 MOs, SoMe posts, 1 Baltic Talks*

#BalticClimate



Available  
on [ccb.se](http://ccb.se)

Coalition  
Clean Baltic

(April)



IMPRESSIONS

>2.500



REACH

>26.000



1 RADIO

INTERVIEW







The number of major floods in Europe **has increased** over a 25-year period.

The summer floods 2013 in central and south-eastern Europe were the most catastrophic.

Under a high-emissions scenario, climate change could **triple** the direct damages from river floods during the 21st century in the absence of additional adaptation measures.



#BalticClimate

#BalticClimate



# Floods in Haapsalu, Estonia



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# Spring Flood in Silute region, Lithuania

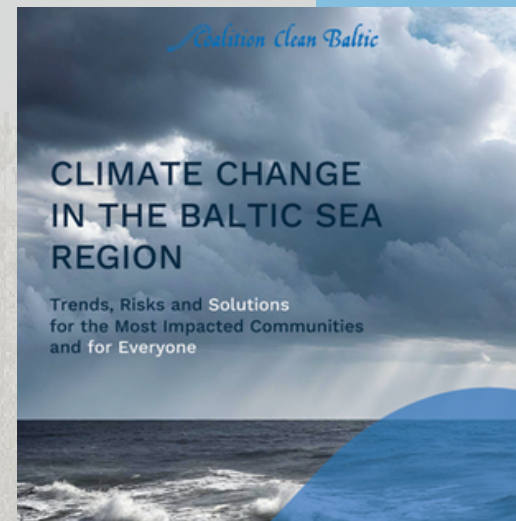


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# 2023

THE BALTIC  
CLIMATE SCHOOL  
September 2025



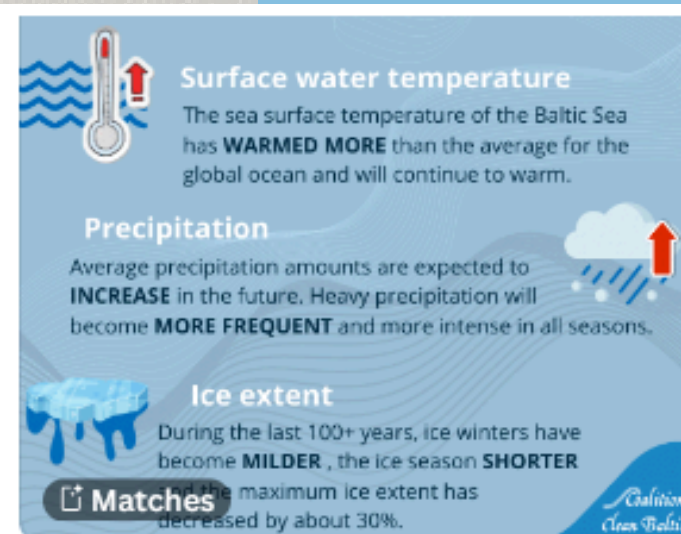
+1,000  
REACH

+2,000  
IMPRESSIONS

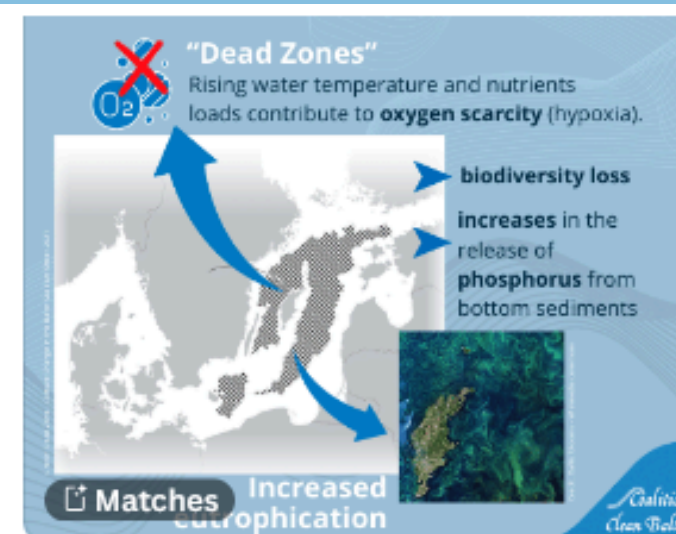
+100  
ENGAGEMENT



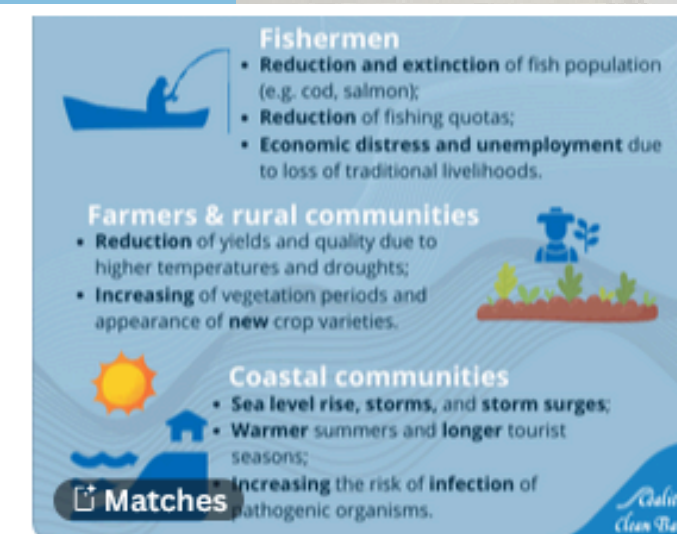
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# FOCUS ON THE COAST

The history and current best practices of coastal protection in the face of climate change.



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PRODUCED BY

Coalition Clean Baltic  
COWAS - PROTECTING THE BALTIC SEA ENVIRONMENT




14 March 2025 – The **newly released documentary video "Focus on the Coast"** takes an in-depth look at the pressing environmental threats facing the Baltic Sea coastline. Produced by Ecodefense and Coalition Clean Baltic, with financial support from the EU LIFE Programme (\*), the 1-hour film **explores the devastating effects of intensified storms and rising sea levels**, alongside inspiring and **best conservation practices in Lithuania, Latvia and Poland**.



# THE BALTIC CLIMATE SCHOOL 2024

The first edition of the Baltic Climate School took place in Latvia from 11 to 15 September 2024 and focused on the consequences of climate change on the Baltic coast. The co-organiser of this edition was Latvian Green Movement.



**BALTIC CLIMATE SCHOOL**  
**2024**





# THE BALTIC CLIMATE SCHOOL 2025

The course will focus on the consequences of climate change on the Baltic coast. The co-organiser of this edition is "Nierusz Natura" Foundation.

## We aim to

- learn about the impact of climate change from the lead experts and investigate local examples;
- meet the local community, have interviews, and hear the stories of grassroots initiatives;
- have an overview of possible solutions and understand the basic approaches to preserve the vulnerable ecosystems of the Polish coast;
- see in practice the coastal protection measures undertaken in Poland;
- learn to convey relevant scientific information about climate change to a wide range of the public in an accessible and environmentally friendly way.





# THE BALTIC CLIMATE SCHOOL AGENDA

## 1 DAY

### INTRODUCTION

**SETTING GOALS FOR THE EVENT,  
LEARN MORE ABOUT THE BCS, CCB  
AND THE HOST ORGANIZATION -  
NIERUSZ NATURA FOUNDATION**



## 2 DAY

### LECTURES

**LEARN MORE ABOUT  
WHAT IS HAPPENING IN  
THE BALTIC SEA REGION  
IN THE CONTEXT OF  
CLIMATE CHANGE**



## 3 DAY

### FIELD WORK

**PRACTICAL WORK ON  
THE POLISH COAST**



## 4 DAY

### PRACTICE

**MEDIA CAMPAIGN  
PREPARATION WORKSHOP  
AND DEBATES**



## 5 DAY

### EVALUATION



# AFTER THE BALTIC CLIMATE SCHOOL – JOIN OUR INFO CAMPAIGN!



In October 2025, we'll run a joint campaign on climate change in the Baltic Sea region — and you're invited to take part!

It's simple: share ready-made materials (texts, visuals, videos) on your or your organization's social media, and adapt or translate them if needed.

We'll coordinate posts to boost visibility across the region. Participation is flexible and completely voluntary.

More details will be shared during the School — stay tuned!



# YOUR EXPECTATIONS

social media posts:

#BalticClimateSchool2025

#CoalitionCleanBaltic

CCB can repost English content





# TEAM & RULES





# THANK YOU

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