



# The 9<sup>th</sup> International Conference of the UNESCO Baltic Sea Project 5-8<sup>th</sup> of June, Tallinn, Estonia

## Venue

Pirita TOP SPA Hotel, Regati pst 1, Tallinn

## Concept

Within the Baltic Sea Project students all over the Baltic Sea region have observed changes in nature since 1989 when the project was started by the Finnish National Commission for UNESCO. Observing nature can also create changes in the observer. Science has been an observing tool to recognize changes but it also has been a source of changes. Our goal is to detect, describe and create the change that matters to the people of the Baltic Sea region.

The aim of the conference is to offer students and teachers around the Baltic Sea a platform to exchange their research results about the changes detected in the Baltic Sea, in its region and people; raise awareness of others; and form jointly new ideas how to continue with the Baltic Sea Project. Additionally, with the conference, the general coordination of the project will be given to St. Petersburg State University of Economics (UNECON) to start the next coordinating period of the Baltic Sea Project.

## Information

For more information, please follow our websites:

<http://bsp-science-of-changes.weebly.com/> - Please visit our blog and share your ideas!

[www.b-s-p.org/home/](http://www.b-s-p.org/home/)

[www.facebook.com/unesco.bsp](https://www.facebook.com/unesco.bsp)

The conference is organized by  
Tartu Environmental Education Centre  
ESTONIA

Contact: Gedy Siimenson  
gedy.siimenson@teec.ee



## Deadlines

**30<sup>th</sup> of April 2015-**

REGISTER your arrival and departure:

<http://goo.gl/forms/LTHqnR1DPg>

Register your research topic and needed equipment:

<http://goo.gl/forms/IHG8GJVMUT>

**4-5<sup>th</sup> of June 2015** - Register your participation in selected workshops and excursions. **Registration will be done when arriving in the hotel!**

**Let's detect, describe and demonstrate the change!**



## Theme of the conference

You may have heard the quote „*The only thing that is constant is change*„ by Heraclitus, a Greek philosopher who lived around 500 BC. Heraclitus said that everything moves on and nothing is at rest. He compared it with the flow of a river by saying: „*You could not step into the same river twice.*“ This meant that it is the same river although its waters are constantly changing.

During growing up we also face some difficult changes that we might want to resist but with the Baltic Sea Project we have learned that you cannot stop the rivers to flow, you can only change their course. When we shape or adapt our own problem-solving behaviors and strategies to deal with a problem, we show others how being flexible is a positive approach to create changes in life.

Science has been an observing tool to recognize changes but it also has been a source of changes. Today, we have powerful data analysis techniques, smart equipment for making observations and running experiments, and people have greater scientific knowledge. Science is deeply interwoven with society, and as it has changed, so too has science, creating even more opportunities for change.

Within the Baltic Sea Project we have observed many changes since 1989 when the project was started by the Finnish National Commission for UNESCO. During a single day at the field you may have felt cold or hot - so only changes inside you, but it has been hard to notice changes in the environment.

When you continue with the nature observations for a longer time you can start to see some trends and this may lead you to make some conclusions or predictions for the future. And to be sure of your results, you will make some extra observations or tests. Just like that you could also predict a little bit better future for yourself and for the generations after you, hoping your work will matter and create necessary changes in the mind set, awareness and knowledge of others.

## Participation information

### Delegation from each BSP country

We are expecting over 200 people to the conference, meaning that each BSP country (Estonia, Latvia, Lithuania, Poland, Germany, Denmark, Sweden, Finland and Russian Federation) should put together a delegation of 20 people maximum.

We recommend that each delegation should consist of 10-12 students (2-3 of them with a research) and 8-10 teachers, coordinators, representatives of national commissions for UNESCO or ministries.

**Please register your delegation, your arrival and departure info online by 30<sup>th</sup> of April 2015 at the latest:** <http://goo.gl/forms/LTHgnR1DPg>.

If any delegation must arrive or departure a day earlier or later, please make sure you will notify the organizers. The delegation will be put together by BSP national coordinators. If you are not sure who is the coordinator in your country, please visit: <http://www.b-s-p.org/about/coordinators/>

### Each delegation should bring with them:

- 1) 2-3 student **research poster presentations** that has registered: <http://goo.gl/forms/IHG8GJVMUT>. Also a demonstration with it.
- 2) Each participant will bring **1 - 2 pictures or short written notes** about their best



experience in the BSP during its 26<sup>th</sup> years of lifetime. These will be put on a BSP timeline next to our drawing contest pictures which will make a nice exhibition.

- 3) **A performance or presentation about your country and culture** for culture nights. This is for the 190 participants, so make sure you think through how you will present this!



## Conference fee

There is no conference fee for the delegation from each BSP country. The accommodation, meals and transport inside Estonia will be covered by the organizer - Tartu Environmental Education Centre.

Though, **each delegation shall cover their transportation to Estonia and there will be an extra fee if a participant wants to have a single room.**

We are welcoming few extra guests who will cover their own costs during the conference – to participate, please contact the coordinating body.

We recommend you to take some extra cash (euros) with you if you wish to buy some snacks at the cafeteria of the Pirita Hotel or Pirita Gymnasium or souvenirs during the stay in Estonia.

# Research demonstration requirements

## Focus of your RESEARCH for the conference

We are interested in research that demonstrates the changes in environment that has been created by humans or naturally.

We are interested in the research that demonstrates the changes or stability in the area that each of you have done observations or taken measurements with different methods (following BSP programs or using any other methods).

Surveys demonstrating changes in your school management, co-student or teacher awareness, mindset or behavior towards sustainability are welcome as well!

If you are not sure that your research will meet the focus of the conference please discuss it with your teacher, BSP national coordinator in your area or write to the Estonian organizers of the conference.

All students are encouraged to use the contacts BSP has to offer to contact with scientists in your area to ask any help regarding your research.

Make absolutely sure that the theme interests you!

Also keep in mind that **the language of the conference is English!**

Each delegation will come with 2 or 3 research presentations. Presentations will be put in a poster form and will be showed during the poster sessions on 6<sup>th</sup> and 7<sup>th</sup>.

**Please register your research titles, authors and supervisors online by 30<sup>th</sup> of April 2015 at the latest:** <http://goo.gl/forms/IHG8GJVMUT>

After all the poster presentations are registered we will use the summaries to put together a booklet of abstracts which we will make available for all participants and the public.

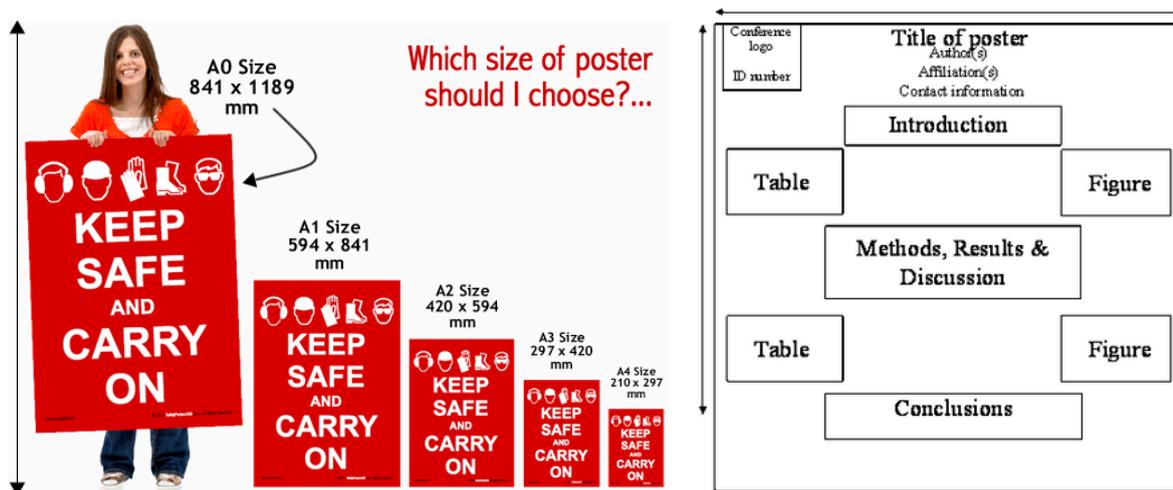


## Putting theory into practice – POSTER and a DEMONSTRATION

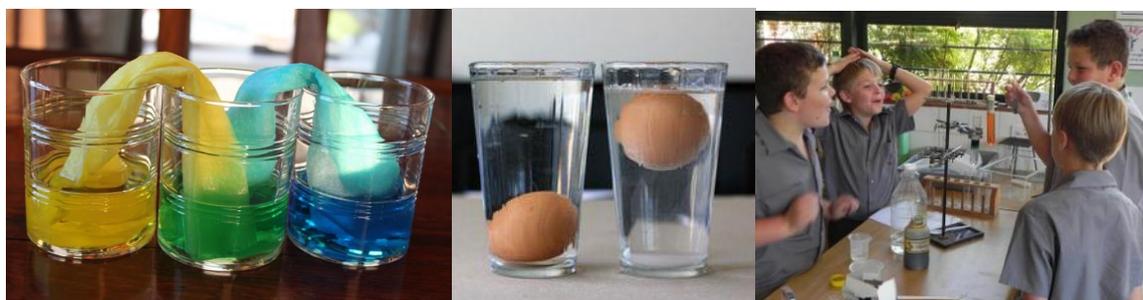
Important part of the conference is sharing the research results and experiences. Each of those 2-3 students from each delegation will prepare a **poster presentation and a demonstration** where others could experience the process of your work or test the results of it.

Each delegation is supposed to choose 2-3 researches they would like to present and together they will plan the practical workshop. If your workshop needs some equipment that is not possible for you to take along then please **fill this info to the same form where you registered your research topic**. Or you can contact the Estonian organizers of the conference early enough so that we could find the suitable equipment for you.

**YOUR POSTER SIZE should be A0 or 2A1.** The poster should consist of the title, author's and your teachers name, short introduction, description of used method, results and conclusions of the research. Use your artistic skills to design the poster. You can search from Google "poster presentations" to see what kind of posters people have made so far.



**For the demonstration you can use extra** pictures, some quizzes, cartoons, videos, science experiences, theater, conversations or other ways to explain your work with some interactive ways.



# Selecting workshops

All participants are asked to choose 3 different workshops and 1 excursion on their arrival to the Piritä SPA hotel. No pre-registration is available!

One participant can choose to go on an excursion on 6<sup>th</sup> and do workshops on the 7<sup>th</sup> or other way around.

There are 15 open spaces in each workshop and 48 open spaces to an excursion.



The Estonian Marine Institute, University of Tartu is a study base for marine biology-orientated postgraduate students and is improving the advanced and extensive higher Marine Science education in Estonia. The main purpose of the Marine Institute is research to enhance the knowledge and understanding of the Marine sphere in Estonia and the Baltic Sea region. The active progress of marine sciences in Estonia in the last decades has increased the awareness of Estonian science around the Baltic Sea region and also in Europe. The Estonian Marine Institute also collaborates with scientists and specialists from all around the world to conduct high level marine research (<http://www.sea.ee/en/>).

The Estonian Marine Institute will organize 5 different workshops for us.

## **Workshop 1: Invasive species in the Baltic Sea: distribution and dynamics** (available both on 6<sup>th</sup> and 7<sup>th</sup> of June)

The global exchange of aquatic species is accelerating. Much of The Baltic Sea present biological diversity is of foreign origin, composed of species intentionally or unintentionally moved by humans. This workshop discusses barriers and vectors of spread of the invasive species into the Baltic Sea, ecological and economical effects that arise with these species and what we can do to prevent it.

The facilitators:

**Greta Reisalu** (junior researcher, MSc in hydrobiology and zoology)

**Liis Rostin** (junior researcher, MSc marinebiology and environmental specialist)



## **Workshop 2: The biodiversity of Baltic Sea habitants and their distribution patterns** (available both on 6<sup>th</sup> and 7<sup>th</sup> of June)

The Baltic Sea is a young ecosystem, continuously undergoing changes, driven both by the still available niches for succession, and the steepness of the physical and chemical environmental gradients. It is an enclosed brackish region, isolated from both fully marine and fully freshwater conditions. The workshop will deal with the distribution of species, structures of populations and communities, as well as links among organisms in relation to these gradients.

The facilitators:

**Liina Pajusalu** (junior researcher, MSc in applied hydrology)

**Arno Põllumäe** (senior researcher, PhD in hydrobiology)



### **Workshop 3: GIS modeling and mapping of sea bottom species distribution** (available both on 6th and 7th of June)

Knowledge about seabed habitats and species distribution is very limited and fragmented. Information on marine seabed structures and organisms is point-based: there is info only from the points directly visited in the sea. Such situation when information on seabed is sparse and uneven makes it difficult to assess the conservation status of habitats and species. One way to get a generalized estimate of a large sea area is the use of predictive mathematical modeling. This workshop shows how GIS modelling can be used to map seabed habitats and species distribution.



The facilitator:

**Kristjan Herkül** (senior researcher, PhD in hydrobiology)

### **Workshop 4: Introduction of the methods for remote sensing of the Baltic Sea** (available only on 7th of June!)

The workshop mainly focuses on introducing optically complex remote sensing methods, suitable for coastal sea and inland waters, and applying those methods. Using BEAM program, students are able to open the satellite pictures and make observations.



The facilitator:

**Tuuli Kauer** (research fellow in marine optics, PhD in ecology)

### **Workshop 5: The biology and monitoring of the fish from the Baltic Sea** (available both on 6th and 7th of June)

Fish communities are important components of the Baltic Sea. These communities consist of marine, freshwater, migratory species, and glacial relicts. All these fish have different preferences for environmental conditions. The objectives of monitoring are to describe trends in fish populations and community development in a changing world in relation to natural factors and anthropogenic pressures. This workshop covers biology of different fish species and explains how and why monitoring is important.



The facilitator:

**Lauri Saks** (fishery researcher, PhD in animal ecology)



**NGO Mondo is a non-profit organization. NGO Mondo works in the following fields: organizing and delivering humanitarian aid (including rescue missions, post-disaster reconstruction activities and transition to development cooperation); managing and intermediating development cooperation; public education and development education; educating its members and the general public on the issues of humanitarian aid and development cooperation (<http://mondo.org.ee/en/>).**

The NGO Mondo is organizing us one workshop (available both on 6th and 7th of June).

## Workshop 6: World education and chocolate

(available both on 6th and 7th of June)

Chocolate is one of the most popular and widely consumed confectioneries in the world. It has become a product of mass consumption: the average European consumes 5.2 kg of chocolate per year! While chocolate is growing in popularity, little attention is paid to where the primary ingredient cocoa comes from and under which conditions it is produced. The value chain is very complex, opaque and characterized by a massive imbalance in the market at the expense of small-scale farmers. This often leads to impoverishment, exploitation of workers and child labour. If you like to hear more about cacao growing and think about global problems you are welcome to this workshop.

Facilitators:

**Krista Allik**

**Liis Truubon**

**Kersti Sõgel** (The Baltic Sea Project's Estonian coordinator)



**Ruutu10 (10 of diamonds)** is a playful improv comedy troupe from Estonia. They believe that freedom can be found through laughter and that true group creativity can be unleashed by putting aside your ego and supporting the well-being of your partners. In this workshop you will learn to adapt to changing circumstances (the behavior of others, for example), create characters and use your creativity to solve challenges.

More info: <http://ruutu10.ee/>

Ruutu 10 will organize us one workshop.

## Workshop 7: Changes inside you through improv theatre

(available both on 6th and 7th of June)

In this workshop you can explore yourself and your group members, you will learn to act towards the reactions to changes around you. Laughter and gained inner wisdom is guaranteed!

Facilitators:

**Toivo Värbu** representing his team



## Workshop 8: Road to 2050 – What the world should be like, what the world could be like ... (Available only on 6th of June!)

This workshop is about sustainability seen from the result. How could a sustainable world in 2050 look like, when today's 15-year-olds are 50? And how can we achieve that? Moreover, things don't always develop the good way. How can we avoid a wrong direction? Let us discuss different scenarios for 2050. What could be **your** contribution to a sustainable 2050?

Facilitators:

**The team of Agenda 21 NOW!** (German delegation)



# Description of the Excursions

All participants are asked to choose one excursion on either 6<sup>th</sup> or 7<sup>th</sup> on their arrival to the Pirita SPA hotel. No pre-registration is available!

## **Excursion 1: Changes of nature and time in North-East Estonia, 06.06 / 07.06.2015**

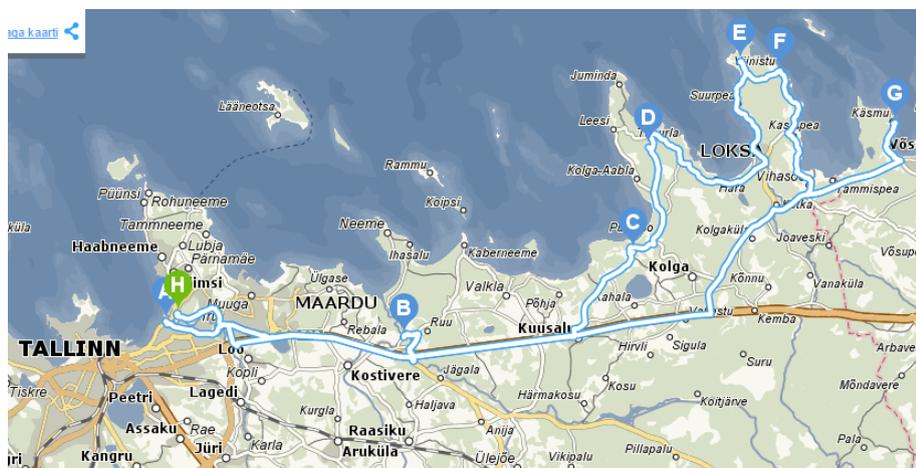
**9.00** Departure from the hotel

This excursion takes you to the Eastern part of Harju County and Lahemaa National Park. Lahemaa National Park, established in 1971, was the first national park in Estonia. You will find stony and sandy seashores, picturesque bogs, pine forests, old-growth forests, cliff forests, alvars and rivers that have cut into the limestone cliff. You will also find many geological, historical and architectural monuments. We will be visiting Jägala waterfall (the highest in Estonia), Muuksi limestone cliff (a place of an ancient stronghold, where we see special plant communities – alvars), a picturesque view to Kolga Bay. You will also drive to Juminda Peninsula along seaside, old fishermen` villages, some houses now overbuilt to summer cottages. Stop at one of the villages, Tapurla, where is a harbour. You will see Pärisea Peninsula, which is the largest, and has the northernmost point of continental Estonia – Cape Purekkari. We will go to Viinistu, the village of spirit smugglers – now the location of an art museum in a previous fishing industry building where we will make a small walk at seaside and have lunch at Viinistu Hotel. After the lunch we will drive to Käsnu village, the most famous fishermen village evolved into a captains` village in the 19<sup>th</sup> century.

**16:00** Arrival to the hotel. Gathering in Pirita Economic Gymnasium for poster session and dinner.

The interactive map with the excursion route is here:

<http://kaart.delfi.ee/?bookmark=0197af652a637ed3ded1d27d1b02172c>



### **EXCURSION nr 1 – to the East:**

- A - Pirita SPA hotel
- B – Jägala waterfall
- C - Muuksi
- D - Juminda
- E - Pärisea
- F – Viinistu (lunch)
- G - Kõltso
- H - Pirita Gymnasium of Economics

The excursion to the North-East is led by **Maarja Orusalu**.

“I am a guide since 2002. I have studied forestry at the University of Agriculture in Tartu and have a practical experience of working as a forester. I live near Lahemaa Natural Park and have seen the development and management of this area for years. I am fond of Estonian nature, because it is so varied, forests alternate bogs and meadows. Nature is connected with a great cultural heritage, we can find it everywhere. I especially like our North Estonian limestone cliff which is so majestic and gives a chance to see beautiful views to the sea. “



## Excursion 2: Changes of nature and time in North-West Estonia, 06.06/07.06.2015

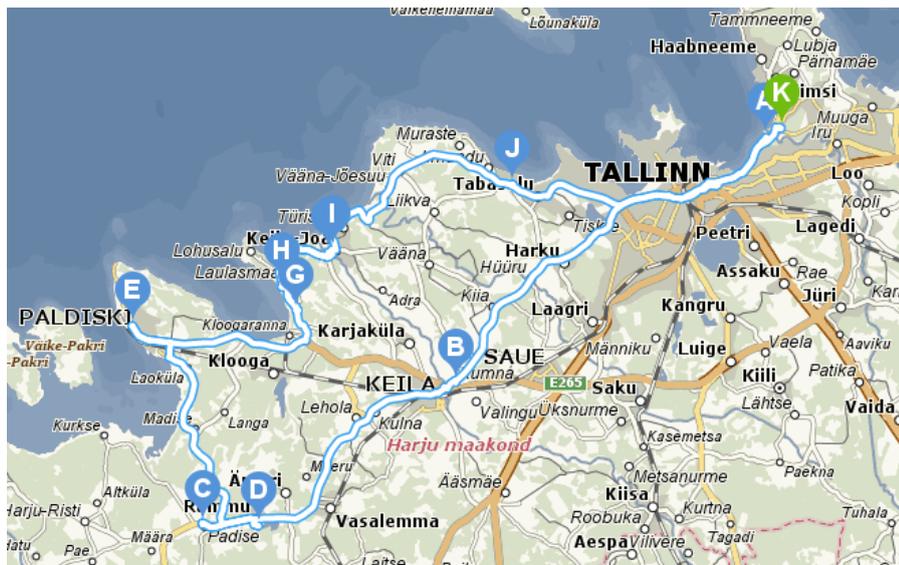
**9:00** Departure from the hotel.

We will start our journey from Tallinn towards Keila, where we can see old Keila church dating back to 13th century, central Keila and modern garden town. From Keila we will continue to Padise. Here we will make a stop by lately renovated Padise monastery. Our journey continues to Paldiski, which used to be a closed military base during the Soviet occupation. In Paldiski we will drive by Ämari Military Airport towards Paldiski Bay, where you can see both Pakri Islands: Suur-Pakri ja Väike-Pakri. Administratively they belong to the town of Paldiski. We will see the Pakri lighthouse, one of the oldest in Estonia. Beautiful views of northern Estonia's limestone cliffs open from here. After visiting Paldiski we will start driving back to Tallinn. On the way we will see beautiful Kõltso Manor, which used to be one of the smallest estates in Keila parish. We will have light lunch in Laulasmaa Spa restaurant with a wonderful view to Baltic Sea. After lunch we will make a brief stop at lately renovated and reopened Keila-Joa palace. We will make a short walk by Keila-Joa waterfalls and enjoy beautiful surrounding nature. After Keila-Joa we will continue towards Tallinn on a nice coastal road by Baltic Sea.

**16:00** Arrival to the hotel. Gathering in Piritä Economic Gymnasium for poster session and dinner.

The interactive map with the excursion route is here:

<http://kaart.delfi.ee/?bookmark=3faf2e7479f0646786239f3928d6de1d>



### EXCURSION nr 2 – to the West:

- A - Piritä SPA hotel
- B - Keila
- C - Padise
- D - Rummu
- E - Paldiski
- F - Keila waterfall
- G - Kõltso
- H - Laulasmaa SPA (lunch)
- I - Keila-Joa
- J - Rannamõisa
- K - Piritä Gymnasium of Economics

The excursion to the North-East is led by **Helena Toom** from company Mainedd:

Helena Toom-Graduated from Concordia International University in Estonia and later completed additional undergraduate and graduate studies in the United States. Has lived in New York for ten years. Worked as a relocation agent for expatriates during that time. Occasionally worked as a tour guide for Estonian groups to the United States. Now she lives and works permanently in Estonia. She is a Member of the Board in Mainedd Travel Agency. In addition mainly works as a tourguide in different distant regions (Asia, Australia, New Zealand, South-America, United States etc.) for Estonian tour groups traveling abroad. Also working with English and Finnish speaking individuals and tour groups visiting Estonia.





# Conference program



## THURSDAY, 4th of JUNE, 2015

13:00	Arrival of the organizers. Meetings and final preparations.
-------	---

## FRIDAY, 5th of JUNE, 2015

## WORLD ENVIRONMENT DAY\*

09:00-13:00	Arrival to the hotel and registration
12:00-13:30	Welcoming lunch at the hotel (On the 5 <sup>th</sup> floor!)
13:30-14:00	Conference opening performance at hotel Nautica hall (On the 2 <sup>nd</sup> floor!) Introduction to the conference program.
14:00-14:20	Opening words by 1) <b>Kerli Gutman</b> - Secretary general of Estonian National Commission for UNESCO  2) <b>Imbi Henno</b> - Chief expert in General Education Department of Estonian Ministry of Education and Research
14:20-14:30	Welcoming words by the first general coordinator of the Baltic Sea Project <b>Liisa Jääskeläinen</b> , Counsellor in Finnish National Board of Education  Welcoming words by the current general coordinator <b>Gedy Siimenson</b> , teacher at Tartu Environmental Education Centre
14:30-15:00	<b>Lecture</b> "Changes in the Baltic Sea within the last 25 years" <b>Katarina Oganjan</b> , Estonian Marine Institute, University of Tartu.
15:00-15:45	<b>Lecture</b> "Changes as a result of a natural disaster and disaster risk management. The challenging experience from Japan - earthquake in 2011." <b>Hideki Maruyama</b> , National Institute for Educational Policy Research of Japan, Dept. for International Research and Cooperation.  The moderator will be <b>Birthe Zimmermann</b> from Alssundgymnasiet Sonderborg, a BSP general coordinator in 1997-2000.  <i>**Before leaving conference room, make sure you know what color is your group for the adventure walk!</i>
15:45-16:00	Joint picture! <i>**Right after the lecture we gather outside in front of the hotel!</i>
16:00-16:30	Getting ready for adventure walk. <i>**Meet us in front of the hotel at 16:30!</i>  <i>**Find your group - use the color you got when leaving the Nautica hall after the lecture!</i>
16:30-19:00	Adventure walk to Tallinn's old town in groups with Estonian volunteers in charge. While walking the students are making a survey about awareness of sustainability and environment of the Baltic Sea. The walk ends in old town at Maikrahv restaurant (Raekoja plats 8). <i>**Transportation will be ordered for people with knee problems! Please make sure you will let us know about any health situations.</i>
19:00-20:30	Dinner in the old town of Tallinn at restaurant Maikrahv, at Raekoja plats 8 ( <a href="http://www.maikrahv.ee/eng">http://www.maikrahv.ee/eng</a> ) <i>**If there is time left the groups may explore the old town WITH their whole group and leader! But make sure you don't miss the bus at 20:45!</i>
20:45-21:00	Arranged busses back to the hotel.

21:30-22:20	Culture night at the Nautica hall of the hotel (1 <sup>st</sup> floor): 1) <b>Finland delegation</b> will present their culture (20 min) 2) <b>Latvian delegation</b> will present their culture (20 min) Feedback of the day.
23:00	Quiet time!

*Notice! The next day the excursion group is leaving 30 min earlier than the workshop group!  
You need inside room shoes, slippers to enter the Pirita Gymnasium rooms!*

## SATURDAY, 6th of JUNE, 2015

07:30-09:00	Breakfast in the hotel (On the 5 <sup>th</sup> floor!)							
9:00-16:00	<b>Excursion groups will leave at 9:00.</b> Be in front of the hotel at 8:45 to find the right bus (Excursion 1 or Excursion 2, depending where you registered). One bus (50 ppl) will drive to the East, the other bus (50 ppl) will drive to the West.							
9:30	Workshop group will gather in front of the hotel and then walk together to Pirita Gymnasium of Economics (15 min walk). Take your inside room shoes!							
10:00-11:15	<b>1<sup>st</sup> workshop</b> <i>After the workshop all must gather at the big hall to switch groups!</i>							
	<table border="1"> <tr> <td>Room 1 <b>Workshop 1</b> Invasive species in the Baltic Sea: distribution and dynamics</td> <td>Room 2 <b>Workshop 2</b> The biodiversity of Baltic Sea habitants and their distribution patterns</td> <td>Room 3 <b>Workshop 3</b> GIS modeling and mapping of sea bottom species distribution</td> <td>Room 4 <b>Workshop 8</b> Road to 20150 – What the world should be like, what the world could be like (Only on the 6<sup>th</sup> of June)</td> <td>Room 5 <b>Workshop 5</b> The biology and monitoring of the fish from the Baltic Sea</td> <td>Room 6 <b>Workshop 6</b> World education and chocolate</td> <td>Room 7 <b>Workshop 7</b> Changes inside you with improv theatre</td> </tr> </table>	Room 1 <b>Workshop 1</b> Invasive species in the Baltic Sea: distribution and dynamics	Room 2 <b>Workshop 2</b> The biodiversity of Baltic Sea habitants and their distribution patterns	Room 3 <b>Workshop 3</b> GIS modeling and mapping of sea bottom species distribution	Room 4 <b>Workshop 8</b> Road to 20150 – What the world should be like, what the world could be like (Only on the 6 <sup>th</sup> of June)	Room 5 <b>Workshop 5</b> The biology and monitoring of the fish from the Baltic Sea	Room 6 <b>Workshop 6</b> World education and chocolate	Room 7 <b>Workshop 7</b> Changes inside you with improv theatre
Room 1 <b>Workshop 1</b> Invasive species in the Baltic Sea: distribution and dynamics	Room 2 <b>Workshop 2</b> The biodiversity of Baltic Sea habitants and their distribution patterns	Room 3 <b>Workshop 3</b> GIS modeling and mapping of sea bottom species distribution	Room 4 <b>Workshop 8</b> Road to 20150 – What the world should be like, what the world could be like (Only on the 6 <sup>th</sup> of June)	Room 5 <b>Workshop 5</b> The biology and monitoring of the fish from the Baltic Sea	Room 6 <b>Workshop 6</b> World education and chocolate	Room 7 <b>Workshop 7</b> Changes inside you with improv theatre		
11:45-13:00	<b>2<sup>nd</sup> workshop</b> <i>After the workshop all must gather at the big hall to switch groups &amp; find way to the diner at Ground 0!</i>							
13:00-14:15	Lunch in Gymnasium (Ground 0) Lunch during the excursion (Viinistu/ Laulasmaa SPA restaurant)							
14:15-15:30	<b>3<sup>rd</sup> workshop</b> <i>After the workshop all must gather at the big hall for further information!</i>							
	Free time / Time to prepare for poster session							
16:30-18:15	<b>Poster session with research demonstrations:</b> students who stayed for workshops will present their posters! The ones that game from the excursion will present their research on the next day. (At Pirita Gymnasium!)							
(17:40-18:00)	<b>Estonian Wildlife Fund</b> will demonstrate their work on the stage!							
18:15-19:30	Dinner in Pirita Gymnasium. (Ground level 0!) <i>After the dinner all will walk to the hotel (15 min)!</i>							
20:30-22:00	Culture night at the Nautica hall of the hotel (1 <sup>st</sup> floor): 3) <b>Estonian delegation</b> will present their culture (20 min) 4) <b>Lithuanian delegation</b> will present their culture (20 min) 5) <b>Russian delegation</b> will present their culture (20 min) 6) <b>Polish delegation</b> will present their culture (20 min) Feedback of the day.							
00:00	Quiet time!							



# SUNDAY, 7th of JUNE, 2015

07:30-09:00	Breakfast in the hotel	(On the 5 <sup>th</sup> floor!)
9:00 – 16:00	<b>Excursion groups will leave at 9:00.</b> Be in front of the hotel at 8:45 to find the right bus (Excursion 1 or Excursion 2, depending where you registered). One bus (50 ppl) will drive to the East, the other bus (50 ppl) will drive to the West.	
9:30	Workshop group will gather in front of the hotel and then walk together to Pirita Gymnasium of Economics (15 min walk). Take your inside room shoes!	
10:00-11:15	<b>1<sup>st</sup> workshop</b> <i>After the workshop all must gather at the big hall to switch groups!</i>	
	Room 1 <b>Workshop 1</b> Invasive species in the Baltic Sea: distribution and dynamics	Room 2 <b>Workshop 2</b> The biodiversity of Baltic Sea habitans and their distribution patterns
	Room 3 <b>Workshop 3</b> GIS modeling and mapping of sea bottom species distribution	Room 4 <b>Workshop 4</b> Introduction of the methods for remote sensing of the Baltic Sea (Only on the 6 <sup>th</sup> of June)
	Room 5 <b>Workshop 5</b> The biology and monitoring of the fish from the Baltic Sea	Room 6 <b>Workshop 6</b> World education and chocolate
	Room 7 <b>Workshop 7</b> Changes inside you with improv theatre	
11:45-13:00	<b>2<sup>nd</sup> workshop</b> <i>After the workshop all must gather at the big hall to switch groups &amp; find way to the diner at Ground 0!</i>	
13:00-14:15	Lunch in Gymnasium diner (Ground 0) Lunch during the excursion (Viinistu/ Laulasmaa SPA restaurant)	
14:15-15:30	<b>3<sup>rd</sup> workshop</b> <i>After the workshop all must gather at the big hall for further information!</i>	
	Free time / Time to prepare for poster session	
16:30-18:15	<b>Poster session with research demonstrations:</b> students who stayed for workshops will present their posters! The ones that game from the excursion will present their research on day before. (At Pirita Gymnasium!)	
(17:30-17:50)	<b>Voluntary Sea Saving Union</b> will demonstrate their work on the stage!	
18:15-19:30	Dinner in Pirita Gymnasium diner. <i>After the dinner all will walk to the hotel (15 min)!</i>	(Ground level 0!)
20:30-21:30	Culture night at the Nautica hall of the hotel (1 <sup>st</sup> floor): 7) <b>German delegation</b> will present their culture (20 min) 8) <b>Danish delegation</b> will present their culture (20 min) 9) <b>Swedish delegation</b> will present their culture (20 min)  Feedback of the day.	
21:30-23:00	Live music.	
00:00	Quiet time!	



07:30-09:00	Breakfast in the hotel (On the 5 <sup>th</sup> floor!)
09:00-09:30	<b>Closing lecture</b> „Sailing ships on the Baltic Sea“ by <b>Luulea Lääne</b> , Communication Director of AS Tallink Grupp, in ruum Nautica. (On the 2 <sup>st</sup> floor!)
9:45-10:15	<b>The auction</b> of the drawing contest “Gulf of Finland - the coast and wildlife” pictures. The bets (from 5 euros) can be made during the conference by writing your contacts next to the picture you would like to buy.  The profit will go for Estonian Fund for Nature ( <a href="http://elfond.ee/en">http://elfond.ee/en</a> ) and their sea protection actions where they will include BSP students.
10:15-10:30	Conference <b>closing ceremony</b> . The general coordination of the Baltic Sea Project will be given to St. Petersburg University of Economics for the next project period 2015-2018.
10:30-11:00	Packing & check-out.
11:30-12:00	Buses leaving from the conference center. It will be arranged according to guest’s departure times.
Following...	„Have a nice trip back home!“ and please share the knowledge you got from the conference to your friends and family back home!  Please post any follow-up activities taken of the Baltic Sea Project’s Facebook page: <a href="https://www.facebook.com/unesco.bsp">https://www.facebook.com/unesco.bsp</a> or share with the organizers in any other way.

### Notifications!

Each guest with BSP history is asked to take a long 1 or 2 pictures or written notes from their most memorable BSP event during its lifetime on 26 years.

The pictures and notes will be put on a wall that has a timeline of 1989-2015. Together we will make the exhibition of the Baltic Sea Project events!

You need inside room shoes, slippers to enter the Pirita Gymnasium rooms! Bring them with you!

## Information about the speakers and other presenters we would like to introduce you

**Kerli Gutman**, Secretary General in Estonian National Commission for UNESCO secretariat.



**Imbi Henno**, Chief expert in General Education Department of Estonian Ministry of Education and Research.



**Hideki Maruyama**, senior researcher of the National Institute for Education Research of the Japanese Government. He graduated from Hiroshima University (MA) and Sophia University (PhD). He was a Physics teacher in Zambia, Africa, and worked for UNESCO for more than ten years. His present studies are Education for Sustainable Development, Non-formal Education, and Sociology of Education. His presentation is about sustainable society after the earthquake by introducing how natural disaster generally influence society and how people live with it. Two important points are picked up: share and care.



**Katarina Oganjan**, junior researcher, MSc in zoology and hydrobiology. She has worked in the Estonian Marine Institute University of Tartu since 2010. She has become a specialist in Estonian coastal flora and fauna. She is continuing her studies to get the PhD in zoology and hydrobiology.



**Miki Saito**, Programme Specialist, Education Cooperation Department, ACCU. Currently she is in charge of three projects called *ESD Rice Project*, *Youth Led Sustainable Community Development Project* and *SMILE Asia Project* (Literacy and maternal health education project). She majored in Education particularly Education and Development at Graduate School, University of the Sacred Heart, Tokyo. Recently she is interested in the concept "Happiness" and she conducts workshops on *Happiness and Sustainable Development* in the project she is in charge.



**Birthe Zimmermann**, M.Sc & B.A (Biology & English) at Alassundgymnasiet Sonderborg, a BSP teacher in Denmark, former BSP general coordinator.



**Luulea Lääne**, Communication Director of AS Tallink Grupp who's lecture about sailing ships on the Baltic Sea will introduce us the challenges that a company has and their efforts to keep the sea safe but also to give people the entertainment service they ask for.



**\*World Environment Day (WED)** is the United Nations' principal vehicle for encouraging worldwide awareness and action for the environment. Over the years it has grown to be a broad, global platform for public outreach that is widely celebrated by stakeholders in over 100 countries. It also serves as the 'people's day' for doing something positive for the environment, galvanizing individual actions into a collective power that generates an exponential positive impact on the planet. Read more from: <http://www.greeningtheblue.org/event/world-environment-day-5-june-2015>

**\*World Ocean Day (WOD)** is the United Nations' principal vehicle for encouraging worldwide awareness and action for the protection and conservation of our oceans for future generations. It is an opportunity to raise awareness of the current challenges faced by the international community in connection with the oceans and celebrating this day allows us to change perspective (encourage people to think what oceans mean to them and what it has to offer them and how can it offer the same benefits for their grandchildren. It also allows us to learn more about how our daily actions affect oceans, how all living beings are interconnected, and we can change our own ways of thinking and acting. And most certainly we can celebrate the successes we have had towards protecting the waters by making small modifications ourselves, write a declaration together about it during the conference and plan to participate in activities that would improve the condition of oceans. Please read more from: <http://worldoceansday.org/>

\* The Baltic Sea Project's 9<sup>th</sup> International Conference titled „Science of Changes“ will be held on 5-8th of June in 2015 at the **Pirita TOP SPA Hotel**. Find the location here: <http://www.tallinkhotels.com/pirita-top-spa-hotell>

Estonia's largest spa – Pirita Spa Hotel – is known for its Olympic history. It provides a wide selection of health, beauty and wellness services and packages. The hotel is located a 10-minute drive from the heart of the city, right on the beautiful seashore.

The hotel, which resembles with its construction that of the catamaran, was erected for the Sailing regatta of the Olympic Games 1980, and due to its unique unfinished concrete construction and plenty of design elements it remains under the protection of the National Heritage Board as an architectural treasure.

Hotel is awarded with the special prize on the biennale of the International Union of Architects (UIA) in 1983.

The hotel was completed in 1979, for the pre-Olympics and the first visitors arrived for the Baltic Regatta the same year. The hotel is one part of the Tallinn Olympic yachting center, established for the yachting regatta of the 1980 Olympics, held in Tallinn. This regatta was an event of historical importance – Tallinn and Estonia entered the world's sports map.

## Checklists

**This list will help you to make sure you will have all necessary preparations done for the conference:**

- ✓ You have agreement about participating with the national coordinator of BSP in your country.
- ✓ You have registered yourself using this link: <http://goo.gl/forms/LTHgnR1DPg>
- ✓ You have registered your research poster: <http://goo.gl/forms/IHG8GJVMUT>
- ✓ You have prepared the poster with size A0 or 2A1 (if you are the student who presents the research).
- ✓ You have chosen 1-2 pictures or have written notes to add them to the BSP timeline exhibition on the hotel wall.
- ✓ You have discussed with all your delegation how to introduce your country and culture at the culture night for 20 minutes for all other participants.
- ✓ You have notified the conference organizers if you have any medical conditions that would not allow you to follow the whole conference program.
- ✓ You have notified the conference organizers if you need some equipment for your presentations or demonstrations.
- ✓ You have checked the Estonian weather and packed your bag considering this and the program (example: proper shoes for the adventure walk).
- ✓ You have packed inside room shoes (or slippers or good socks) for using the workshop rooms in Pirita Gymnasium of Economics.
- ✓ You have read and understood the rules of the conference venue.
- ✓ You have a permission from your parents to travel and to participate.
- ✓ You have your passport or ID card with you.
- ✓ You are ready to spend some wonderful time with different people to educate yourself and share your experience with others.

**So, are you ready to meet us in Tallinn?**



# The rules of the conference venue for students

1. Please keep the program brochure and the key card of your room always with you.
2. Please keep your telephone charged and always with you, but turn it silent mode in lectures and workshops.
3. Please inform about your activities your teacher and the national coordinator from your country if you plan to leave from conference official programme. But your purpose here is to participate in conference programme.
4. Please do not enter the hotel rooms of any other guests who don't belong to the BSP conference group.
5. Please use quiet voice in your room after the quiet time. Estonian law requires quiet time in the week days from 22:00 and in the weekends from 00:00.
6. Be on time. Respect your and organizers time.
7. Please be kind and open-minded for any other BSP conference participants, consider their religion, culture and commons, so you get most valuable experiences.
8. Please do not take things that do not belong to you. Respect property.
9. When you find a lost object bring it to the hotel reception.
10. Do not enter the Gymnasium hall and classes with your outside shoes, bring your slippers or other pair of shoes. You can be also in your socks.
11. If there is an emergency, use the exits of the hotel immediately and meet your delegation in front of the hotel where the national coordinator counts their participants.

Thank you for your support!



ENVIRONMENTAL INVESTMENT  
CENTRE



REPUBLIC OF ESTONIA  
MINISTRY OF EDUCATION  
AND RESEARCH



airBaltic



REPUBLIC OF ESTONIA  
MINISTRY OF FOREIGN AFFAIRS