



The Baltic Sea Project



# **Baltic Sea Project (BSP) within the UNESCO Associated Schools Network (ASPnet)**

## **Estonian river watch report 2019**



Annelie Ehlvest, national river watch programme leader

Tartu Nature House 2019

Riverwatch programm in Estonia is in the bigger renewing protsess jet. In 2019 all participated groups used Google form: [https://bsp.teec.ee/gforms/river\\_ee.html](https://bsp.teec.ee/gforms/river_ee.html)

From may to september 2019 in riverwatch program participated 3 schools with 4 groups in Estonia. Program was officialy opend and new protocol was in use, but it still need complementing.

### Participated schools:

#### 1. Narva Soldino Gymnasium

One observation on the Narva river in Narva 30.05.2019. Teachers Larissa Stepanova, Tatjana Podpovedkina.

#### 2. Tartu Kristjan Jaak Petersoni Gymnasium

One observation 6.06.2019 on Emajõgi river in Tartu. Teachers Helgi Muoni, Tiina Sõber.

#### 3. Tartu Nature House

One observation on Emajõgi river in Tartu 21. 05.2019. Teacher Pille-Riin Pärnsalu.

One observation on Emajõgi river in Tartu 28.09.2019 in the programm of UNESCO schools in Estonia conference in Tartu. Teachers Annelie Ehlvest, Gedy Matisen, Søren Levring.

### Results

All observations were done with nice wether without rain and with no or moderate wind conditions. Observation spots were in towns, with significantly great human impact in surroundings.

Both Narva river and Emajõgi river were estimated every time when observed in normal, good quality as far as it can be decided by plants and bottom invertebrates findings. Less animal groups were registred in springtime, more in autumn. But results depend a lot from used equipment, time used for observation and skills of finding and recognising organisms.

Chemical mesurments has been done only in Emajõgi river observations. These data also show no alarming results, but normal conditions. Only oxygen content in Emajõgi was very slow in 21.05.19, 0,8 mg/l, it is hard to say, was it due to real conditions or due to mesouring equipment situation.



Thanks for all observers and participated teachers! We hope, River Watch programm give some support for enthusiastic teachers to do some outdoor observations, teaching and learning practical measuring skills, possibility for students in new way for making acquaintance with hometown river.

We complement the protocol form in internet and possibilities for interpreting and analysing collected data, hoping even more groups to join the program in next season.

With very best,

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