
Microclimate on the coast of the Baltic Sea

Team Rowan
2022



Tallinn

Narva

Eesti

Saaremaa

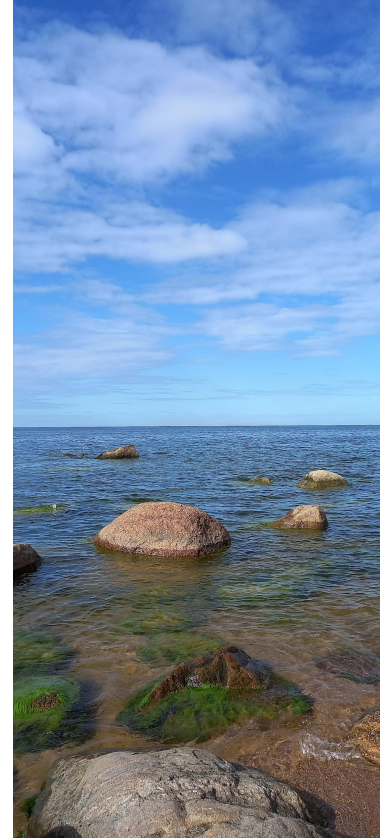
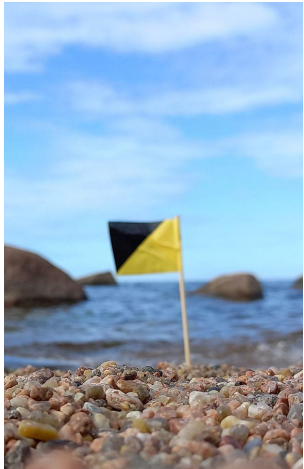
Pärnu

Tartu

Pihvkraev
Псков

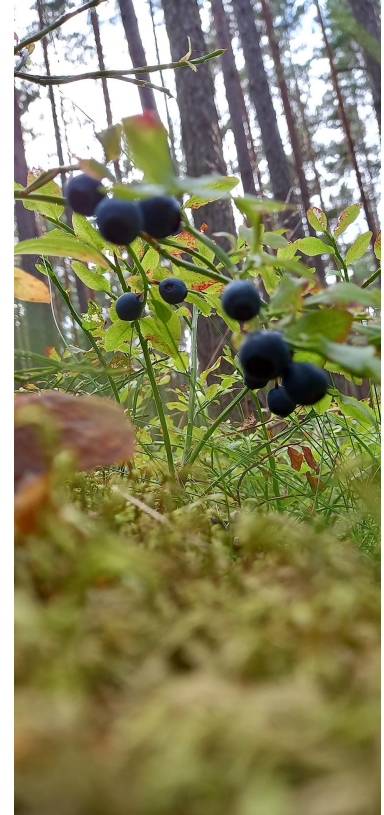
The expedition - the place

- 3rd of August 2022
- rocky, sandy beach
- pine forest



What did we do?

- Located the five sites
- Atmosphere protocol
- Measurements
 - temperature
 - humidity
 - tree height
- determined cloud types
- eat blueberries :)



Research questions and Hypotheses

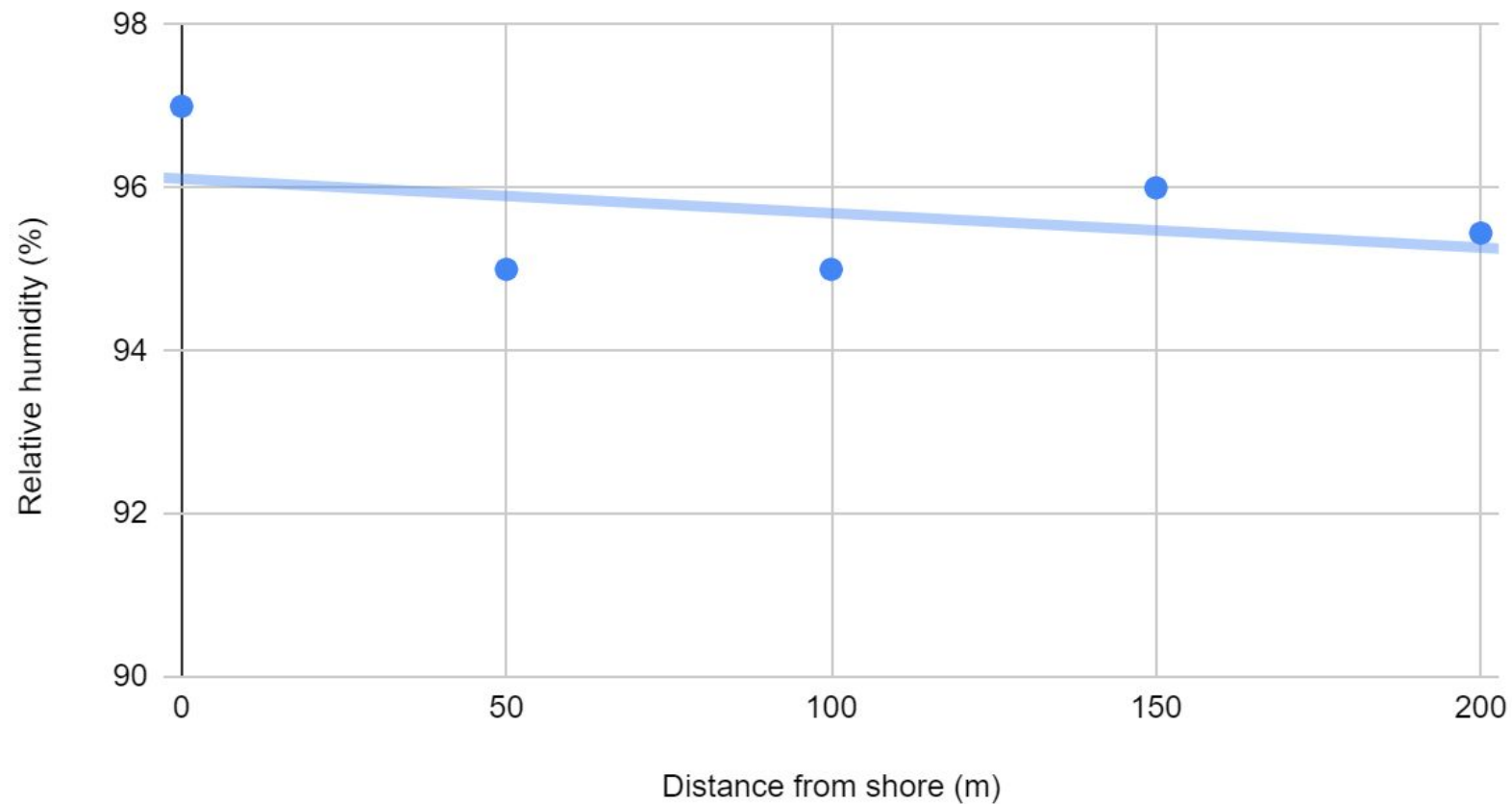
We asked...

- 1) how does the tree height change from shore to inland?
- 2) how does the humidity change from shore to inland?

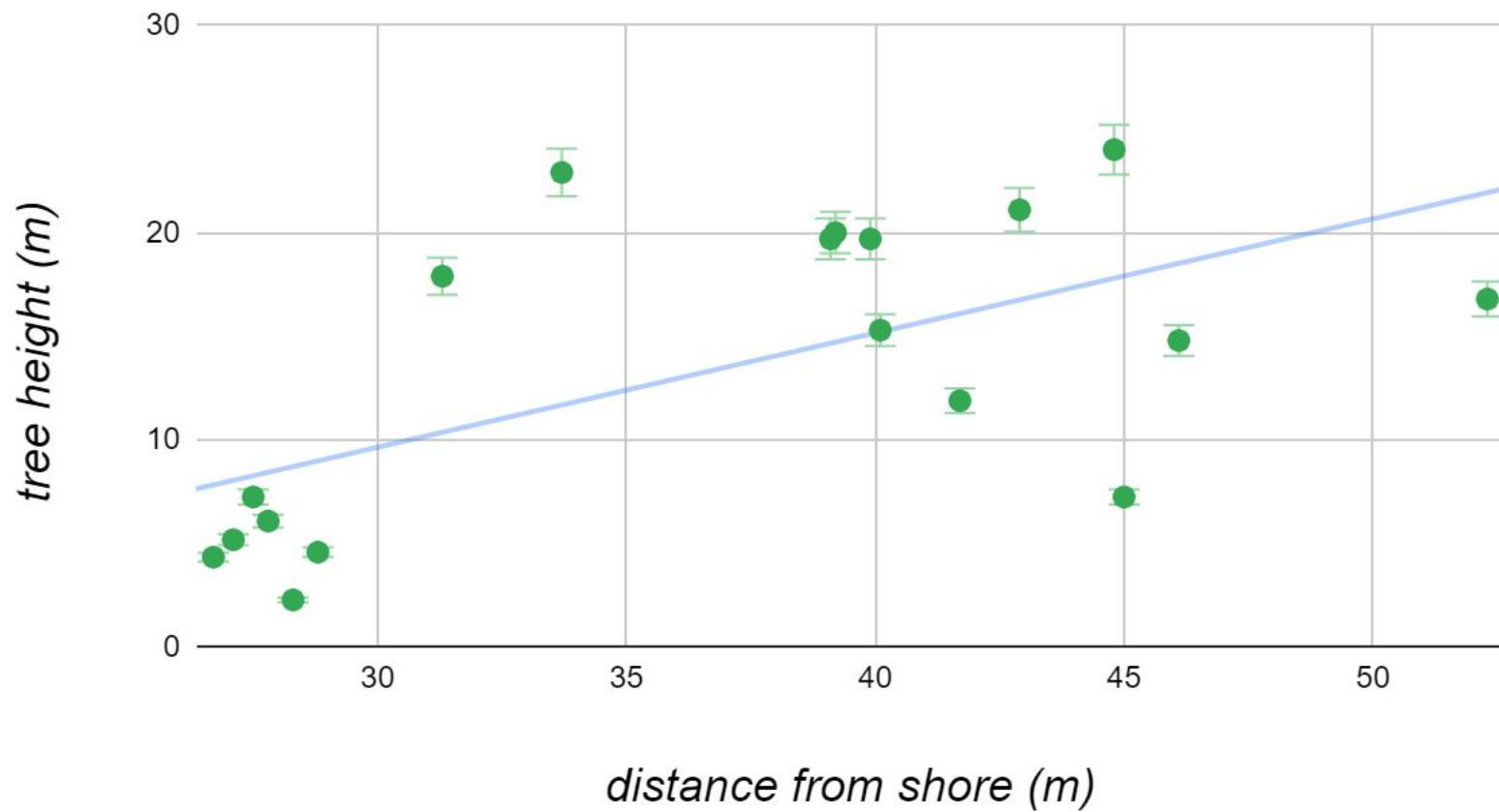
We thought that...

- 1) the humidity would drop while moving inland because we are away from the water
- 2) the tree height would grow when moving inland because of the soil improvement

Distance from the shore vs. Humidity



Tree height vs distance from shore



Summary

- Both of our hypotheses were proven right and our research questions were answered
- Save the data on paper or charge your phone
- Always have more instruments

Thanks for watching!

