



Introduction to Neringa and the Curonian lagoon

Vilma Kavaliova

Neringa in the Curonian Spit



The **Curonian Spit** is a 98 km long, thin, curved sand - dune spit that separates the Curonian Lagoon from the Baltic sea coast.

Since 2000 it is inscribed on UNESCO World Heritage Site and shared by two countries.

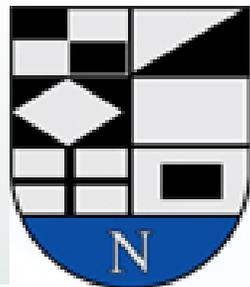


The biggest part of the Neringa (70.1 percent) is covered with forests, predominantly of pine and mountain pine, and numerous species, some rare and found only on the Curonian Spit.

Only 4 percent of the territory is urbanized.

Neringa Municipality is in westernmost of Lithuania, comprising several villages in the Curonian Spit.

In terms of population, it is the smallest municipality of the county with over 3000 residents and the longest city in Lithuania – 50 km.





A pearl of the Baltics, an adornment of the seacoast, the native land of Neringa's fairy tales – these are the words repeated frequently by the people who were affected by the charm of the Curonian Spit.



Neringa has a status of resort, which is visited approximately by 500 000 visitors per annum.



Neringa municipality



Tourism is the main industry that generates the biggest part of incomes to municipal budget.

Fishing is important not only for economical reasons, but also for resort's identity.



 **Neringos savivaldybė**
Rugpjūčio 12 d. · 🌐

Neringos paplūdimių maudyklų laboratoriniai tyrimai ir toliau džiugina! Atliktų stebėjimų metu nebuvo užfiksuoti ir taršos pėdsakai.
Rugpjūtis - puikus metas maudynėms ir saulės vonioms!
<https://neringa.lt/index.php?2251627536>

**Nidos, Juodkrantės,
Preilos ir Pervalkos
paplūdimių vanduo
švarus ir atitinka
reikalavimus.
Gerai ir smėlio
tyrimų rezultatai.**



   123

35 bendrinimai

 Patinka  Komentuoti  Bendrinti

The water quality is significant for both sectors – tourism and fishing.

Estimated Economic impact:
the water quality improvement in the Curonian Lagoon and increase 10% of tourists
generated additional 1,1 million Eur incomes in tourism sector.

The Curonian Lagoon



The Curonian Lagoon is the largest lagoon (length 95 km, width up to 48 km) of the Baltic Sea, relating to the most highly productive water bodies of Europe.



The Lagoon is fresh in its wide southern and central parts, being under strong influence of the river Nemunas.



In general, the Curonian Lagoon is inhabited by freshwater flora and fauna.

The Curonian Lagoon may be characterized as a hypertrophic water body with "poor" water quality on the basis of long-term chemical and biological data. Ongoing eutrophication and harmful algal blooms are the most important problems. (S. Aleksandrov).

It is highly biodiverse, although troubled by water pollution. The presence of algal blooms was confirmed in the 2000s.



Prepared by Klaipėda University assoc. professor M. Žilius

Initiatives to improve water quality



Constructed floating island is an eco-engineering solution applied for water restoration and creation of natural floating riverbanks in the cities. Wetland plants are supported by artificial buoyant mats. Nutrient rich water is treated by bacteria attached on the plant roots performing nitrification/denitrification, biological breakdown and detoxification.

Promoters:



Neringos savivaldybė



PLASTIKO BANGAI

„NO TO A PLASTIC WAVE“

About the initiative



Neringa Municipality, Lithuanian Yachting Union and Curonian Spit National Park administration signed a memorandum **“NO to a plastic wave”** in June 2019. The memorandum aims to reduce the consumption of disposable plastic products in Neringa and the attributable impact on the environment of the Curonian Spit inscribed on the UNESCO World Heritage List.

CHANGING CONSCIOUSNESS



SINGLE-USE ATTITUDE BRINGS LONG-TERM CONSEQUENCES

CUT DOWN ON SINGLE-USE PLASTIC



- **RETHINK**
YOUR SINGLE-USE PLASTIC CONSUMPTION
- **REPLACE**
SINGLE-USE PLASTIC WITH SUSTAINABLE ALTERNATIVES
- **REPURPOSE**
AND RECYCLE UNAVOIDABLE PLASTIC

IGY VENDORIA:






REPLACE
single-use plastic
with sustainable
alternatives



REPURPOSE
and recycle
unavoidable plastic



RETHINK
your single-use
plastic
consumption



- To achieve a significant reduction in the consumption of disposable plastic in Lithuania
- To implement the project in Neringa Municipality: at public events, at points of sale, at catering outlets, in people's daily lives
- To become a national example on the implementation of the *EU The Single-Use Plastics Directive (2019/904)* - on the reduction of the impact of certain plastic products on the environment, and to encourage other Lithuanian municipalities to join the project
- To raise public awareness and promote the change in individual habits to significantly reduce or eliminate the use of disposable plastics.



LOOKING FORWARD TO SEEING YOU