



Interdisciplinary Conference of Young Scholars in Social Sciences

FROM THE INHOSPITABLE SEA TO THE HOSPITABLE SEA

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During hot Summer days, I was on vacation with my family in Batumi, a Black Sea resort, and one day it was cloudy and raining, so I couldn't swim in the sea, but I was going on the beach and gazing at wet pebbles, collecting lovely sinks, and thinking how many stories they had.

I hadn't given much attention to why the Black Sea is thus named, so I decided to look into it and found a lot of intriguing stories. You've definitely heard of the Black Sea, and now I'll tell you about the history of its name and its current significance for our country.

Today, the country faces a variety of pollution challenges, and everyone is aware of the situation. In my presentation, I will also discuss the importance of the sea and the hazards of pollution. Georgia is bordered on the west by the Black Sea.

It connects Europe and Asia by being situated between Southern Europe and Asia Minor. The Atlantic Ocean basin includes the Black Sea. The Kerch Strait connects it to the Sea of Azov, the Bosphorus Strait to the Marmara Sea, and the Dardanelles Strait to the Marble Sea, all of which are connected to the Aegean and Mediterranean Seas.

Georgia, Turkey, Russia, Ukraine, Romania, and Bulgaria are among the countries that border the Black Sea. It's fascinating that the Black Sea is now known as black, despite the fact that the water in it is blue; I'm also curious as to why, when, and how the sea came to be named after that. In this regard, there are a variety of viewpoints. The issue is, the water in the Black Sea isn't constantly blue. The surface of the ocean turns dark in the winter when there are chilly winds, and enormous lead waves pound the coast with a thunderstorm, hence the name "Black Sea." It was named by the ancient Greeks, according to one story. The sea, it seems, gained this name because sailing on it was tough. After the Greeks explored its coast and colonized the surrounding territories, the Ponto Exinon was dubbed the "Hospitality Sea." The Turks, according to another story, named the Black Sea. When they experienced strong resistance from the local inhabitants during the capture of its coast.

The sea was given the name "Karadeniz," which meaning "dark and unwelcoming." Many different fish species and algae can be found in the Black Sea. The Black Sea is the ideal environment for them, as it contains all of the necessary environmental elements for life to survive.

Degradation of the Black Sea ecosystemThe first indications appeared in the 1960s of the previous century. Since then, the environment has changed dramatically. The situation deteriorated further. However, individuals are becoming more environmentally conscious today: Slowly reducing the negative impact on the ecology, as well as insignificant but hopeful improvements. The Black Sea is used for mineral extraction, tourism, recreation, and military purposes in addition to navigation, fishing, and farming.

The Black Sea basin and bottom are substantially influenced by urban expansion, industry, hydroelectric and nuclear energy, agricultural operations, and soil uptake, among other factors. The Black Sea has been contaminated artificially. The biggest ecological problem is caused by domestic, industrial, atmospheric, and harmful river waste, as well as garbage deposited intentionally or accidentally by ships. Chemical (organic salts, petroleum products, sustainable



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organic contaminants and trace elements) and radioactive chemicals, solid waste, and invasion (non-inherited) living creatures all pose a hazard to the Black Sea. Oil is spilled, which, according to government data, occurs primarily due to human error. Oil spills harm the coastal ecology, destroying fish eggs and leaflets. It even has a direct impact on the sea. Birds face another danger: if they are oil-exhausted, they lose their capacity to fly and dive, and they can no longer maintain their flight. Their feathers lose their water resistance at body temperature, causing them to become sick and perish.

True, heavy metal contamination poses a hazard to the majority of the Black Sea. Not much is threatened, although there is still a lot of chromium, lead, copper, Cobalt, nickel, arsenic, silver, and iron in places where there are industrial operations. Humans, seabirds, and mammals are poisoned by these substances in the environment. In rings, heavy metals easily reach the top of the food chain.

They are, for example, ingested in vast numbers by seafloor dwellers. A food source for other organisms. substances that are poisonous Food consumption activates systems, organs, and tissues. Pathologies. Plastic-containing materials have heavily polluted the Black Sea coast. Wastes that pose a concern to marine mammals due to their ability to consume them. Too many dead dolphins wash up on the beach. In the stomachs, foreign bodies are frequently discovered.

The Black Sea is also under threat from radioactivity. Chernobyl Nuclear Power Plant Disaster in 1986 Following the explosion of a power station (part of the Soviet Union) when radioactive compounds were present in rivers in the Black Sea and were hit by precipitation. As a result, many sea creatures, particularly fish, perished. Some animals have even lost their reproductive capabilities.

Because the Black Sea is connected to the Atlantic Ocean, contamination of the Black Sea can lead to pollution of the oceans. As a result, every citizen has a strong desire and obligation to protect this vital resource. It's also worth noting that a lot of individuals strive to clean it up.

The Black Sea is one of the most important resources for any country's tourism and economic development; tourism, both domestic and international, is improving every year. Each of us must consider this essential component and protect this lovely environment, because a local problem can quickly escalate into a worldwide issue for humanity.

Materials are from:

1. file:///C:/Users/user/Downloads/GE_UNDP_EE_Black_Sea_Box_Geo.pdf
2. https://ka.wikipedia.org/wiki/%E1%83%A8%E1%83%90%E1%83%95%E1%83%98_%E1%83%96%E1%83%A6%E1%83%95%E1%83%90
3. <https://nationalgeographic.ge/shavi-zghva/>