

FLOODS

THE REASONS	THE OUTCOMES	HOW TO PROTECT
<ul style="list-style-type: none"> - The simplest explanation for flooding is heavy rains. (Ada, Sakarya Secondary School) - Flooding often occurs when there is fast runoff into lakes, rivers and other reservoirs. (Sait, Sakarya Secondary School) - River floods are caused when consistent rain or snow melt forces a river to exceed capacity. (Şevval - Atatürk Secondary School) - Coastal floods are caused by storm surges associated with tropical cyclones and <u>tsunami</u>. (Gönenç - Atatürk Secondary School) - As a result of climate changes the cases of floods throughout the world have become more frequent, as well as more extreme and devastating. Although floods are natural phenomena, which cannot be prevented, human activities and climate change contribute to an increase in the likelihood and adverse consequences of floods. 	<ul style="list-style-type: none"> - Flood effects can change the features of land areas permanently. (Sait, Sakarya Secondary School) - Floodwater is also contaminated with sewage, which can lead to illness and affect clean drinking water. (Ada, Sakarya Secondary School) - Floods can also have health impact such as cholera, typhoid or malaria (Azra - Atatürk Secondary School) - Flood can damage basic infrastructure, such as food and water supplies, and safe shelter. (Gönenç - Atatürk Secondary School) - In Latvia, floods wash the coasts and dams. Latvia, floods wash the coasts and damage coastal infrastructure Daniela (Saulkrasti secondary school) - Main effects of floods are changing features of land, leaving houses and buildings ruined and leaving people homeless. Rikardo, OŠ Vrpolje 	<ul style="list-style-type: none"> - If a flood is imminent, shut off electrical, furnace, gas and disconnect appliances. (Sait, Sakarya Secondary School) - We should plant as many trees as we can. (Ada, Sakarya Secondary School) - We should use safe water and raw materials after a flood. (Buse - Atatürk Secondary School) - We should clear stagnant water to prevent mosquito breeding sites. (Azra - Atatürk Secondary School) - In Latvia, dams are built on the banks of rivers, other times the territory is delimited with sandbags. <u>flood prevention</u> measures are carried out by a number of related institutions, primarily - VARAM, LVGMC, local government, civil protection commission of local government cooperation territories, VUGD, Latvenergo, State Police and local government police, etc. (Daniela, Saulkrasti secondary school)



<p>- Latvian flooding occurs in the spring when the ice melts, forming ice jams, in the case of long rains and during storms, when sea water is driven into rivers. (Daniela, Saulkrasti secondary school)</p> <p>- A flood is an overflow of water submerges of land that is usually dry. Floods may occur as an overflow of water such as river, lake or ocean in which water overtops or it can be result of heavy rain or snow. Rikardo, OŠ Vrpolje</p> <p>- In the meteorological context of the Canary Islands, Spain, floods are mainly caused by episodes of intense rainfall. (Mar - IES Corralejo)</p> <p>- Severe flooding is caused by atmospheric conditions that lead to heavy rain or the rapid melting of snow and ice. Geography can also make an area more likely to flood. For example, areas near rivers and cities are often at risk for flash floods (Ainara - IES Corralejo, Spain)</p> <p>- The cause of floods is heavy and long-lasting rainfall, sudden runoff of</p>	<p>- Severe flash flooding causes death by drowning, impacts and stress of many people who are surprised by this meteorological phenomenon. (Asier - IES Corralejo, Spain)</p> <p>- Hundreds of people, who were unable to reach their homes or whose houses were flooded, have to spend the night in convention centres waiting for news about their possessions, pets and family. (Mar - IES Corralejo, Spain)</p> <p>- Main effects of floods are destroyed or damaged buildings, flooded and damaged roads, bridges, railway and energy lines, gas pipelines, large amounts of broken trees, mud and stones deposited, landslides.</p> <p>- Indirect effects of floods are chemical and bacteriological contamination of the environment, chemical and bacteriological contamination of food and drinking water supplies, diseases and epidemics. (Wiktoria Z., Nadia M./Szkoła Podstawowa nr 1 w Nysie, Poland)</p>	<p>- River beds should be protected , evacuation plan maid and homes shouldn't be built in the areas that are at risk of floods. Also forestation- or planting of trees can do well. Rikardo, OŠ Vrpolje</p> <p>- The creation of an action protocol for the evacuation of animals in emergency situations of catastrophes is very important in order to collect observations from different participants who can provide information in such situations. (Ainara - IES Corralejo, Spain)</p> <p>- Local governments must create Special Flood Risk Management Plans that include overflow hazard maps and programs to deal with their management. (Asier - IES Corralejo, Spain)</p> <p>- Due to the serious effects of floods, it is extremely important to prevent this risk. The main method of protection against floods is the construction of flood protection structures.</p> <p>- In the fight against floods, it is also important to carefully and properly regulate river beds and streams. This allows the water to flow properly and undisturbed. (Wiktoria Z., Nadia</p>
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<p>water from melting snow in spring or storms - this is especially true in coastal areas, for example in the Hel Peninsula, Poland. In the winter and early spring the reason for floods may also be ice and ice jam on the rivers. (Wiktor Z., Nadia M./Szkoła Podstawowa nr 1 w Nysie, Poland)</p> <p>- Broken dams are the cause of floods, especially when they are old and the level of water can rise because of rain. A lack of vegetation is also a reason for floods, there is little to stop water from running off and overflowing river banks and streams. (Kiril D., Mariupol comprehensive school №65, Ukraine)</p> <p>- The floods are caused by climate and change because there are people who don't understand <u>thecritical</u> situation in which we are living at the moment. Pablo, Javier, Xavi (IES La Marxadella)</p>	<p>- There is not only damage to buildings and bad economic effects of floods. There are also psychosocial effects of flooding. It can be a reason for the stress of victims who lost their houses and relatives. (Denis M., Mariupol comprehensive school №65, Ukraine)</p> <p>- The storms submerged entire towns in water and mud. - (roads, jobs and businesses collapse). - Many people lose money due to flooding, water, house destruction etc. Pablo, Javier, Xavi (IES La Marxadella)</p>	<p>M./Szkoła Podstawowa nr 1 w Nysie, Poland)</p> <p>- If a person knows that flooding is possible in his region, he should have an emergency kit. It should include food, water, and medicine. A person should pack a supply of these items that will last three days. You should have a smartphone so you will be able to communicate with your friends and family, to call rescuers. (Kiril D., Mariupol comprehensive school №65, Ukraine)</p> <p>- Planting trees helps taking water from soil. - Do not build houses next to floodable rivers that may increase the flow. - Designing retaining walls for what might happen like floods - Build ditches to level the water level in such a way as to avoid flooding. Pablo, Javier, Xavi (IES La Marxadella)</p>
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