

Mission Clean Water!

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Inhabitants of Riverville, you are experiencing increasingly frequent flooding and drought as a result of climate change. This is affecting water quality, so together you need to find solutions to address this problem! It is possible to implement alternative, accessible, and sustainable measures to adapt to climate change and reduce related risks. These measures are called “Nature based Solutions”.

We usually hear about the damaging effects of climate change, environmental emergencies, extreme and catastrophic weather events and not so often about existing solutions that can actually help us through it all.

As part of the H2O: Source2Sea project, funded by the Interreg France - Channel - England programme, Nausicaá and partners launched a board game for publics aged 12 years and older: “Mission Clean Water”. It is an innovative educational resource for science communication activities and for secondary school classes that allows them to learn while having fun. Players must save a city, Riverville, from climate alerts by choosing the right nature-based solutions to mitigate climate change in a cooperative manner. The game is played in small groups (3 to 8 players) and is also suitable for a classroom. Each full game lasts 45 minutes and can be shortened to 15 minutes for the classroom requirements.

Participants will leave this session with an increased understanding of how Nature based Solutions can mitigate the effect of climate change and how games can be very useful tools for science education and learning processes.

Keywords

Nature Based Solution; Water Quality; Climate Change; Education