

Module 4 Youth Unit: Let's learn What is in this module?

June 2019



What is in this module?

INTRODUCTION

'Let's learn' offers a set of resources to help you learn what climate change is. It explains the causes of climate change and how this leads to more frequent and intense extreme-weather events, hazards and impacts around the world.

It includes games and activities to introduce climate change, resources to find out more about scientific projections, and a quiz to test what you have learnt.

Use these materials to explain what climate change is to other youth through fun and interactive approaches, and also on your own as a source of information to read up and learn more about climate change.

OBJECTIVE

This module offers ways to:

1. Introduce what climate change is
2. Explain the greenhouse effect and global warming
3. Discuss extreme weather events and hazards being exacerbated by climate change
4. Explore the social and environmental impacts of climate change.

PRODUCTS

1. PowerPoint presentation with explanatory notes

This presentation introduces the topic of climate change to a youth audience, explaining what causes climate change and how this leads to more frequent and intense extreme-weather events and hazards around the world, resulting in social and environmental impacts.

2. Exercises and games

The below games are included in this module and are useful for introducing climate change to a youth audience.

Games:

- [Greenhouse gas game](#)

An energetic, physical game in which players simulate the greenhouse gas effect, playing as either heat from the sun or greenhouse gases.

- [Sinking island](#)

A lively game that can focus on either sea level rise or flooding and can be used to introduce extreme weather events and hazards exacerbated by climate change.

- [Act to adapt](#)

A giant board game during which the 'community team' must take individual or community actions to prioritize resources and adapt their community to protect it from the 'hazard team'.

- [Ready!](#)

Starts as a sit-down preparation discussion that evolves into a physical game where players frantically race to complete actions before a disaster strikes.

- [Buzz about dengue](#)

A quick, team-based strategy game that teaches players how to combat dengue fever. Players take on the role of either humans or mosquitoes and must balance protective actions and proactive actions to keep their community safe.

- [Y-Adapt – full curriculum](#)

Y-Adapt is an interactive, games-based curriculum. Seven sessions build on each other to explore key concepts of climate change and the extreme weather, hazards and vulnerabilities relevant to participants' communities, developing awareness of integrated approaches to promote risk management.

Drawing upon the Vulnerability and Capacity Assessment methodology, Y-Adapt innovatively incorporates tools such as the seasonal calendar to show change over time. Experiential learning and dialogue strengthen understanding and engage youth in developing ideas to reduce climate-related risks, adapt and become more climate resilient. The final session supports the actual implementation of participants' own adaptation actions.

Exercises :

- [Y-Adapt specialist sessions: experience the environment](#)

Y-Adapt specialist sessions give youth an exciting opportunity to explore technical topics from the Y-Adapt curriculum in detail. The 'Experience the environment' specialist session explores the benefits that the natural environment brings to communities by introducing ecosystem services through a fast-paced 'scavenger hunt' followed by a game on how natural resources can increase or decrease disaster risk depending on how they are managed.

- [Climate change challenge quiz: test your learning](#)

A quiz on climate change causes, and hazards and impacts, in PowerPoint format. Use it as a fun and engaging competitive activity by putting participants into teams and having a prize for the winners. Or alternatively read through it yourself to check your own learning.

3. Experiences from other Red Cross Red Crescent National societies

Guatemalan youth perspectives

- The Guatemala Red Cross and Partner for Resilience hosted a Y-Adapt training session, inviting a range of stakeholders.
- Hear perspectives from Guatemalan youth working for the Guatemala Red Cross, the Ministry of Environment and Natural Resources, the National Coordination for Disaster Reduction, and the Scout Association.
- Youth discuss what climate change means to them and how it impacts their communities in Guatemala. They share their thoughts on the Y-Adapt programme in three words and what they hope to do next, and they discuss what they think scientists, policy-makers and practitioners should do.

Haiti Red Cross Youth discuss Y-Adapt

- Following a taster session on Y-Adapt run by newly trained Haiti Red Cross Y-Adapt facilitators, the youth share what they have learned.

Coming soon: Climate week 2019, Western European National Societies

- Climate Week 2019 was hosted by Portuguese Red Cross, coordinated by the Centre for Cooperation in the Mediterranean and led by the Climate Centre.

-
- Red Cross Red Crescent youth leaders from Portuguese, Italian, Spanish, French, British, and Monaco Red Cross attended a Climate Week to train together as Y-Adapt facilitators.
 - Watch this video to get an insight into the activities, games and fun, whilst learning about climate change and getting inspired to act in their countries through Y-Adapt.
-

4. Recommended videos

In this module you can find a range of videos that not only help youth understand what climate change is but also how it is impacting young people by hearing directly from youth in different parts of the world.

[The Pacific adventures of the climate crab!](#)

This animation is an exciting tool to raise awareness of the science and impacts of El Niño and La Niña and encourage Pacific islanders to take early action in preparing for these extreme events.

[Climate change – the facts in four minutes](#)

The year 2018 was one of the hottest years on record. Looking at the science of climate change Sir David Attenborough outlines the challenge it poses for all of us.

[What is the greenhouse effect?](#)

Global Ideas has come up with a series of films and infographics to answer some of the most pressing problems and explain certain climate concepts and solutions. This time we look at what the greenhouse effect is and how it leads to increasing temperatures.

[Voices from the climate front lines](#)

Hear from children around the world on what climate change means to them in their countries and the impacts it is having.

[Haiti and 1.5 degrees](#)

In this film, 12 Haitian individuals, including children and youth, share their personal and intimate experiences with climate change in Haiti, recounting how their country has changed in their lifetime while weaving a tapestry of individual and collective resiliency and hope.

5. Frequently asked questions

This module includes a Q&A on the causes of climate change, hazards and impacts.

6. Relevant reading

Below are a range of resources aimed at helping young people to understand climate change.

- [Y-Adapt Concept Note: Guide to implementation](#)
 - [The climate crab resources](#)
 - [NASA Climate Kids](#)
 - [National Geographic Kids – What is Climate Change?](#)
-