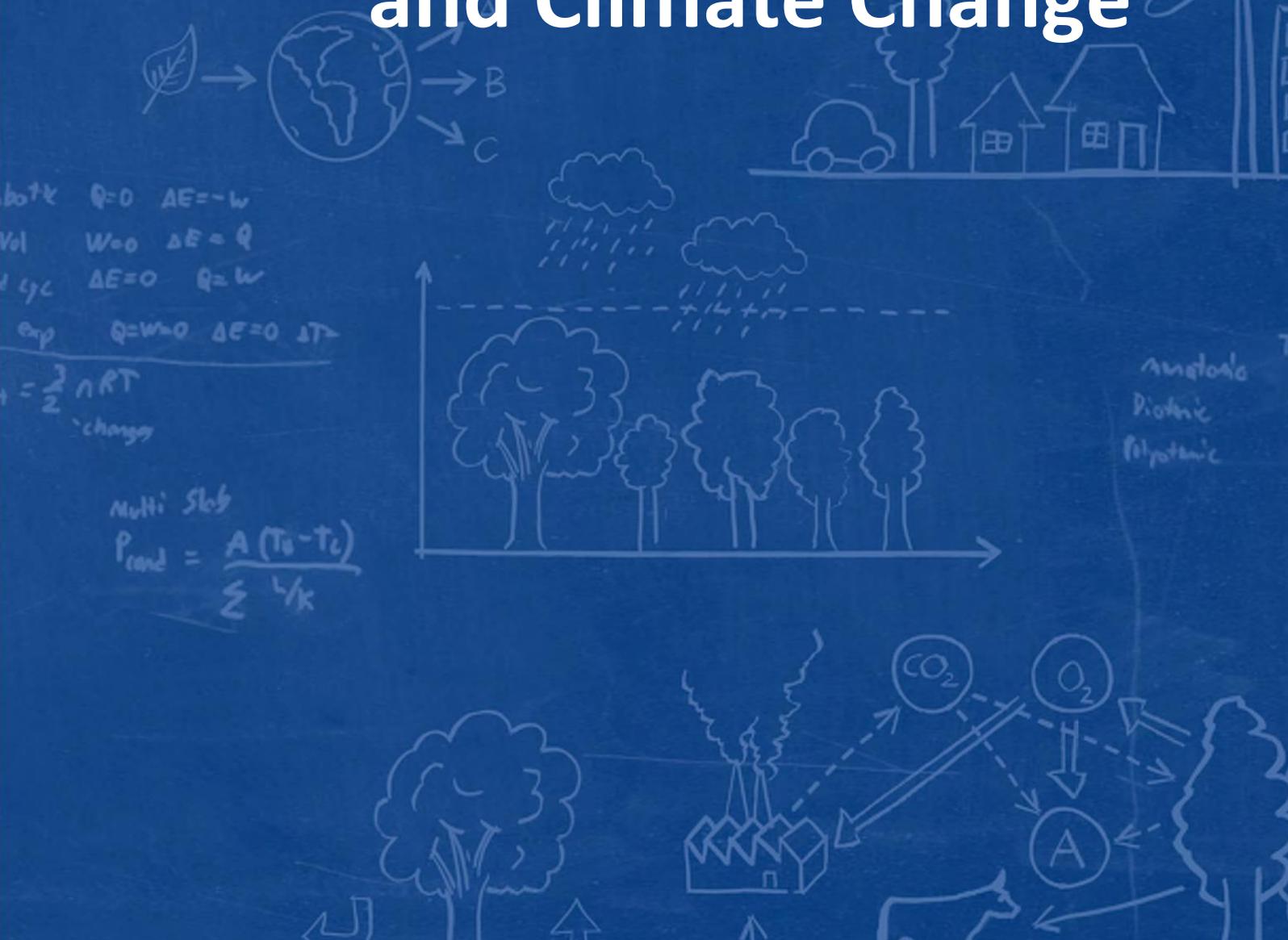




Syllabus

Specialized Module on Human Health and Climate Change



both $Q=0$ $\Delta E=-W$
 Vol $W=0$ $\Delta E=Q$
 cyc $\Delta E=0$ $Q=W$
 exp $Q=W=0$ $\Delta E=0$ ΔT

 $\Delta T = \frac{2}{k} \Delta RT$
 change
 Multi slab
 $P_{cond} = \frac{A(T_h - T_c)}{\sum L/k}$

Table of Contents

Background.....	2
Target Groups.....	2
Course Structure and Learning Objectives.....	2
Methodology, Certification and Feedback.....	3
Technical Requirements.....	3
Key References.....	4

Background

This specialized module introduces the theme of climate change and human health. Human health is directly affected by the weather, climate variability and climate change. The module will explain how mitigation and adaptation policies and measures in health and related sectors can benefit the human health.

Moreover, the module presents tools to assess and integrate health within climate change policies and strategies and vice versa. Several examples of how countries are responding to the health challenges posed by climate change, including taking advantage of the opportunities, are presented.

The module has been developed and peer-reviewed through UN CC:Learn (www.unclearn.org), with technical leadership provided by the World Health Organization (WHO).

Target Groups

The module provides clear, concise and up-to-date information for anybody interested in obtaining a general understanding of the health risks arising from climate change and strategies to address them. It should be of particular interest to the following audiences:

- Civil servants in national ministries, provincial departments and local authorities working in the health and other sectors relevant to the health dimensions of climate change;
- Managers in private sector and civil society organizations active in the area of climate change and/or health;
- Health professionals wishing to improve their understanding of the risks of climate change to health;
- Faculty, researchers and students; and
- Interested citizens/youth/students.

Course Structure and Learning Objectives

This specialized module has three sections:

1. Climate Change and Human Health
2. Adaptation: Building Health Systems' Resilience to Climate Change
3. The Mutual Benefits of Climate Change Mitigation and Health Policies

Learning Objectives

After completing this specialized module, participants will be able to:

- Explain how weather, climate variability and climate change can affect human health.
- Describe the health benefits of mitigation and adaptation policies and measures in health and related sectors.

- Identify a variety of tools to assess and integrate health within climate change policies and strategies, and integrate climate change within health policies and strategies.
- Provide examples of how countries are responding to the health challenges posed by climate change, including taking advantage of the opportunities.

Methodology, Certification and Feedback

The module is self-paced and not moderated. It includes an interactive lesson and a quiz. To receive a certificate of completion, the associated quiz needs to be successfully passed.

The *interactive lesson* presents content supported by case studies, videos, external links and exercises. The lesson take around 2-3 hours to complete. The module is also available as a downloadable power point presentation that can be used for offline study or for training purposes. The module also contains a wealth of links to other resources on climate change and are thus a gateway to more in depth and specific information.

The *quiz* can be completed at any time. It assesses the achievement of the learning objectives for the module. The quiz can be attempted a maximum of three times. Once quiz is passed with at least 70% of correct answers, the learner can download a certificate of completion from the course home page.

After the completion, participants will be requested to submit a feedback form, which can be accessed in the 'Certificate and Course Evaluation' section on the course home page.

Technical Requirements

Browser:

- The course works best with Firefox 3.6 or higher (download for free at <http://www.mozilla-europe.org/en/firefox>).
- The course is also compatible with Google Chrome (download for free at <https://www.google.com/intl/en/chrome/browser/>).
- For technical reasons, it is not recommended to use Internet Explorer.
- Note JavaScript & Cookies must be enabled.

Software:

- Adobe Acrobat Reader (download for free at <http://www.adobe.com/products/acrobat/readstep2.html>).
- Adobe Flash Player (download for free at <http://get.adobe.com/flashplayer>).
- Microsoft Office (Windows or Apple version) or Open Office (download for free at <http://www.openoffice.org>).

Platform: Windows 95, 98, 2000, NT, ME, XP or superior; MacOS 9 or MacOS X

Hardware: 64 MB of RAM, 1 GB of free disk space; Modem: 56 K

Key References

WHO (2014). [Quantitative risk assessment of the effects of climate change on selected causes of death, 2030s and 2050s.](#)

WHO EURO (2013). [Climate change and health: a tool to estimate health and adaptation costs](#)

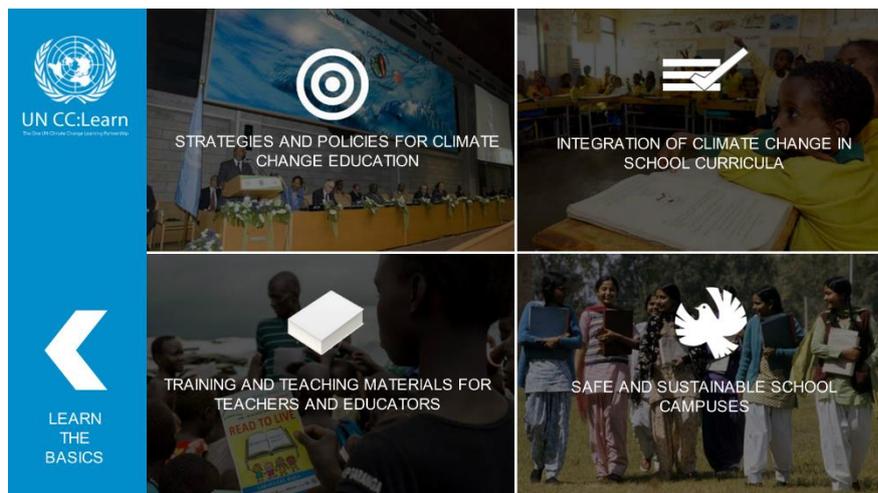
WHO/WMO (2012). [Atlas of health and climate](#)

WHO (2012). [Mainstreaming gender in health adaptation to climate change programmes](#)

WHO (2011). [Gender, climate change and health](#)

To Learn More:

UN CC:Learn (2013). [Resource Guide for Advanced Learning on Understanding the Climate Change and Health Interface](#)



About UN CC:Learn

UN CC:Learn is a partnership of more than 30 multilateral organizations supporting countries to design and implement systematic, recurrent and results-oriented climate change learning. At the global level, the partnership supports knowledge-sharing, promotes the development of common climate change learning materials, and coordinates learning interventions through a collaboration of UN agencies and other partners. At the national level, UN CC:Learn supports countries in developing and implementing national climate change learning strategies. Through its engagement at the national and global levels, UN CC:Learn contributes to the implementation of Article 6 of the UNFCCC on training, education and public awareness-raising, and the 2012-2020 Doha Work Programme. Funding for UN CC:Learn is provided by the [Swiss Government](#) and UN partners. The Secretariat for UN CC:Learn is hosted by the UN Institute for Training and Research ([UNITAR](#)).

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