

INFORMATION	
Year	3
Credits	15 EC
Study load	420 hours
Prerequisites	Completion of Year 1 of a Stenden degree program
School	Disaster Management
Open to	All NHL Stenden Students
Offered	Module 1
Module coordinators	Alroy Taai (alroy.taai@stenden.com)

INTRODUCTION

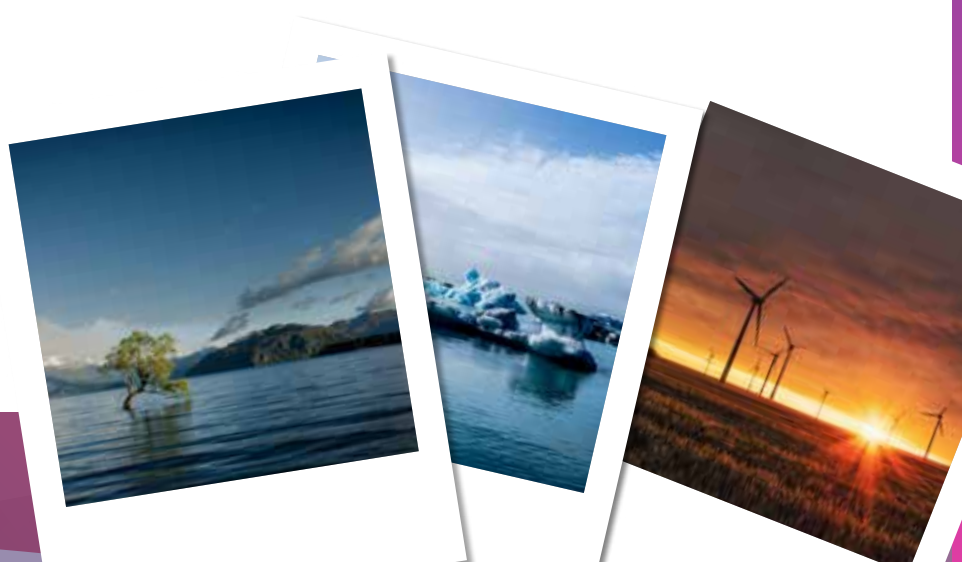
Huber and Gullede (2011) identified that “Thousands of record-breaking weather events worldwide bolster long-term trends of increasing heat waves, heavy precipitation, droughts and wildfires. A combination of observed trends, theoretical understanding of the climate system, and numerical modeling demonstrates that global warming is increasing the risk of these types of events today. Debates about whether single events are “caused” by climate change are illogical, but individual events offer important lessons about society’s vulnerabilities to climate variability. Reducing the future risk of extreme weather requires reducing greenhouse gas emissions and adapting to changes that are already unavoidable.” (Huber and Gullede, 2011).

This module is relevant considering the increasing number of human and nature – induced disasters and the increasing need for effective risk management.

MODULE LEARNING OUTCOMES

After participating in this module, you should be able to:

1. Explain the causes and risks related to climate variability, severe weather and disasters.
2. Explain the political forces driving the Global Climate Change debate.
3. Analyse the economic, social and environmental impacts of climate variability, severe weather and disasters.
4. To present options for reducing risk and build resilience to climate variability, severe weather and disasters.
5. Evaluate disaster management policy framework(s) as it applies to the internal and external environment in preparation for climate variability, severe weather and disasters.
6. Evaluate interventions and best practices in dealing with climate variability, severe weather and disasters.
7. Propose means to build resilience against the potential risks of climate variability, severe weather and disasters.
8. To evaluate humanitarian aid organizations roles in climate variability, severe weather and disasters.
9. Evaluate specific risks and vulnerabilities applicable to service the delivery of Humanitarian Assistance / Disaster Relief and ways to protect personnel against these risks.
10. To coordinate first response to disasters and severe weather events to effectively and efficiently manage such disasters.



MODULE STRUCTURE AND ORGANISATION

The educational activities in the minor seek to combine theory with Real World Application through Case Based Learning, Lectures, Workshops, Bi-Weekly Reports, Module Assignment and Presentation.

Session	Contact Time (Hours)	Self-study Time	Total Sessions	Total Contact Time (Hours)	Total Self-Study Time (Hours)	Total Study Hours
CBL's	1.5	6	16	24	96	120
Lectures	1.5	2	16	24	32	56
Workshops	1.5	3	18	27	54	81
Weekly Assignments	2	4	8	16	32	48
Module Assignments	1	9	11	11	99	110
Presentation	2	8	1	2	8	10
Total				104	321	425

ASSESSMENT

The module accounts for 15 EC's and thus requires 420 hours of study. The assessment scheme is presented in the table below:

Assessments	Mark Allocation	Weighting %	Pass Mark % (sub minimum)
CBL Sessions	80	20	-
Workshops	40	10	-
Module Assignment Content Presentation	170 50	50	55
Weekly Assignment Reports	80	20	55
Total	420	100	55

Students are required to participate in all classes / educational activities. A mandatory minimum attendance of 80% is required for each module component of all academic activities in order to pass the associated unit(s). Failing to achieve the 80% will result in being required to retake the module. It is essential to report absence to the responsible module coordinator, lecturer for the lecture and the group members. In addition, the chairperson and / or tutor should be informed before the start of the session.

