



TEL AVIV אוניברסיטת תל אביב
UNIVERSITY תל אביב

Full Syllabus



Course Title

Natural Hazards and Global Warming

Lecturer

Prof. Colin Price

Semester

A

Course requirements

TED talk at end of course, final exam

Final grade components

TED talk (20%) final exam (80%).

Course schedule

Class no. / Date	Subject and Requirements (assignments, reading materials, tasks, etc.)
1	Introduction to natural hazards and disasters (reading assignments TBD)
2	Global Warming's impact on natural hazards (reading assignment TBD)
3	Understanding risk of natural hazards (reading assignment TBD)
4	Predicting future changes of natural hazards (reading assignments TBD)
5	GW Impacts on Tropical Cyclones (reading assignments TBD)
6	GW Impacts on Floods and Severe Weather (reading assignments TBD)
7	AnyCare group simulation
8	GW Impacts on Droughts and Heatwaves (reading assignments TBD)
9	GW Impacts on Wildfires (reading assignments TBD)
10	Possible solutions to Global Warming (reading assignments TBD)
11	TED Talks by students
12	TED talks by students

Required course reading

Weekly readings will be assigned AFTER each lecture/week on a topic related to the lecture of that week. These papers can change due to new publications that can appear even in the week of the lecture and in the scientific literature. Hence, these papers are not assigned before the week of the reading.

Optional course reading

<https://www.undrr.org/climate-action-and-disaster-risk-reduction>

Comments

All presentations, recordings and readings can be found here on Moodle

<https://moodle.tau.ac.il/course/view.php?id=150400201&lang=en>