



Full Syllabus



Course Title

Global Warming and Natural Hazards

Lecturer

Prof. Colin Price

Semester

A

Course requirements

75% attendance, reading assignment every week, TED talk at end of course, final exam

Final grade components

TED talk (20%) final exam (80%). Within final exam 30% of questions related to weekly reading assignments, and 70% from the lectures in class

Course schedule

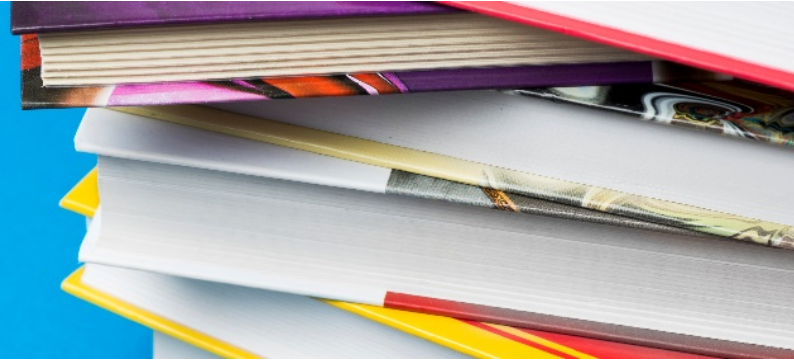
Class no. / Date	Subject and Requirements (assignments, reading materials, tasks, etc.)
#1	Introduction to Earth's Climate (reading assignments TBD)
#2	Global Warming (GW) (reading assignment TBD)
#3	Global Warming Exhibit – Natural History Museum
#4	Future Scenarios (reading assignments TBD)
#5	GW Impacts on Drought and Heat Waves (reading assignments TBD)
#6	GW Impacts on Wildfires (reading assignments TBD)
#7	GW Impacts on Floods and Severe Weather (reading assignments TBD)
#8	GW Impacts on Tropical Storms (reading assignments TBD)
#9	Stop Disaster Simulation: Wildfires, Floods and Hurricanes
#10	Possible solutions to Global Warming (reading assignments TBD)
#11	TED talks by students
#12	TED talks by students
#13	TED talks by students

Required course reading



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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 in the scientific literature. Hence, these papers are not assigned before the week of the reading.

Optional course reading

<https://www.uncclearn.org/sites/default/files/inventory/unep125.pdf>

Comments

All presentations, recordings and readings can be found here:

<https://www.flash.sites.tau.ac.il/courses> under "Global Warming and Natural Hazards"