

<b><u>Climate Change</u> 4030-CC Winter semester 2022/23 Essay themes:</b>
Key problems in political process aimed at climate change mitigation.
Climate migration trends: local and global.
Carbon dioxide removal: perspectives and strategies.
Water conflicts: present and future.
Land use CO2 emissions.
Climate change related extreme events.
Agriculture in changing climate, food supply.
Individual/corporative/political responsibility in context of global warming.
Perspectives to mitigate climate change: transport.
Tipping points in climate system.
Role of technology in climate mitigation.
Deforestation/afforestation and land use CO2 emissions.
Challenges in climate change adaptation.
Carbon budget and emission gap.
Cities in changing climate.
Energy systems and energy debate.
Citizens and climate change: what can we do?
Climate justice and human rights.
Climate change and biodiversity.

#### Requirements:

5-8 pages A4 including 2-3 illustrations and reference list, based on IPCC reports and additional scientific papers and reports.

Please, distinguish personal opinions (I like personal opinions!) from scientific information.

Structure: an introduction with the definition of the problem, analytic part based on data and references, summary with conclusions and opinions.

My personal judgment of the essay will be based on the following elements:

- 1) formal structure;
- 2) proper referencing of key sources;
- 3) conclusions based on the arguments provided;

The document with the essay should include: the name of the author, the student number, the course name and number, the title of the essay. Preferred format: PDF.

The file name with the essay should include the name of the author and student number.

Deadline: 2023-02-09, by e-mail to malina@fuw.edu.pl