

Limits to Growth SS22

Exercise – 5

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Deadline: 20.06.2022 – 1:00 pm

Task(s):

1.) What are the three most impactful actions we could take to move the World3 model towards the SW run/results as discussed in the lecture?

- Have a look at the 4 World3 scenarios that we discussed in the lecture (BAU, BAU2, CT, SW) → Note: Have a look at the links to World3 web version and play around with the model and learn about it in more detail.
- What actions (which policies) could we (humans/politicians) act upon to move the simulation results of the World3 model towards the SW scenario.
- Identify **3** proposals and describe each of them in 3 or more sentences.

2.) What year should we have switched to aggressive environmental policy to minimize total deaths between 1950 and 2100?

Submission:

- Submit the results as a PDF file. The PDF file should further contain your full name, your student email address and your student ID. **Submissions in a wrong format or lacking those information will be ignored.**
- Submission instructions:
 - Submission filename: "E05-<your-studip-username>.pdf"
 - TU Clausthal students: Please use the timed submission folder for E05 in StudIP.
 - Non TU Clausthal students: Please submit E05 by sending an email to etce-ltg@tu-clausthal.de