# Climate Simulation

Imagine that the sun has gotten a little brighter, and global average temperature has suddenly increased by 5 degrees C. What will happen to:

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| **Round**  **(# yrs)** | **Greenhouse gases in the atmosphere** | **Glaciers on Earth’s surface** | **Vegetation on Earth’s surface** | **Oceans** | **Clouds & Precipitation** | **Temperature** |
| **Round 1: after 100 years** |  |  |  |  |  |  |
| **Round 2: after 500 years** |  |  |  |  |  |  |