# Homework #8

Finish this assignment before the beginning of next lecture on April 25th, in addition to the ‘chicken paper’ writing assignment from last week.

1. **Finish the abstract writing exercise from last class.**

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Exercise:

* Read the following abstract.
* Use the Nature abstract model from class and the provided title and context to figure out what types of content are missing in the gaps marked X1, X2, X3, etc.
* Use your imagination to fill in the gaps.

**Abrupt climate transition of icy worlds from snowball to moist or runaway greenhouse**

Jun Yang, Feng Ding, Ramses Ramirez, W.R. Peltier, Yongyun Hu, Yonggang Liu

Nature Geoscience, Volume 10, pages 556–560 (2017)

**Abstract**

Ongoing and future space missions aim to identify potentially habitable planets in our Solar System and beyond. Planetary habitability is determined not only by a planet’s current stellar insolation and atmospheric properties, but also by *X1*. It has been suggested that icy planets and moons become habitable after their initial ice shield melts as their host stars brighten. Here we show using *X2* that *X3*. *X4*. Specifically, *X5*. These results suggest *X6*.

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Submit this task by emailing it as pdf to the TA and cc’ing the Professor.

1. **Read Chapter 7 and Chapter 8 (p.314-330) in “Science Research Writing” by Glasman-Deal.**
2. **Choose 4 research articles, give them numbers one through four, and analyze their titles.** 
   1. For each title, count the number of words.
   2. For each title, does the title include an acronym (yes/no)?
   3. For each title, is there a colon or semicolon that splits the title (yes/no)?

Submit your assignment by emailing it to the TA (pdf, single page, cc the Professor). At the top of the page, list the four titles and their numbers. In the middle, show your analysis. At the bottom of the page, include a full bibliography.