

## Solar-Terrestrial Environment Project in Liberal Arts Education

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We had a class "Introduction to Project Management on Space" as liberal arts education in Wakayama University. Aim of this class is to make students get project management skills. A characteristic point of this class is to focus on achieving a goal through collaboration work with team members.

In this class, we prepared a course "Solar-Terrestrial Environment Project" which was focused on a relationship between global warming and solar activity, and a goal of this course is to make a brochure about the relationship for elementary school students.

Tasks of students are (1) election a leader and sharing roles in the project, (2) completing a preprint in several months, (3) making a presentation in front of elementary school students and having a questionnaire for them, (4) being reviewed by experts, (5) completing a brochure after repeating revisions of the preprint.

The students of the course achieved above all tasks. Especially, the presentation and the questionnaire were useful for polishing up the brochure. It was educational both for university students and elementary school students. We have a plan to improve the class.

Keywords: sun, climate change, education