

Preparedness for Severe Space Weather Event

Mamoru Ishii[1]; Daikou Shiota[1]; Chihiro Tao[1]
[1] NICT

Extreme Space Weather events are rare, but once they happen social activities can be damaged severely. US government has assigned the Space Weather as a severe disaster same as earthquake, tsunami in "US strategic national risk assessment" and has prepared Space Weather national strategy and action plan in 2015. Several countries, e.g., UK, Korea and Mexico have followed this stream and prepared their strategic plans.

We have been discussing the potential hazardous of severe Space Weather events for Japanese society in the framework of PSTEP since 2015. We will show the present results for the preparation.

There are some issues to be discussed for setting the framework of this document as follows.

- 1.What are the characteristics of severe space weather events in Japan?
- 2.How do we treat multiple evaluation axes (e.g., occurrence rate of the event, regional category and utility category) for describing the document?
- 3.How do we treat the difference of serious level in the items?
- 4.How do we share the information with users?
- 5.How do we share the information for international collaboration?

We would like to have these discussions based on the present results.