

## International alliance of geomagnetic field network observation-30year's history of global observation at Kyushu University-

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For space environment monitoring, Kyushu University has developed a real time magnetic data acquisition system (the MAGDAS project) around the world. The number of observational sites is increasing every year with the collaboration of host countries. Now at this time, the MAGDAS Project has installed 73 real time magnetometers &#8211; so it is the largest magnetometer array in the world.

The history of global observation at Kyushu Univ is over 30 years and number of developed observational sites is over 140. To nurturing and operating such global network, international alliance is most important. However situations of host institutions are different so we need to construct an individual strategy for each observational site. Moreover, with increasing of observational sites, strategization for sustainability becomes more difficult. Especially, we are always experience a tension among different places of; goal of our own science, position as a data provider, expectation from developing countries, responsibility in an international alliance and limited resource and man power for project. In this presentation, we will trace of the history of global observation and discuss about problem for its sustainability.