

## Current status and future vision of the geomagnetism and earth, planetary and space sciences (1) - Science objectives

Naoki Terada<sup>1\*</sup>, Ryokei Yoshimura<sup>2</sup>, Yuichi Otsuka<sup>3</sup>, Yasunobu Ogawa<sup>4</sup>, Wataru Kanda<sup>5</sup>, Ataru Sakuraba<sup>6</sup>, Kazuo Shiokawa<sup>3</sup>, Iku Shinohara<sup>7</sup>, Hisayoshi Shimizu<sup>8</sup>, Yukihiro Takahashi<sup>9</sup>, Yasuhiro Nariyuki<sup>10</sup>, Ikuko Fujii<sup>11</sup>, Yoshizumi Miyoshi<sup>3</sup>, Yuhji Yamamoto<sup>12</sup>, Akimasa Yoshikawa<sup>13</sup>, the SGEPPS future survey working group<sup>14</sup>

<sup>1</sup>Graduate School of Science, Tohoku University, <sup>2</sup>Disaster Prevention Research Institute, Kyoto University, <sup>3</sup>Solar-Terrestrial Environment Laboratory, Nagoya University, <sup>4</sup>National Institute of Polar Research, <sup>5</sup>Volcanic Fluid Research Center, Tokyo Institute of Technology, <sup>6</sup>Graduate School of Science, The University of Tokyo, <sup>7</sup>Institute of Space and Astronautical Science, <sup>8</sup>Earthquake Research Institute, The University of Tokyo, <sup>9</sup>Graduate School of Science, Hokkaido University, <sup>10</sup>Faculty of Human Development, University of Toyama, <sup>11</sup>Kakioka Magnetic Observatory, Japan Meteorological Agency, <sup>12</sup>Center for Advanced Marine Core Research, Kochi University, <sup>13</sup>Graduate School of Sciences, Kyushu University, <sup>14</sup>Society of Geomagnetism and Earth, Planetary and Space Sciences

The SGEPPS future survey working group was established in May 2012 with the goal of surveying and summarizing the current status and future vision of the geomagnetism and earth, planetary and space sciences. The working group released the document that summarizes the current status and future vision on the homepage of SGEPPS in January 2013 and booklets are ready to be distributed. In this presentation, we will outline the science objectives of the geomagnetism and earth, planetary and space sciences.

Keywords: Future vision, SGEPPS, Science objectives