Mission regarding monitoring and elucidation of global environmental change (global radiation forcing and ecological change that affect global warming)

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The purpose of this proposal is to monitor and clarify global environmental change (long-term and ongoing quantitative monitoring) global environment change (global radiation forcing and global ecological change affecting global warming). The technology of optical (near ultraviolet to thermal infrared) imager is a fundamental technology that can develop into new optical sensors of the future and it is necessary to continue to maintain the world advantage.
Optical imagers, which are the genealogy of SGLI, can be monitored by a wide range of wavelengths, including current unexpected changes in climate system fluctuations that change with global warming. In addition, by being able to accurately grasp the predicted progress of climate change, it is possible to evaluate the effect of global warming control policy, and to develop adaptation measures for the future and to make a diagnostic orbit correction . By having its own information source as a sensor of its own country, it is possible to have Japan's unique judgment materials for grasping the situation of climate change and to disseminate it to the world as global standard information. And we can have an international strategy on climate change.

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