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ウェブ環境によるハイパースペクトルデータ解析プラットフォーム
A Testbed of Web-Based Hyperspectral Data Analysis Platform

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We are now developing web based hyperspectral data analysis platform for future satellite borne hyperspectral sensors. The system will have capability for searching, browsing, and analyzing for hyperspectral and other kinds of data through the web browsers. The platform is based on Web-GIS with backend of InfoFrame DWH Appliance (IDA). We did not have global hyperspectral data for the Earth yet, but for the Moon, we already have hyperspecral data obtained by SELENE Spectral Profiler (SP). Then we use those SP data for building testbed system. The testbed system has capability for searching SP data by coordinate, spectral characteristics, geological settings based on other kinds of lunar data.

In this paper, we show the current status of the testbed system and future development plan of the system for lunar data and for the Earth observation hyperspectral sensors.

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