

Data Processing at Bisei Spaceguard Center

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Space debris and Near-Earth Asteroids (NEOs) are threat to the existence of human being and other earth lives. To watch these objects for 24 hours, Bisei Spaceguard Center has been established at Bisei town, Okayama Prefecture, Japan. Data produced from this facility are estimated to be several terrabytes per year. The vast amount of these data inevitably requires special treatment for data servers and computer networks. Here we will introduce our current activity to construct data processing system, and discuss the essential elements for forthcoming "terabyte-data science".