Japan Geoscience Union Meeting 2011
(May 22-27 2011 at Makuhari, Chiba, Japan)

MTT033-P09 Room:Convention Hall Time:May 25 16:15-18:45

Visualization of geoscience information by using Augmented Reality

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Augmented reality (AR) is a technology to add some information made by computer to real-world environment, and an augmented environment made by the above technology. There are many invisible research objects in geoscience, for example electric and magnetic field. For geoscientist, it is one of the important work to know those spatial distributions and structures. By using AR, we can visualize and overlap these invisible objects on real-world. These help us to understand these objects simply and accelerate our research. In addition, Sekai Camera, which is based on Global Positioning System and AR, shows one of the good example and future potential to collaborate between geoscience information and AR. In this presentation, we will introduce the case example of the visualization of geoscience information by using Augmented Reality.