Development of wireless communication system to support the monitoring of the behavior of radioactive substances in forest of Fukushima

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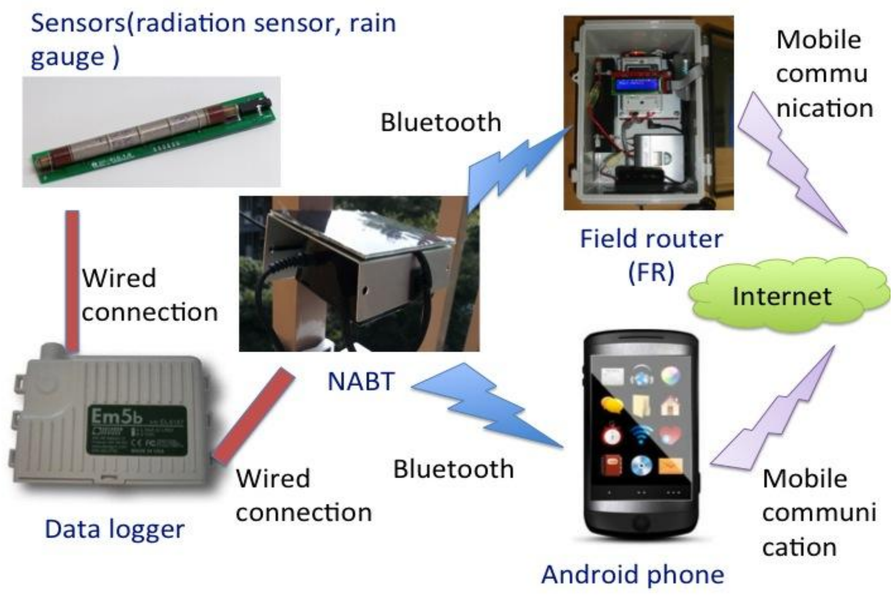
Background

Contaminated area in Fukushima is mountainous and high precipitation area

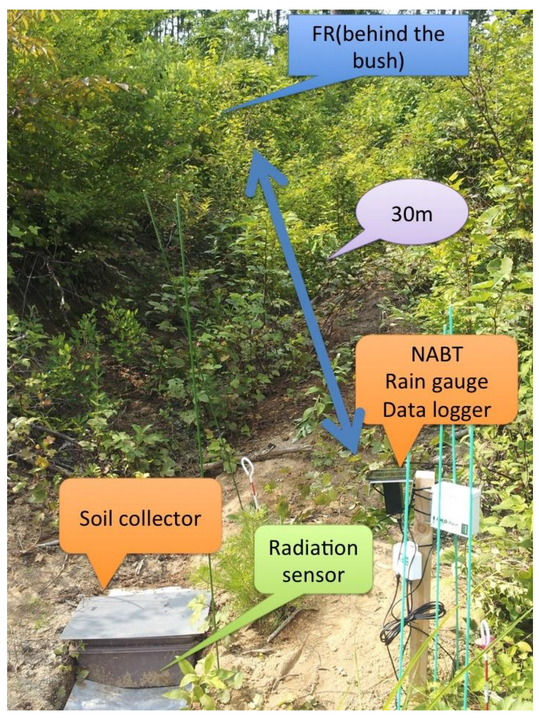
Radioactive substances will be transported by soil erosion

It is required a monitoring system for transporting radioactive substances in a stream line of forest

Materials & Methods



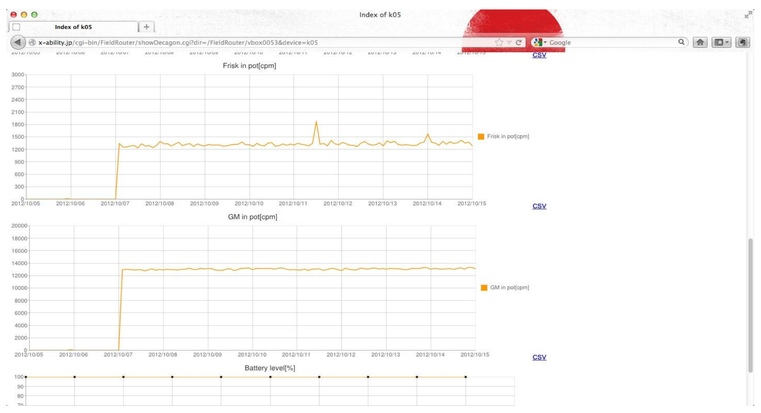
Outline of the system



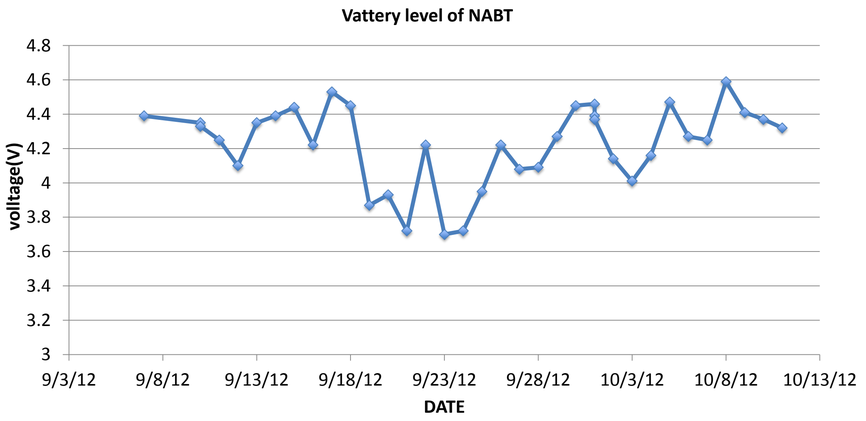
The system equipped in a stream line

Android application

Results & Discussion



Quasi real-time monitoring



Long-term use with no battery change

Good usability

The web site of monitoring data

The system will be a powerful tool to **monitor the transportation of radioactive substances in forest** in Fukushima

Acknowledgement

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