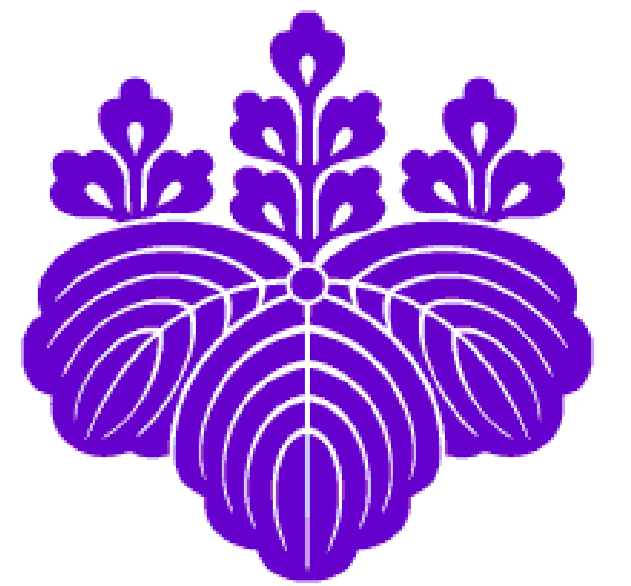




## Centralized Geodatabase and Field Data Collection for University Campus Management System

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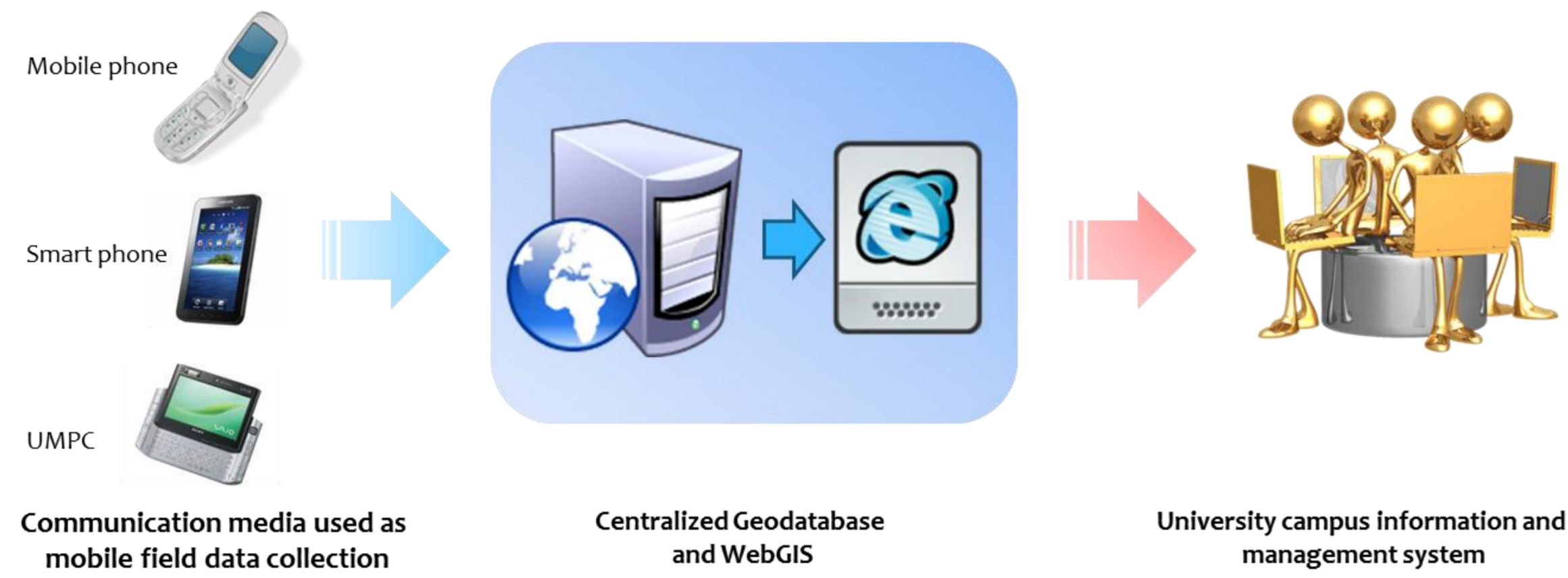


筑波大学

### 1. OBJECTIVE

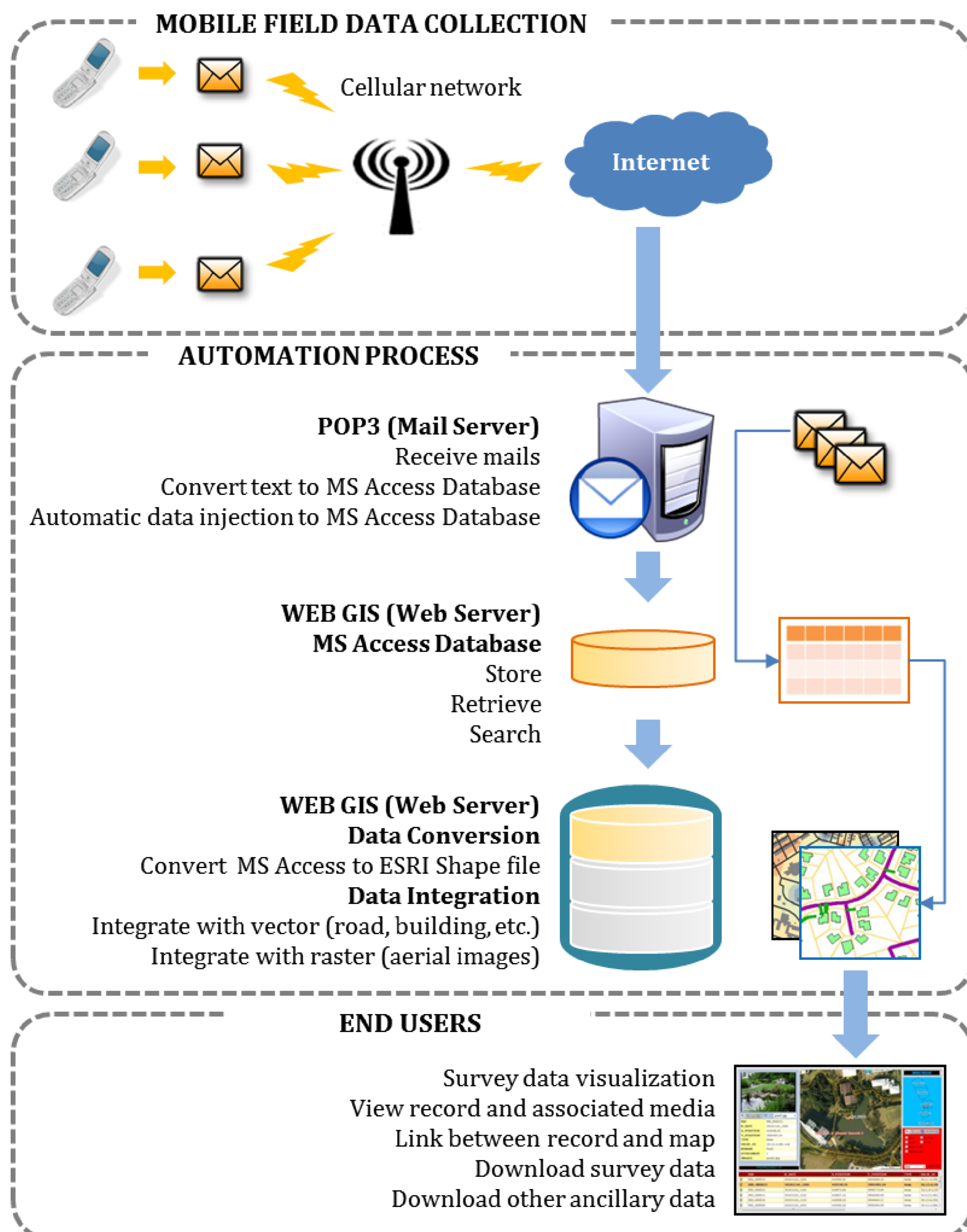
To construct a centralized geodatabase for field data collection in university campus information management system

### 2. OVERVIEW

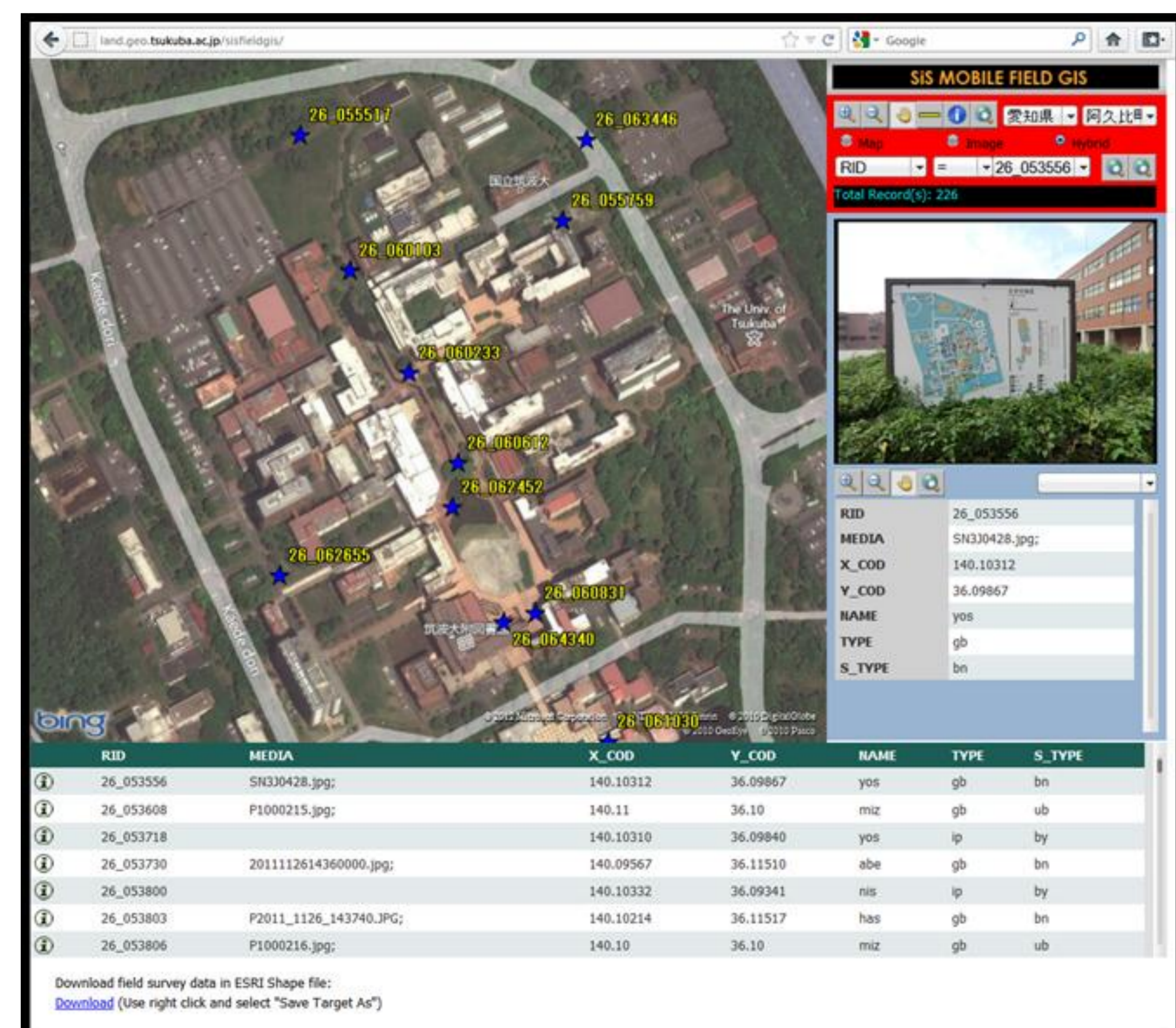


### 3. FIELD DATA COLLECTION METHODS

Using personal mobile phone and smart phone as field data collection Devices



Overview of field data collection by personal mobile phone



Field data collection using smart phone (direct input to pre-defined web survey form)



Personal field data collection by Ultra Mobile Personal Computer (UMPC)

### 4. FIELD DATA COLLECTION BY PERSONAL MOBILE PHONE



Illegal disposals of burnable and unburnable garbage, illegal bicycle and care parking locations collection by personal mobile phone.

### References

Lwin, K. K., & Murayama, Y., (2011), Web-Based GIS System for Real-Time Field Data Collection Using a Personal Mobile Phone, *Journal of Geographic Information Systems*, 3(4) :382-389.