

An internet-based server, which supports discussion and decision making by experts during volcanic crisis

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<http://sakuya.ed.shizuoka.ac.jp/a05kazan/guest/>

An internet-based server, which supports scientists and civil defense officers to discuss and make decision during volcanic crisis, was made. The server hardware consists of 5 Linux CPUs, an internet router, and an UPS. The following 9 functions were built using Perl, PHP, and SQL: 1) member authentication by user ID and password, 2) database of scientific observations collected by members, 3) database of useful clips from external media and web sites, 4) virtual desktop for personal consideration, 5) sharing a virtual desktop with other members, 6) discussion board among members, 7) polling among members, 8) public information board, 9) ftp sender of large-sized files, 10) scheduler for member meeting.