

How Can You Check If Your Home is Fine? : A Solution Offered by CSN Linked with Social Media

SASAKI, Akiko^{1*} ; UUEMATSU, Hiroki² ; TAKEUCHI, Tatsuya³ ; FUJIHARA, Satoru⁴ ; KIM, Ahyi¹

¹Yokohama City University, ²Senshu University, ³Yokohama National University, ⁴ITOCHU Techno-Solutions

Kim et al.(2015) constructed a citizen seismic network (CSN) in Yokohama utilizing MEMS accelerometer and RaspberryPi. To make the network denser, since the network largely rely on people who put the sensor unit in their house, it is important to make sensor unit useful for them not only when earthquake occurs but also in daily life. For this purpose, we developed various applications for the network linked with social media. In the daily life, utilizing a camera module, the sensor unit can for security and/or pet monitor, and when earthquake occurs people can check inside of their house through the internet. Once the unit detect quake it will tweet to let them know that their house felt it. However,if it does not tweet anything even there are earthquake nearby, people might wonder what happened to their house. So we let sensor units make conversation to figure out who felt and did not felt using the network. Utilizing this application, we believe our sensor network enhanced its value. We will keep developing such applications so that make it more useful and let people welcome to put the sensor unit in their house.

Keywords: MEMS accelerometer, Sensor network, Twitter, Facebook, RaspberryPi, earthquake

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Use of social media in Geopark

TOKUDA, Masato^{1*} ; MATSUBARA, Noritaka¹ ; INOKUCHI, Hiroo¹

¹Graduate school of Regional Resource Management,UNIVERSITY OF HYOGO

We report the use of social media in Geopark.

Keywords: Geopark, Social media

Effects of information transmission using the social media in a large active geopark

MATSUBARA, Noritaka^{1*}

¹Graduate School of Regional Resource Management, University of Hyogo

The San'in Kaigan Geopark is located in the west of Japan, spanning approximately 120km from its easternmost point, at Kyogamisaki Cape in the city of Kyotango, to its westernmost point, on the Aoyakaigan Coast in the city of Tottori, and measuring a maximum of 30km from north to south.

In terms of administrative jurisdictions, the Geopark spans a total of three cities and three towns in 3 prefectures (Kyoto Prefecture, Hyogo Prefecture, Tottori Prefecture).

Sharing and generating information is difficult in such a large active geopark. Then, we decided to use a social media to share and generate information smoothly. We created fan page of the geopark to Facebook. We have established an administrator in each area to generate regional information.

Keywords: geopark, facebook, San'in Kaigan Geopark, social media

Results of utilization of facebook for working groups in North Ibaraki Geopark

AMANO, Kazuo^{1*} ; HOSOI, Jun²

¹Faculty of Science, Ibaraki University, ²Graduate School of Science and Engineering, Ibaraki University

Facebook is very useful for the exchange of information because it has many capabilities such as file upload and event planning etc. Since 2012, utilization of facebook for management of four working groups in the North Ibaraki Geopark is carried out. We will present the results of the working groups for geotour and product development.

Keywords: geopark, North Ibaraki Geopark, facebook