

Can the earthquake base station still communicate if it is disconnected

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One of the primary tasks for effective disaster relief after a catastrophic earthquake is robust communication. In this paper, we propose a simple logistic method based on two-parameter ...

By understanding the challenges and solutions in seismic communication, we can improve the reliability and efficiency of seismic data transmission, ultimately saving lives and ...

So during an earthquake, walkie-talkies are the most reliable communication tools for citizen and rescue teams. Two-way radios are widely used in business and rescue, and MOTOROLA's walkie-talkies ...

The article also highlights how these solutions can be implemented in order to solve the failure of communication during disasters. Finally, it sheds light on unresolved challenges, as well as future ...

This paper proposes a Bayesian network method to evaluate the post-earthquake functionality of communication base stations. The method considers the dependence between the ...

First responders don't need a unique device to communicate, they can use radios and their smartphones to send and receive texts, videos and location information for overall situational ...

Abstract--During natural disasters, such as earthquakes, a part of the Internet access infrastructure can be damaged, leaving many users disconnected. At the same time, many people need to ...

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