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the challenges of science outreach: Leveraging mobile technology for earthquake education in Latin America

Traditional methods of science outreach, such as face to face courses and workshops, often face challenges such as limited resources and logistical obstacles. In Latin America and the Caribbean, where access to technology can be uneven, engaging the public with scientific knowledge requires innovative approaches. Recognizing the growing popularity and accessibility of mobile technology, especially among young people, the San Calixto Observatory has developed several digital strategies to promote earthquake safety awareness; with the support of Unifranz University, they launched “Educientistas,” an offline mobile application designed to educate students about earthquake preparedness.

Educientistas is a valuable tool to overcome barriers to science education and provides young people with essential knowledge to mitigate seismic risks. The next steps involve sharing knowledge regarding the ban on nuclear testing and the advantages of the International Monitoring System (IMS) data.

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