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the CTBT Verification Regime through the Socialization of IMS Technologies: Insights from the Permanent Exhibition ¡Habla Tierra! Venezuela, Seismic Country.

The exhibition “¡Habla Tierra! Venezuela, País Sísmico” aims to enhance public awareness and understanding of seismic activities in Venezuela. This article presents the successful implementation of these initiatives and discusses the integration of International Monitoring System (IMS) technologies into the exhibition as a tool to complement the Capacity Building and Training program, highlighting the role of the National Data Centres (NDCs) in the Comprehensive Nuclear-Test-Ban Treaty (CTBT) verification regime, pivotal in advising national authorities on treaty verification. The exhibition “¡Habla Tierra! Venezuela, País Sísmico” is part of a training program where young professionals are trained to multiply knowledge on seismic threat, while introducing the scientific environment where these skills are developed, aiming to encourage the formation of professionals in the geosciences field. This work presents an integrative proposal based on the formative process of the exhibition and its results, to connect, inspire, and integrate diverse communities involved in nuclear-test-ban monitoring to enhance diversity across gender, geography, and generations, and to include early career professionals and youth. It underscores the importance of international cooperation and capacity building in enhancing the verification regime and regional seismic monitoring capabilities.

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