

Curriculum Vitae

MSc. Viana Poveda Brossard



Personal Data:

Name: Viana
Last Name: Poveda Brossard
Birthday: December 14th, 1987
Birthplace: Holguín, Cuba
Nationality: Cuban

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College Degrees: Telecommunications and Electronics Engineering
University of Oriente, Santiago de Cuba, 2010

Master of Science: Telecommunications Systems
University of Oriente, Santiago de Cuba, 2018

Research Institution: Centro Nacional de Investigaciones Sismológicas (CENAIIS)
Calle 17 # 64, Vista Alegre
Santiago de Cuba, Cuba
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Courses and training attended

- Geophysical instrumentation course (CENAIIS, Cuba)
- Vulnerability and Hazard course (CENAIIS, Cuba)
- Joint ICTP – TWAS Conference and Advance School on Quantification of Earthquake Hazards in the Caribbean: The Gonave Microplate (Cuba)
- ICTP School on Applications of Open Spectrum and White Spaces Technologies (ICTP, Italia)

- Digital Television (University of Oriente, Cuba)
- Seismic Data Processing I (CENAIIS, Cuba)
- Digital Signal Processing (University of Oriente, Cuba)
- Global Seismological Observation (IISEE, Japón)
- Joint ICTP-IAEA School on LoRa Enabled Radiation and Environmental Monitoring Sensors (ICTP, Italia)

Languages

Mother tongue: Spanish

I am capable of listening, speaking, reading and writing in English

Scientific Publication

- Modernización de la red sísmica cubana. Instalación, calibración y puesta a punto.
Eduardo R. Diez Zaldívar, Manuel Cuité Mustelier, Cándido Montenegro Moracén, Raúl Palau Cláres, **Viana Poveda Brossard**, Zhou Yinxing, Chen Yang, Wang Fengxia
Revista de Ingeniería, Universidad Central de Venezuela (UCV), ISSN 07984065
- Nueva Red Sísmica Cubana
Memorias de Geociencias, V Congreso Cubano de Geociencias, ISSN 2307499X
DIEZ, E., CUTIE, M., MONTENEGRO, C., PALAU, R., **POVEDA, V.**, YINXING, Z., YANG, C. y FENGXIA, W.
- Estimación del período dominante del suelo, una herramienta en la gestión local del riesgo geológico.
Alexis Ordaz Hernández, Cándido Montenegro Moracén, **Viana Poveda Brossard**
Revista Científica Avances, ISSN 1562 – 3297, RNPS 1893, Vol. 18, No. 2 abril – junio, 2016

Working Experience: 2010-2019

1. Instrumental measurements on structures and soil as part of scientific projects in CENAIIS, mainly for the assessment of threats in different parts of Cuba and the consequent reduction in risk from these.
 - Seismic Risk Assessment, Medical Equipment Enterprise RETOMED, Santiago de Cuba Province.

- Structural Seismic Vulnerability Assessment, Hospital Saturnino Lora Torres.
 - Structural Seismic Vulnerability Assessment, Hospital Infantil, Santiago de Cuba
 - Structural Seismic Vulnerability Assessment, Surgical Hospital: DR. Juan Bruno Zayas Alfonso.
 - Territorial Project: Preliminary evaluation of the seismic vulnerability of bridges structural concrete road network, Santiago de Cuba province.
 - Project: Seismic microzonation for Santiago de Cuba city.
2. Installation and maintenance of Cuban seismic network with 24 bit digitizers and broadband sensors for recording earthquakes signals.
 - Seismometer and accelerometer installation:
 - FSS - 3M, seismic short period sensor
 - BBVS 120, BBVS 60, seismic broadband sensor
 - Trillium Compact, Trillium 120PA, seismic broadband sensor
 - BBAS-2, accelerometer
 - Titan SMA, accelerograph
 - TMA 33, seismic intensity meter
 - Radio links deployment for sending seismic data to the central station to be processed.
 - Data acquisition server management.
 - Search for information and technological efforts to obtain edge equipment from different sources.
 3. Seismic noise studies of Cuban seismic network for seismic data quality improvement.
 4. Member of CENAIIS scientific council.
 5. Instructor professor, Telecommunication Department, University of Oriente.



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