

CURRICULUM VITAE

Personal Data

Name(s): Bladimir
Family Name: Moreno Toirán

Date of Birth: 12/12/1968
Home Address: Edificio A29 Apto.5 Distrito José Martí
Santiago de Cuba. Cuba



Permanent Institute: Centro Nacional de Investigaciones Sismológicas. CENAIIS.
Institute Address: Calle 17 No.61 e/ 4 y 6 Reparto Vista Alegre
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University studies: Licenciado en Cibernética Matemática.

Scientific Degree: MSc and Ph.D. Seismology. University of Bergen. Norway

Institute Position: General Director (Aug 2008 - until 22 dec 2018).

Actual Position: Senior Researcher

Simon's associated of the International Centre of Theoretical Physics. Trieste, Italy (ICTP) (2014-2020)

Training:

Date	Topic
10/1995	International Training Courses on 'Seismology and Seismic Hazard Assessment'. Managua, Nicaragua.
1998-2002.	MSc. and Ph.D. studies in Seismology. University of Bergen. Norway.
05/2007	Workshop on the Physics of Tsunami, Hazard Assessment Methods and Disaster Risk Management. ICTP, Trieste, Italia.
07/2006	Workshop on management of metadata and time series data. Sao Paulo, Brasil.
9/2008	Workshop on Three-Dimensional Modelling of Seismic Waves Generation, Propagation and their Inversion. ICTP, Trieste, Italia
9/2011	Workshop on Non-linear Dynamics and Earthquake Predictions. ICTP, Trieste, Italia.
8/2016	Workshop on Seismology beyond text book. ICTP, Trieste, Italia.

International Research Project:

Date	Topic
1998-2000	PALEOSIS. Paleoseismology in Europe. Countries: Norway, France, Italy, Belgium.
2000-2002	SESAME. Site response studies in Europe. Countries: France, Norway, Greece, Italy, Portugal.
2000-2002	SAFE. Slow active faults in Europe. Countries: Italy, Spain, Norway, France, Belgium.
2010-2012	Seismic Microzoning in Venezuela. Countries: Venezuela, Cuba
2012-2015	Seismic Hazard in Cuba. Countries: Norway, Cuba
2018-2020	TOAWARDS THE REGIONAL PLATFORM OF TELLURIC MONITORING OF FUTURE. PREST PROJECT. FRANCE, MARTINICA,CUBA,HAITI

International Conferences:

Date	Name
1996	• III Taller Internacional Informática y Geociencias GEOINFO'96. Noviembre 1996. Habana
1996	• IV Congreso Internacional sobre Desastres. Noviembre 1996. Habana
2001	• The first IAGA-IASPEI joint scientific assembly, 19-31 August 2001, Hanoi, Vietnam.
2002	• XXVIII General Assembly. European Seismological Commission (ESC), 1 – 7 September, 2002, Genova, Italy.
2009	• III Convención Cubana de Ciencias de la Tierra, GEOCIENCIAS 2009, La Habana, Cuba.
2010	• XI Congreso Internacional sobre Desastres, La Habana, Cuba.
2010	• XV Convención Científica de Ingeniería y Arquitectura, La Habana, Cuba
2011	• IV Convención Cubana de Ciencias de la Tierra, GEOCIENCIAS 2011, La Habana, Cuba
2011	• VIII Convención Internacional sobre MEDIO AMBIENTE Y DESARROLLO, La Habana, Cuba.
2012	• Simposio Terremoto de Haití, una alerta para la Hispaniola, Santo Domingo, Rep.Dominicana.
2013	• XV Convención Informática 2013. Santiago de Cuba, Cuba.
2013	• Annual meeting of American Geophysical Union, AGU 2013, Cancun, Mexico.
2014	• I Convención Internacional de Ciencias Técnicas. Santiago de Cuba, Cuba.
2015	• VI Convención Internacional de Ciencias de la Tierra, La Habana, Cuba.
2016	• II Convención Internacional de Ciencias Técnicas. Santiago de Cuba, Cuba.
2017	• VII Convención Internacional de Ciencias de la Tierra, La Habana, Cuba.
2018	• II Convención Internacional de Ciencias Tecnología e Innovación. La Habana, Cuba
2019	• VIII Convención Internacional de Ciencias de la Tierra, La Habana, Cuba.
2021	• IX Convención Internacional de Ciencias de la Tierra, La Habana, Cuba.
2023	• X Convención Internacional de Ciencias de la Tierra, La Habana, Cuba.

Publications A category:

No.	Name
1	<ul style="list-style-type: none"> Atakan, K., Midzi, V., Moreno, B., Vanneste, K., Camelbeeck, T., and Meghraoui, M., 2000, Seismic hazard in regions of present day low seismic activity: uncertainties in the paleoseismic investigations along the Bree Fault Scarp (Roer Graben, Belgium), <i>Soil Dynamics and Earthquake Engineering</i>, 20, 415-427
2	<ul style="list-style-type: none"> Moreno, B., Grandison, M., and Atakan, K., 2002, Crustal velocity model along the southern Cuban margin: Implications for the tectonic regime at an active plate boundary, <i>Geophysical Journal International</i>, 151, 632-645.
3	<ul style="list-style-type: none"> Moreno, B., 2002, The new Cuban seismograph network, <i>Seismological. Research. Letter.</i>, 73, 504-517.
4	<ul style="list-style-type: none"> Moreno, B., Ottemoller, L., Havskov J., and Olsen, K.A., 2002, SeisWeb : A client –server-architecture-based interactive processing tool for earthquake analysis, <i>Seismological Research Letter</i>, 73, 84-89.
5	<ul style="list-style-type: none"> Moreno, B., 2003, The crustal structure of Cuba derived from Receiver Function Analysis, <i>Journal of Seismology</i>, 7, 359-375.
6	<ul style="list-style-type: none"> Moreno, B., Atakan, K., Furulokken, K. A., Temel, S., and Berland, O.J., 2004, SAFE-tools: A web-based application for identification of active faults, <i>Seismological Research Letter</i>, 75, 207-215.
7	<ul style="list-style-type: none"> Palau, R., Moreno, B., Blanco, M., 2006, Modelo de velocidades sísmicas de Cuba oriental, <i>Revista Geológica de América Central</i>, 34-35:109-119.
8	<ul style="list-style-type: none"> González, O.; Alvarez, J.L.; Moreno, B. y Panza G.F. (2012) S-Wave velocities of the lithosphere-asthenosphere system in the Caribbean region. <i>Pure Appl. Geophys. Springer Basel AG. Volume 169, Numbers 1-2, Pages 101-122. DOI 10.1007/s00024-011-0321-3.</i>
9	<ul style="list-style-type: none"> González, O., Moreno, B. , Romanelli, F. and Panza, G.F., 2012. Lithospheric structure below seismic stations in Cuba from the joint inversion of rayleigh surface waves dispersion and receiver functions, in <i>Geophys. J. Int.</i>, Vol 189, pp. 1047-1059.
10	<ul style="list-style-type: none"> Peng, Z., Gonzalez-Huizar, H., Chao, K., Aiken, C., Moreno, B., Armstrong, G., 2013, Tectonic Tremor beneath Cuba Triggered by the Mw 8.8 Maule and Mw 9.0 Tohoku-Oki Earthquakes, <i>Bull. Seism. Soc. Am.</i>, vol. 103, issue 1, 595-600.
11	<ul style="list-style-type: none"> Alvarez L, Rodriguez AM, Gonzalez OL, Moreno B, Cabrera A, 2018, Seismotectonics of the Nicaraguan Depression from Recent Seismicity. <i>J Geol Geophys</i> 7: 446. doi: 10.4172/2381-8719.1000446.
12	<ul style="list-style-type: none"> B. Moreno and E. Calais, 2021, Evidence of correlation between high frequency geomagnetic variations and seismicity in the Caribbean, <i>Open Journal of Earthquake Research</i> 10 (2), 30-41.
13	<ul style="list-style-type: none"> O González-Matos, ED Arango-Arias, B Moreno-Toirán, M Leyva-Arias 2021, Comportamiento de la actividad sísmica anómala iniciada el 17 de enero de 2016 al sur de Santiago de Cuba, <i>Minería y Geología</i> 37 (2), 130-145.
14	<ul style="list-style-type: none"> B Moreno-Toirán, 2022, A possible theory connecting seismicity and geomagnetic field, <i>Minería y Geología</i> 38 (1), 1-11.
15	<ul style="list-style-type: none"> B Moreno-Toirán, 2022, Informatización de la actividad sísmológica en Cuba, <i>Ciencia en su PC</i> 1 (2), 62-72.
16	<ul style="list-style-type: none"> B Moreno-Toirán, ZC Rivera-Álvarez, M Sørensen, 2022, Modelación estocástica de la aceleración del terreno para Cuba oriental y la ciudad de Santiago de Cuba, <i>Minería y Geología</i> 38 (3), 189-209.
17	<ul style="list-style-type: none"> B Moreno Toiran, A Aoudia, D Manu-Marfo, R Kherchouche, S Pachhai, 2023, Crust–Uppermost Mantle Structure beneath the Caribbean Region from Seismic Ambient Noise Tomography, <i>Bulletin of the Seismological Society of America</i>, ; 113 (3): 1064–1076. doi: https://doi.org/10.1785/0120220062

Publications D category:

No.	Name
1	<ul style="list-style-type: none">• Atakan, K., and Moreno, B., 2000, UNIPAS: A computer software for the treatment of uncertainties in Paleoseismology, <i>Proceedings</i> in HAN2000-potential for large earthquakes in low seismic activity regions of Europe, Workshop 13-17 March 2000, Han-sur-Lesse, Belgium, 19-22.
2	<ul style="list-style-type: none">• Moreno, B., 2002, New magnitude scales and attenuation relation for eastern Cuba, in Ph.D. Tesis: <i>Crustal structure and seismicity of Cuba and Web-based applications for earthquake analysis</i>. University of Bergen, Norway.
3	<ul style="list-style-type: none">• K Atakan, PY Bard, F Kind, B Moreno, P Roquette, A Tendo, 2004, J-SESAME: A standardized software solution for the H/V spectral ratio technique, <i>Proceedings of the 13th World Conference on Earthquake Engineering</i>, 1-6.