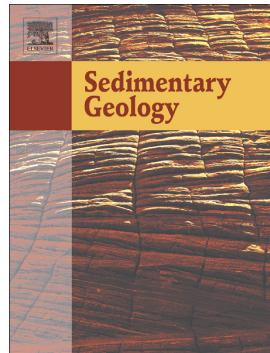


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Sedimentary evidence of historical and prehistorical earthquakes along the Venta de Bravo Fault System, Acambay Graben (Central Mexico)

Pierre Lacan^{a,*}, María Ortuño^b, Laurence Audin^c, Hector Perea^{d,e}, Stephane Baize^f, Gerardo Aguirre-Díaz^a, F. Ramón Zúñiga^a

^a Centro de Geociencias, Universidad Nacional Autónoma de México, Blvd. Juriquilla, 3001, 76230, Juriquilla, Querétaro, Mexico

^b RISKNAT group, Geomodels institute, Earth and Ocean Dynamics Department, Universitat de Barcelona, C/ Martí i Franquès s/n, 08028, Barcelona, Spain.

^c Institut des Sciences de la Terre, ISTerre, IRD, Université Joseph Fourier, Grenoble I, OSUG, France.

^d Barcelona-CSI, Institut de Ciències del Mar - CSIC, CMIMA, Psg. Martim de la Barceloneta, 37-49, 08003, Barcelona, Spain.

^e GRD, Scripps Institution of Oceanography - University of California San Diego, La Jolla 92093, USA.

^f Institut de Radioprotection et Sûreté Nucléaire (IRSN), BP 17, 92262 Fontenay-aux-Roses, France.

Abstract: The Venta de Bravo normal fault is one of the longest structures in the intra-arc fault system of the Trans-Mexican Volcanic Belt. It defines, together with the Pastores Fault, the 80 km long southern margin of the Acambay Graben. We focus on the westernmost segment of the Venta de Bravo fault and provide new paleoseismological information, evaluate its earthquake history, and assess the related seismic hazard. We analyzed five trenches, distributed at three different sites, in

* Corresponding Autor. E-mail address: placan@geociencias.unam.mx (P. Lacan).

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