



Boletín de Novedades Geocientíficas **N° 2 – Febrero 2020**

Artículos de Revistas



Impacts of topography and land use changes on the air surface temperature and precipitation over the central Peruvian Andes

Saavedra, Miguel; Junquas, Clémentine; Espinoza, Jhan-Carlo; Silva Vidal, Yamina

Atmospheric Research, vol. 234, art. 104711, 17 p., April 2020

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**Boletín de
Geología**

Estudio de prospección geoquímica en sedimentos de las microcuencas Chirimoyo y Guineo, Ecuador

Manrique Carreño, John Luis; Guamán Jaramillo, Galo Alexander

vol. 42, n. 1, pp. 39-55, Enero-Abril 2020

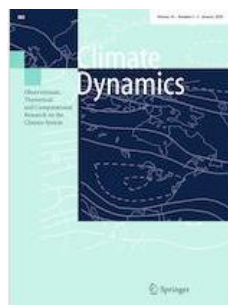
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Proposal for geological classification and nomenclature of soils: both genetic-descriptive and compositional-mineralogical

Manrique Llerena, Nélica; Samaniego Eguiguren, Pablo; Médard, Etienne; Schiavi, Federica; Mariño Salazar, Jersy; Liorzou, Céline

vol. 42, n. 1, pp. 81-97, Enero-Abril 2020

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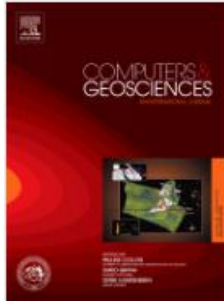


Climate diagnostics of the extreme floods in Peru during early 2017

Son, Rackhun; Wang, S.-Y. Simon; Tseng, Wan-Ling; Barreto Schuler, Christian W.; Becker, Emily; Yoon, Jin-Ho

Climate Dynamics, vol. 54, n. 1-2, pp. 935-945, January 2020

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**Computers &
Geosciences**

The GeoCore ontology: A core ontology for general use in Geology

García, Luan Fonseca; Abel, Mara; Perrin, Michel; Alvarenga, Renata dos Santos

vol. 135, art. 104387, 9 p., February 2020

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Rapid multispectral data sampling using Google Earth Engine

Brooke, Sam A.S.; D'Arcy, Mitch; Mason, Philippa J.; Whittaker, Alexander C.

vol. 135, art. 104366, 12 p., February 2020

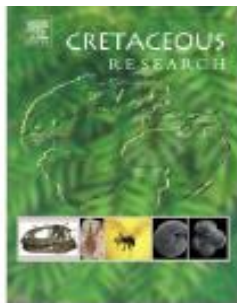
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A multi-task multi-class learning method for automatic identification of heavy minerals from river sand

Li, Na; Hao, Huizhen; Jiang, Zhiwei; Jiang, Feng Guo, Ronghua Gu, Qing Hu, Xiumian

vol. 135, art. 104403, 12 p., February 2020

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The first dinosaur remains from the Cretaceous of Ecuador

Apesteguía, Sebastián; Soto Luzuriaga, John E.; Gallina, Pablo A.; Tamay Granda, José; Guamán Jaramillo, Galo A.

Cretaceous Research, vol. 108, art. 104345, 9 p., April 2020

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**Economic
Geology**

The Zn-Pb mineralization of Florida Canyon, an evaporite-related Mississippi Valley-Type deposit in the Bongará district, northern Peru

Oliveira, Saulo Batista de; Leach, David L.; Juliani, Caetano; Monteiro, Lena Virginia Soares; Johnson, Craig A.

vol. 114, n. 8, pp. 1621-1647, November 2019

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Classifying skarns and quantifying metasomatism at the Antamina deposit, Peru: insights from whole-rock geochemistry

Mrozek, Stephanie A.; Chang, Zhaoshan; Spandler, Carl J.; Windle, Stephen J.; Raraz, César; Paz, Alberto

vol. 115, n. 1, pp. 177-188, January 2020

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Lithology controlled soil organic carbon stabilization in an alpine grassland of the Peruvian Andes

Yang, Songyu; Jansen, Boris; Kalbitz, Karsten; Chunga Castro, Fresia O.; van Hall, Rutger L.; Cammeraat, Erik L.H.

Environmental Earth Sciences, vol. 79, n. 2 (66), 15 p., January 2020

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**Geophysical Research
Letters**

A model of shallow viscoelastic relaxation for seismically induced tension cracks in the Chile-Peru forearc

Luo, H.; Wang, K.; Sone, H.; He, J.

vol. 46, n. 19, pp. 10773-10781, October 2019

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Groundwater buffers decreasing glacier melt in an Andean watershed: but not forever

Somers, Lauren D.; McKenzie, Jeffrey M.; Mark, Bryan G.; Lagos, Pablo; Crystal Ng, Gene-Hua, et al.

vol. 46, n. 22, pp. 13016-13026, November 2019

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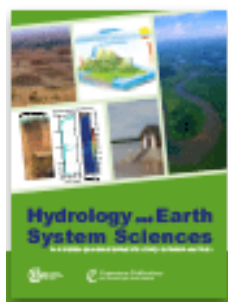


Control of seasonal and inter-annual rainfall distribution on the Strontium-Neodymium isotopic compositions of suspended particulate matter and implications for tracing ENSO events in the Pacific coast (Tumbes basin, Peru)

Moquet, Jean-Sébastien; Morera, Sergio; Turcq, Bruno; Poitrasson, Franck; Roddaz, Martin, et al.

Global and Planetary Change, vol. 185, art. 103080, 12 p., January 2020

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Reconstruction of the 1941 GLOF process chain at Lake Palcacocha (Cordillera Blanca, Peru)

Mergili, Martin; Pudasaini, Shiva P.; Emmer, Adam; Fischer, Jan-Thomas; Cochachin Rapre, Alejo; Frey, Holger

Hydrology and Earth System Sciences, vol. 24, n. 1, pp. 93-114, January 2020

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Structural survey and empirical seismic vulnerability assessment of dwellings in the historical centre of Cusco, Peru

Brando, Giuseppe; Cocco, Giulia; Mazzanti, Claudio; Peruch, Matteo; Spacone, Enrico, et al.

International Journal of Architectural Heritage, Conservation, Analysis, and Restoration, 29 p., November 2019

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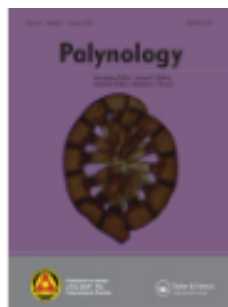


The Western Amazonia igneous belt

Rizzotto, Gilmar J.; Alves, Cléber Ladeira; Rios, Francisco Sene; Barros, Márcia Aparecida de Sant Ana

Journal of South American Earth Sciences, vol. 96, art. 102326, 12 p., December 2019

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Neogene palynostratigraphic zonation of the Marañón basin (Western Amazonia, Peru)

Parra, Francisco Javier; Navarrete, Rosa E.; di Pasquo, Mercedes M.; Roddaz, Martin; Calderón, Ysabel; Baby, Patrice

Palynology, 42 p., December 2019

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Remote Sensing of Environment

Satellite and close range analysis for the surveillance and knowledge improvement of the Nasca geoglyphs

Masini, Nicola; Lasaponara, Rosa

vol. 237, art. 111447, 19 p., January 2020.

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Evaluation of ASTER GDEM2, SRTMv3.0, ALOS AW3D30 and TanDEM-X DEMs for the Peruvian Andes against highly accurate GNSS ground control points and geomorphological-hydrological metrics

González Moradas, María del Rosario; Viveen, Willem

vol. 237, art. 111509, 19 p., February 2020.

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Surface materials and landforms as controls on InSAR permanent and transient responses to precipitation events in a hyperarid desert, Chile

Jordán, Teresa E.; Lohman, Rowena B.; Tapia, Lorenzo; Pfeiffer, Marco; Scott, Chelsea P., et al.

vol. 237, art. 111544, 18 p., February 2020.

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de Investigación
FIGMMG**

Análisis de intensidad de deslizamiento en función de volúmenes removidos en la Quebrada Tingoragra, distrito de Huánuco como aporte para evaluación de riesgos

Javier Silva, Luz Alexandra; Alcántara Boza, Francisco Alejandro; Susanibar Zevallos, Jorge Luis

vol. 22, n. 44, pp. 47-56, Julio-Diciembre 2019

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Análisis ambiental del aluvión del año 2015 en la quebrada Rayo de Sol, Chosica, Lima, Perú

Malca Casavilca, Nora; Espinoza Pereyra, Marcos

vol. 22, n. 44, pp. 57-64, Julio-Diciembre 2019

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Temporal multispectral and 3D analysis of Cerro de Pasco, Peru

Melton, C.A.; Hughes, D.C.; Page, D.L.; Phillips, M.S.

Science of the Total Environment, vol. 706, art. 135640, 9 p., March 2020

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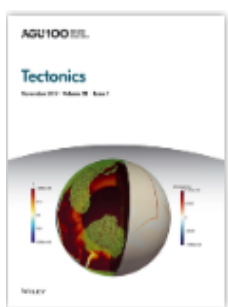


The (mythical) M 8.2 off coast of Peru earthquake of 12 December 1908

Di Giacomo, Domenico; Dewey, James W.

Seismological Research Letters, vol. 91, n. 1, pp. 488-498, January 2020

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Innovations in (U-Th)/he, fission track, and trapped charge thermochronometry with applications to earthquakes, weathering, surface-mantle connections, and the growth and decay of mountains

Ault, Alexis K.; Gautheron, Cécile; King, Georgina E.

Tectonics, vol. 38, n. 11, pp. 3705-3739, November 2019

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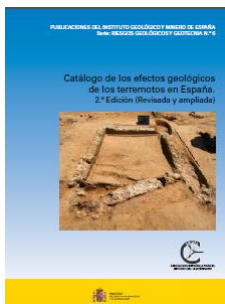
Electrochemical gold precipitation to explain extensive vertical and lateral mineralization in the world-class Poderosa-Pataz district, Peru

Gaboury, Damien; Oré Sanchez, Carlos

Terra Nova, vol. 32, n. 1, pp. 97-107, February 2020

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LIBROS Y TESIS EN FORMATO DIGITAL



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Madrid: Instituto Geológico y Minero de España / Asociación Española para el Estudio del Cuaternario, 2019, 802 p.

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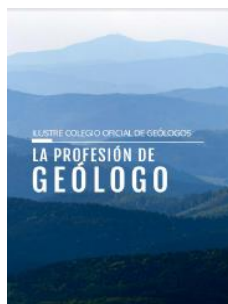


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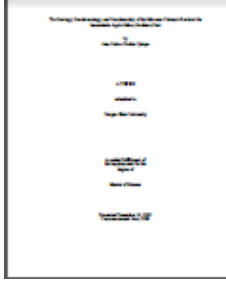


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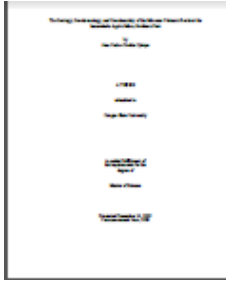


Evidence for a subseafloor replacement origin of the Cretaceous Palma volcanogenic massive sulfide deposit, central Peru

McKeon, Jeffrey

R Golden, CO: Colorado School of Mines, 2019, 55 p.

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The geology, geochronology, and geochemistry of the Miocene volcanic rocks at the Inmaculada Ag-Au Mine, southern Peru

Cuellar Quispe, Juan Carlos

Corvallis, OR: Oregon State University, 2020, 149 p.

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