



## **Boletín de Novedades Geocientíficas**

### **N° 6, Junio 2020**

#### **ARTICULOS DE REVISTAS**

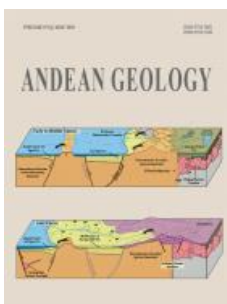


***Trace metal stream contamination in a post peak water context: Lessons from the Cordillera Blanca, Peru***

Guittard, Alexandre; Baraer, Michel; McKenzie, Jeffrey M.; Mark, Bryan G.; Cochachin Rapre, Alejo, et al.

ACS Earth and Space Chemistry, vol., n. 4, April 2020, pp. 506-514

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***Arquitectura estratigráfica, paleogeografía y proveniencia sedimentaria de las rocas cenozoicas del sur de Perú (Tacna, 18° S)***

Alván De la Cruz, Aldo Alfonso; Bustamante Gonzales, Fausta Yacory; Sánchez Chimpay, Elvis; Mamani Huisa, Mirian Iren

Andean Geology, vol. 47, n. 2, May 2020, pp. 351-383

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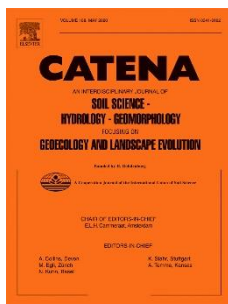


***A rhinopristiform sawfish (genus *Pristis*) from the middle Eocene (Lutetian) of southern Peru and its regional implications***

Collareta, Alberto; Tejada Medina, Luz Marina; Chacaltana Budiel, César Augusto; Landini, Walter; Altamirano Sierra, Ali J., et al.

Carnets de Geologie, vol. 20, no. 5, March 2020, pp. 91-105

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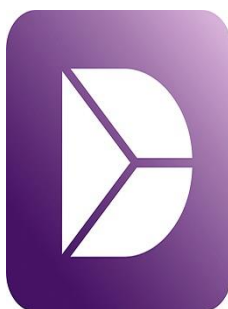


### **Heavy metals in alluvial gold mine spoils in the Peruvian amazon**

Velásquez Ramírez, Manuel Gabriel; Guerrero Barrantes, Juan Antonio; Thomas, Evert; Gamarra Miranda, Luis Alfredo; Pillaca, Martin, et al.

CATENA, vol. 189, art. 104454, June 2020, 9 p.

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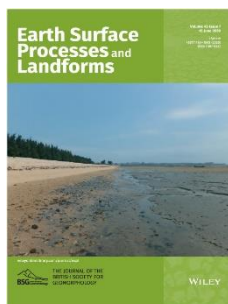


### **Data on the concentration of heavy metals and metalloids in lotic water of the Mantaro river watershed and human risk assessment, Peru**

Custodio, María; Peñaloza, Richard; Espinoza, Ciro; Peralta Ortiz, Tessy; Ordinola Zapata, Alberto, et al.

Data in Brief, vol. 30, art. 105493, June 2020, 11 p.

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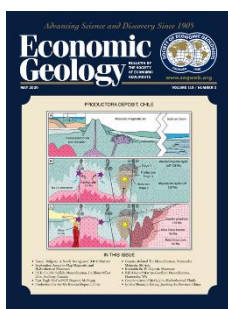


### **Glacial lake depth and volume estimation based on a large bathymetric dataset from the Cordillera Blanca, Peru**

Muñoz, Randy; Huggel, Christian; Frey, Holger; Cochachin Rapre, Alejo; Haeblerli, Wilfried

Earth Surface Processes and Landforms, vol. 45, n. 7, June 2020, pp. 1510-1527

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### **Mapping magmatic and hydrothermal processes from routine exploration geochemical analyses**

Halley, Scott

Economic Geology, vol. 115, n. 3, May 2020, pp. 489-503

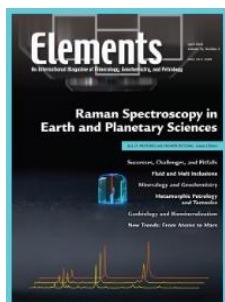
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### **The Productora Cu-Au-Mo deposit, Chile: A Mesozoic magmatic-hydrothermal breccia complex with both porphyry and iron oxide Cu-Au affinities**

Escolme, Angela; Cooke, David R; Hunt, Julie A.; Berry, Ron F.; Maas, Roland; Creaser, Robert A.

Economic Geology, vol. 115, n. 3, May 2020, pp. 543-580

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**Applications of Raman spectroscopy in mineralogy and geochemistry**

Nasdala, Lutz; Schmidt, Christian

Elements, vol. 16, n. 2, April 2020, pp. 99-104

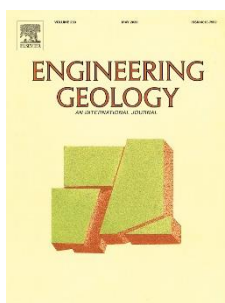
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**Applications of Raman spectroscopy in metamorphic petrology and tectonics**

Korsakov, Andrey V.; Kohn, Matthew J.; Perraki, Maria

Elements, vol. 16, n. 2, April 2020, pp. 105-110

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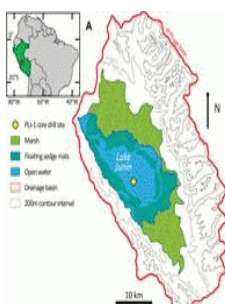


**A probabilistic seismic hazard assessment of southern Peru and Northern Chile**

Das, Ranjit; González, Gabriel A.; de la Llera, Juan Carlos; Sáez, Esteban; Salazar, Pablo, et al.

Engineering Geology, vol. 271, art. 105585, June 2020, 15 p.

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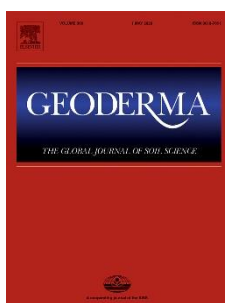


**Paleomagnetic constraint of the Brunhes age sedimentary record from lake Junín, Peru**

Hatfield, Robert G.; Stoner, Joseph S.; Solada, Katharine E.; Morey, Ann E.; Woods, Arielle, et al.

Frontiers in Earth Science, vol. 8, art. 147, June 2020, 18 p.

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**Selective stabilization of soil fatty acids related to their carbon chain length and presence of double bonds in the Peruvian Andes**

Yang, Songyu; Jansen, Boris; Absalah, Samira; Kalbitz, Karsten; Cammeraat, Erik L.H.

Geoderma, vol. 373, art. 114414, August 2020, 10 p.

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## Geomorphology

### **Geomorphological evolution of the Chimpa stratovolcano in the back-arc region of the Central Andes**

Bustos, Emilce; Amosio, Marcelo; Báez, Walter Ariel; Norini, Gianluca; Suzaño, Néstor Omar; Viramonte, José Germán

vol. 364, art. 107251, September 2020, 15 p.

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### **70 years of lake evolution and glacial lake outburst floods in the Cordillera Blanca (Peru) and implications for the future**

Emmer, Adam; Harrison, Stephan; Mergili, Martin; Allen, Simon; Frey, Holger; Huggel, Christian

vol. 365, art. 107178, September 2020, 10 p.

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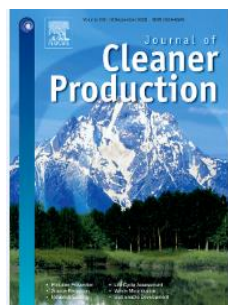


### **Observations and dynamical implications of active normal faulting in South Peru**

Wimpenny, Sam; Benavente Escobar, Carlos Lenin; Copley, Alex; García Fernández Baca, Briant; Rosell Guevara, Lorena Nicole; O'Kane, Aisling; Aguirre Alegre, Enoch Matthew

Geophysical Journal International, vol. 222, n. 1, July 2020, pp. 27-53

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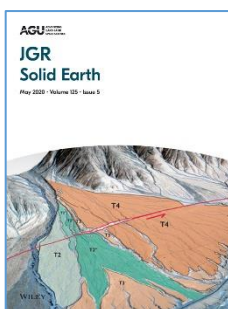


### **Fighting the climate crisis in persistently unequal land regimes: Natural protected areas in the Peruvian Amazon**

Paredes S., Maritza; Kaulard, Anke

vol. 265, art. 121605, August 2020, 9 p.

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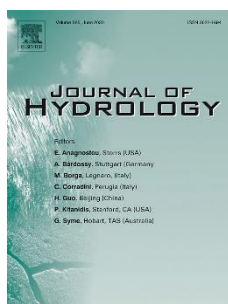


### **Volcano-tectonic interactions at Sabancaya volcano, Peru: eruptions, magmatic inflation, moderate earthquakes, and fault creep**

MacQueen, Patricia; Delgado, Francisco; Reath, Kevin A.; Pritchard, Matthew E.; Bagnardi, Marco; Milillo, Pietro; Lundgren, Paul; Macedo, Orlando; Aguilar, Victor; Ortega, Mayra; Anccasi, Rosa; Lazarte Zerpa, Ivonne Alejandra; Miranda, Rafael

Journal of Geophysical Research: Solid Earth, vol. 125, n. 5, 33 p., May 2020

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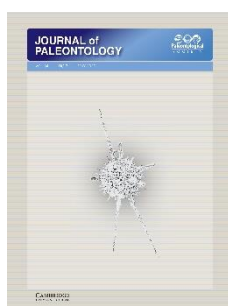


***Influence of glacial sediments on the chemical quality of surface water in the Ulta valley, Cordillera Blanca, Peru***

Magnússon, Rúna; Cammeraat, Erik L.H.; Lücke, Andreas; Jansen, Boris; Zimmer, Anaïs; Recharte, Jorge

Journal of Hydrology, vol. 587, art. 125027, 16 p., August 2020

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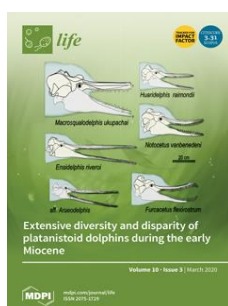


***Phragmolites (Gastropoda) from the Late Ordovician of the Peruvian Altiplano***

Ebbestad, Jan Ove R.; Gutiérrez Marco, Juan Carlos

Journal of Paleontology, vol. 94, n. 2, March 2020, pp. 255-265

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***Extensive diversity and disparity of the early miocene platanistoids (Cetacea, odontoceti) in the Southeastern Pacific (Chilcatay Formation, Peru)***

Bianucci, Giovanni; Muizon, Christian de; Urbina Schmitt, Mario; Lambert, Olivier

Life, vol. 10 n. 3, art. 27, March 2020, 62 p.

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**Natural Resources  
Research**

***Boosting for Mineral Prospectivity Modeling: A New GIS Toolbox***

Brandmeier, Melanie; Cabrera Zamora, Irving Gibran; Nykänen, Vesa; Middleton, Maarit

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***Using clustered heat maps in mineral exploration to visualize volcanic-hosted massive sulfide alteration and mineralization***

Feltrin, Leonardo; Bertelli, Martina

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***Hydrogeologic characterization of a fault-related dome using outcrop, borehole and electrical resistivity data***

Attwa, Mohamed; Henaish, Ahmed; Zamzam, Sara

vol. 29, n. 2, April 2020, pp. 1143-1161

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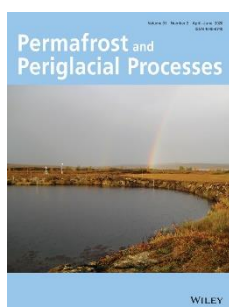


***Irrigation-triggered landslides in a Peruvian desert caused by modern intensive farming***

Lacroix, Pascal; Dehecq, Amaury; Taipe Maquehua, Edu Luis

Nature Geoscience, vol. 13, n. 1, January 2020, pp. 56-60

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***Current thermal state of permafrost in the southern Peruvian Andes and potential impact from El Niño–Southern Oscillation (ENSO)***

Yoshikawa, Kenji; Ubeda Palenque, José; Masías Alvarez, Pablo Jorge; Pari Pinto, Walter; Apaza Choquehuayta, Fredy Erlington; Vásquez Choque, Estibene Pool; Ccallata Pacsi, Beto; Concha Niño de Guzmán, Ronald Fernando, et al.

Permafrost and Periglacial Processes, May 2020, 12 p.

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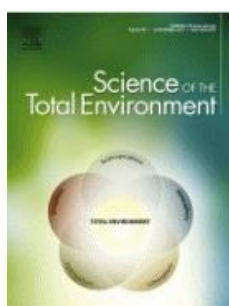


***Integrated chronostratigraphy and taphonomic studies in Miocene sedimentary successions of the east Pisco basin (Peru)***

Bosio, Giulia

Plinius, n. 45, 2019, 8 p.

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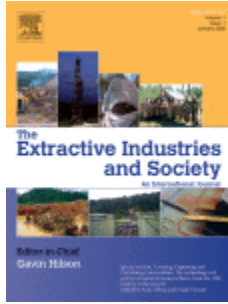


***Distinct types of landslides in moraines associated with the post-LIA glacier thinning: Observations from the Kinzl Glacier, Huascarán, Peru***

Emmer, Adam; Klimeš, Jan; Hölbling, Daniel; Abad, Lorena; Draebing, Daniel, et al.

Science of The Total Environment, vol. 739, art. 139997, October 2020, 15 p.

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**Voces Mineras: Clarifying the future of artisanal and small-scale mining collaborations)**

Smits, Kathleen M.; McDonald, Libby; Smith, Nicole M.; González, Fernando; Lucena, Juan C.; Martínez, Gerardo; Restrepo Baena, Oscar Jaime; Rosas, Silvia

vol. 7, n. 1, January 2020, pp. 68-72

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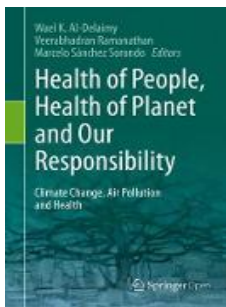
**Green innovation in natural resource industries: The case of local suppliers in the Peruvian mining industry**

Aron, Ana Sofía; Molina, Oswaldo

vol. 7, n. 2, April 2020, pp. 353-365

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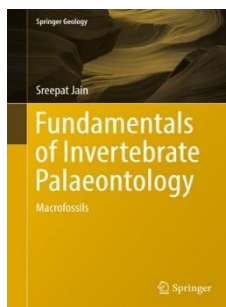


**Health of people, health of planet and our responsibility: climate change, air pollution and health**

Al-Delaimy, Wael; Ramanathan, Veerabhadran; Sánchez Sorondo, Marcelo, eds

Cham: Springer, 2020, xxiii, 417 p.

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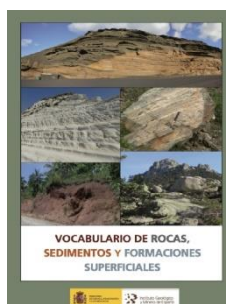


**Fundamentals of invertebrate palaeontology: macrofossils**

Jain, Sreepat

New Delhi: Springer, 2017, 405 p.

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**Vocabulario de rocas, sedimentos y formaciones superficiales**

Díaz de Neira Sánchez, José Alberto, dir.

Madrid: Instituto Geológico y Minero de España, 2019, 160 p.

[Ver Libro](#)



**Las aguas subterráneas en la legislación iberoamericana: retos y oportunidades**

Fornés Azcoiti, Juan María, ed.

Madrid: Instituto Geológico y Minero de España, 2019, 209 p.

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**Análisis estructural de la configuración relacionada con la mineralización Cordillera Negra, región Ancash – Perú**

Caycho Vilca, Yordy Jesús

Tesis Ingeniero Geólogo. Lima: UNMSM, 2019, 143 p.

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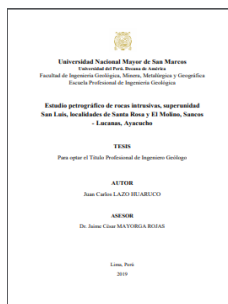


**Controles metalogénicos de los depósitos de sulfuros masivos volcanogénicos (VMS) en la Cuenca Casma, Subcuenca Cañete, Perú**

Jara Torres, Rosa Liliana

Tesis Ingeniero Geólogo. Lima: UNMSM, 2019, 100 p.

[Ver Tesis](#)



**Estudio petrográfico de rocas intrusivas, superunidad San Luis, localidades de Santa Rosa y El Molino, Sancos - Lucanas, Ayacucho**

Lazo Huaruco, Juan Carlos

Tesis Ingeniero Geólogo. Lima: UNMSM, 2019, 121 p.

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