



Boletín de Novedades Geocientíficas N° 7, Julio 2020

ARTICULOS DE REVISTAS

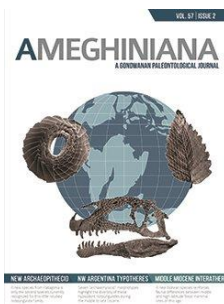


What is a bad flood? Local perspectives of extreme floods in the Peruvian Amazon

Langill, Jennifer C.; Abizaid, Christian

Ambio, vol. 49, n. 8, August 2020, pp. 1423-1436

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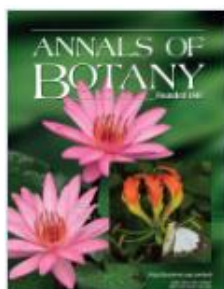


The First Record of a Miocene Terrestrial Mammal (Astrapotheria: Uruguaytheriinae) from Northern Coastal Peru

Croft, Darin A.; Martinez, Jean-Noel; Tapia, Pedro M.

Ameghiniana, vol. 57, n. 2, May 2020, pp. 146-158

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The Piedra Chamana fossil woods and leaves: a record of the vegetation and palaeoenvironment of the Neotropics during the late middle Eocene

Woodcock, Deborah W.; Meyer, Herbert W.

Annals of botany, vol. 125, n. 7, June 2020, pp. 1077-1089

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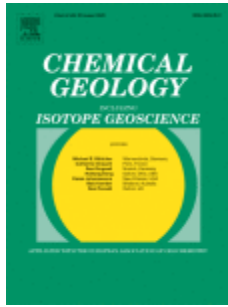


Development of a fragility and vulnerability model for global seismic risk analyses

Martins, Luis; Silva, Vitor

Bulletin of Earthquake Engineering, June 2020, 27 p.

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Chemical Geology

Geothermometry using minor and trace elements in igneous and hydrothermal magnetite

Canil, Dante; Lacourse, Terri

vol. 541, art. 119576, May 2020, 11 p.

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Dolomite cation order in the geological record

Pina, Carlos M.; Pimentel, Carlos; Crespo, Ángel

vol. 547, 119667, August 2020, 8 p.

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Fluorite as indicator mineral in iron oxide-copper-gold systems: explaining the IOCG deposit diversity

Schlegel, Tobias U.; Wagner, Thomas; Fusswinkel, Tobias

vol. 548, 119674, August 2020, 10 p.

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Glacier and climate evolution in the Pariacacá Mountains, Peru

López Moreno, Juan Ignacio; Navarro, F.; Izaguirre, Eñaut; Alonso, Esteban; Rico, Ibai, et al.

Cuadernos de Investigación Geográfica, vol. 46, n. 1, June 2020, pp. 127-139

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Earth and Planetary Science Letters

Stress evolution during the megathrust earthquake cycle and its role in triggering extensional deformation in subduction zones

Herman, Matthew W.; Govers, Rob

vol. 544, art. 116379, August 2020, 12 p.

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Reappraisal of the relative importance of dynamic topography and Andean orogeny on Amazon landscape evolution

Bicudo, Tacio Cordeiro; Sacek, Victor; Almeida, Renato Paes

vol. 546, art. 116423, September 2020, 13 p.

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The distribution of sediment residence times at the foot of mountains and its implications for proxies recorded in sedimentary basins

Carretier, Sébastien; Guerit, Laure; Harries, Rebekah M.; Regard, Vincent; Maffre, Pierre; Bonnet, Stéphane

vol. 546, art. 116448, September 2020, 14 p.

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Earth-Science Reviews

Widening of the Andes: An interplay between subduction dynamics and crustal wedge tectonics

Martinod, Joseph; G rault, M lanie; Husson, Laurent; Regard, Vincent

vol. 204, art. 103170, May 2020, 18 p.

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Love is in the Earth: A review of tellurium (bio)geochemistry in surface environments

Missen, O.P.; Ram, Rahul; Mills, Stuart J.; Etschmann, Barbara E.; Reith, Frank, et al.

vol. 204, art. 103150, May 2020, 30 p.

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Monitoring inland water quality using remote sensing: potential and limitations of spectral indices, bio-optical simulations, machine learning, and cloud computing

Sagan, Vasit; Peterson, Kyle T.; Maimaitijiang, Maitiniyazi; Sidike, Paheding; Sloan, John, et al.

vol. 205, art. 103187, June 2020, 31 p.

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Earthquake early warning: Recent advances and perspectives

Cremen, Gemma; Galasso, Carmine

vol. 205, art. 103184, June 2020, 15 p.

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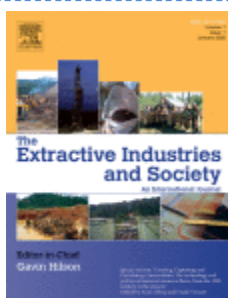


Aboveground carbon emissions from gold mining in the Peruvian Amazon

Csillik, Ovidiu; Asner, Gregory P.

Environmental Research Letters, vol. 15, n. 1, art. 014006, 2020, 12 p.

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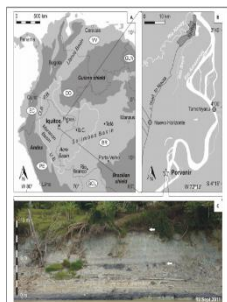


Extractive industry revenues and the subnational resource curse: The case of the Peruvian Andes

Carrillo Hoyos, Sandra

Extractive Industries and Society, vol. 6, n. 4, November 2019, pp. 1134-1142

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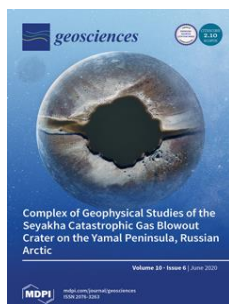


Saline waters in Miocene western Amazonia – an alternative view

Gross, Martin; Piller, Werner E.

Frontiers in Earth Science, vol. 8, art. 116, May 2020, 15 p.

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Geosciences

Rockfall hazard assessment in volcanic regions based on ISVS and IRVS geomechanical indices

González de Vallejo, Luis I.; Hernández Gutiérrez, Luis E.; Miranda, Ana; Ferrer, Mercedes

vol. 10, vol. 10, n. 6, art. 220, June 2020, 28 p.

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Distribution and transport of thermal energy within magma-hydrothermal systems

Eichelberger, John C.

vol. 10, vol. 10, n. 6, art. 212, June 2020, 18 p.

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Objective and subjective conditions for the continuity of the Peruvian extractive development model

Lust, Jan

Globalizations, vol. 16, n. 7, 2019, pp. 1232-1246

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Subduction, mantle metasomatism, and gold: A dynamic and genetic conjunction

Groves, David I.; Zhang, Liang; Santosh, M.

GSA Bulletin, vol. 132, n. 7-8, July-August 2020, pp. 1419-1426

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Flexural bending curvature and yield zone of subducting plates

Zhang, Fan; Lin, Jian; Zhou, Zhiyuan

International Geology Review, vol. 62, n. 7-8, 2020, pp. 859-886

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The Inca in the Plaza: debating change in the World Heritage historic urban centre of Cusco, Peru

Silverman, Helaine

International Journal of Heritage Studies, April 2020, 18 p.

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Optimized method of estimating mineral reserves using the O'Hara mathematical model for underground mining in Peru

Torres Sánchez, V.; Olivas Maldonado, P.; Díaz Huaina, Guillermo; Raymundo Ibañez, Carlos; Pérez, Moisés

vol. 758, art. 012016, 2020, 5 p.

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Optimal mesh design methodology considering geometric parameters for rock fragmentation in open-pit mining in the Southern Andes of Peru

Zamora Paredes, V.; Arauzo Gallardo, L.; Raymundo Ibañez, Carlos; Pérez, Moisés

vol. 758, art. 012015, 2020, 5 p.

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Empirical and numerical finite-element-based model to improve narrow vein mine design in Peruvian mining

Belizario Calsin, M.; Condori Cárdenas, R.; Pehovaz Alvarez, H.; Raymundo Ibañez, Carlos; Pérez, Moisés

vol. 758, art. 012014, 2020, 5 p.

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Journal of Flood Risk Management

Exploring protective decision-making in the context of impact-based flood warnings

Meléndez Landaverde, Erika R.; Werner, Micha; Verkade, Jan

vol. 13 n. 1, art. e12587, March 2020, 11 p.

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Managing muddy floods: Balancing engineered and alternative approaches

Boardman, John; Vandaele, Karel

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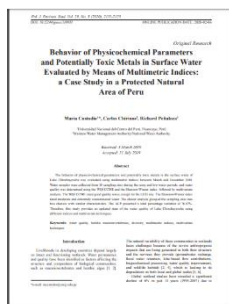


Influence of the El Niño phenomenon on shoreline evolution. Case study: Callao bay, Perú

Guzmán, Emanuel; Ramos, Carmela; Dastgheib, Ali

Journal of Marine Science and Engineering, vol. 8, n. 2, art. 90, February 2020, 16 p.

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Behavior of physicochemical parameters and potentially toxic metals in surface water evaluated by means of multimetric indices: A case study in a protected natural area of Peru

Custodio, María; Chirinos, Carlos; Peñaloza, Richard

Polish Journal of Environmental Studies, vol. 29, n. 3, 2020, pp. 2111-2123

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Archaeological climate proxies and the complexities of reconstructing Holocene El Niño in coastal Peru

Sandweiss, Daniel H.; Andrus, C. Fred T.; Kelley, Alice R.; Maasch, Kirk A.; Reitz, Elizabeth J.; Roscoe, Paul B.

Proceedings of the National Academy of Sciences of the United States of America, vol. 117, n. 15, April 2020, pp. 8271-8279

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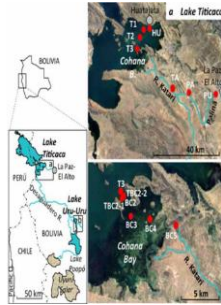


Mercurio en un arroyo altoandino con alto impacto por minería aurífera artesanal (La Rinconada, Puno, Perú)

Loza Del Carpio, Alfredo Ludwig; Ccancapa Salcedo, Yenny

Revista Internacional de Contaminación Ambiental, vol. 36, n. 1, Febrero 2020, pp. 33-44

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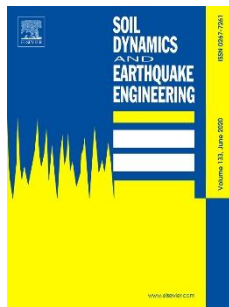


Extreme arsenic bioaccumulation factor variability in Lake Titicaca, Bolivia

Sarret, Géraldine; Guédron, Stéphane; Acha, Dario; Bureau, Sarah; Arnaud Godet, Florent, et al.

Scientific Reports, vol. 9, art. 10626, July 2019, 12 p.

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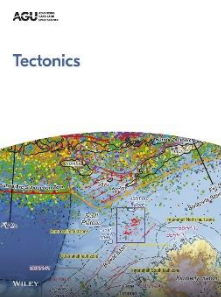


Performance-based assessment of the seismic pseudo-static coefficient used in slope stability analysis

Macedo, Jorge; Candia, Gabriel

Soil Dynamics and Earthquake Engineering, vol. 133, art. 106109, June 2020, 13 p.

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Coupled Andean growth and foreland basin evolution, Campanian–Cenozoic Bagua basin, northern Peru

Moreno, Federico; Garzzone, Carmala N.; George, Sarah W.M.; Horton, Brian Keith; Williams, Lauren; Jackson, Lily J.; Carlotto Caillaux, Víctor Santiago, et al.

Tectonics, vol. 39, n. 7, art. e2019TC005967, July 2020, 24 p.

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Sabrié Marie-Lise; Mourier, Thomas; Lavagne, Corinne, dirs.

Marseille: IRD, 2019, 224 p.

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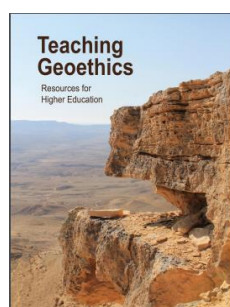


Peru's mining and metals investment guide 2020/2021

García, Marcial; Pantigoso, Paulo

Lima: Ernst and Young Consultores, 2020, 92 p.

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Teaching geoethics: resources for higher education

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Porto: Universidade de Porto Edições, 2020, 208 p.

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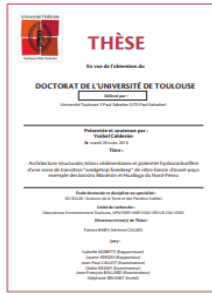


Contribution récente des glaciers des Andes à la ressource en eau et à la hausse du niveau marin : apport des observations satellitaires (texto en inglés)

Dussailant, Inés

Thèse de Doctorat, Université Paul Sabatier - Toulouse III, France, 2019, 143 p.

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Architecture structurale, bilans sédimentaires et potentiel hydrocarburifère d'une zone de transition "wedgetop-foredeep" de rétro-bassin d'avant-pays: exemple des bassins Marañon et Huallaga du Nord-Pérou (texto en inglés)

Calderón Cahua, Ysabel

Thèse de Doctorat, Université Paul Sabatier - Toulouse III, France, 2018, 241 p.

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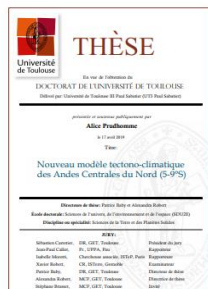


Exhumation différentielle de la Cordillère Orientale (Déflexion d'Abancay, Pérou) : Une syntaxe tectonique andine?

Gérard, Benjamin

Thèse de Doctorat, Université Grenoble Alpes, Grenoble, 2019, 368 p.

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Nouveau modèle tectono-climatique des Andes centrales du Nord (5-9°S)

Prudhomme, Alice

Thèse de Doctorat, Université Paul Sabatier - Toulouse III, 2019, 212 p.

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