

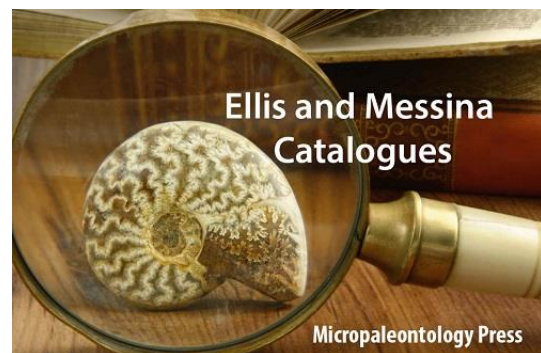


Boletín de Novedades Geocientíficas N° 1 – Enero 2020

Nuevo Recurso para la Investigación

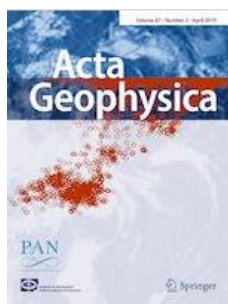
El [Catálogo Ellis and Messina](#), elaborado por la prestigiosa institución Micropaleontology Press es un nuevo recurso electrónico que la Biblioteca del INGEMMET ofrece a su comunidad de usuarios e investigadores geocientíficos.

El catálogo reproduce una descripción completa de foraminíferos, ostrácodos y diatomeas a nivel de género y especie, incluida la reproducción a tamaño completo de figuras y gráficos originales. En la actualidad contiene más de 47,000 foraminíferos, 26,500 ostracodos y 7,000 diatomeas.



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Artículos de Revistas



Magnetic interpretation utilizing a new inverse algorithm for assessing the parameters of buried inclined dike-like geological structure (Estudio realizado en Turquía y Marcona, Perú)

Essa, Khalid S.; Elhoussein, Mahmoud

Acta Geophysica, vol. 67, n. 2, pp. 533-544, April 2019

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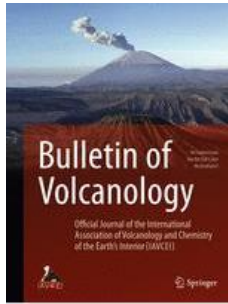


Influence of PBL parameterization schemes in WRF_ARW model on short - range precipitation's forecasts in the complex orography of Peruvian Central Andes

Moya Alvarez, Aldo S.; Estevan, René; Kumar, Shailendra; Flores Rojas, José Luis; Ticse, Joel J., et al.

Atmospheric Research, vol. 233, art. 104708, 19 p., March 2020

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**Bulletin of
Volcanology**

In situ cosmogenic ^3He and ^{36}Cl and radiocarbon dating of volcanic deposits refine the Pleistocene and Holocene eruption chronology of SW Peru

Bromley, Gordon R.M.; Thouret, Jean-Claude; Schimmelpfennig, Irene; Mariño Salazar, Jersy; Valdivia Humerez, David, et al.

vol. 81, n. 11, art. 64, 16 p., November 2019

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Pre-eruptive magmatic processes associated with the historical (218 \pm 14 aBP) explosive eruption of Tutupaca volcano (southern Peru)

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

vol. 82, n. 1, art. 6, 25 p., January 2020

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New insights into eruption source parameters of the 1600 CE Huaynaputina Plinian eruption, Peru

Prival, J.-M.; Thouret, Jean-Claude; Japura Paredes, Saida Blanca; Gurioli, L.; Bonadonna, Costanza; Mariño Salazar, Jersy; Cueva Sandoval, Kevin Arnold

vol. 82, n. 1, art. 7, 19 p., January 2020

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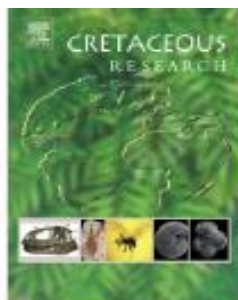


Impact assessment of metals on soils from Machu Picchu archaeological site

Morillas, Héctor; Gredilla, Ainara; Carrero, José Antonio; Huallparimachi, Gladys; Gallego Cartagena, Euler, et al.

Chemosphere, vol. 242, art. 125249, 9 p., March 2020

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First Plesiosaurian record (Diapsida; Sauropterygia) from the La Herradura formation, (Valanginian-Hauterivian), Morro Solar, Peru

Meza Vélez, Iván; O'Gorman, José P.

Cretaceous Research, vol. 106, art. 104247, 5 p., February 2020

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Raman spectroscopy as a tool to determine the thermal maturity of organic matter: Application to sedimentary, metamorphic and structural geology

Henry, Delano G.; Jarvis, Ian; Gillmore, Gavin; Stephenson, Michael

Earth Science Reviews, v.198, art.102936, 16 p., December 2019

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Identifying sedimentation processes in the Coata River, Altiplano of the Puno department, Peru, by the 210Pb method

Mamani Matamet, Fanny Roxana; Bonotto, Daniel Marcos

Environmental Earth Sciences, vol. 78, n. 22, art. 641, 19 p., November 2019

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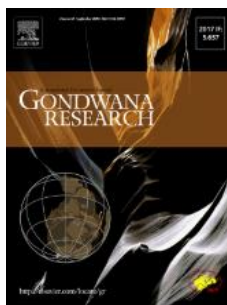


Origin and timing of past hillslope activity in the hyper-arid core of the Atacama Desert - The formation of fine sediment lobes along the Chuculay Fault System, Northern Chile

May, Simon Matthias; Meine, Lennart; Hoffmeister, Dirk; Brill, Dominik; Medialdea, Alicia, et al.

Global and Planetary Change, vol. 184, art. 103057, 18 p., January 2020

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Northward propagation of Andean genesis: Insights from Early Cretaceous synorogenic deposits in the Aysén-Río Mayo basin

Gianni, Guido M.; Navarrete, César G.; Echaurren, Andrés; Díaz, Marianela; Butler, Kristina L., et al.

Gondwana Research, vol. 77, pp. 238-259, January 2020

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The development and intersection of highland-coastal scale frames: a case study of water governance in central Peru

Grainger, Sam; Hommes, Lena; Karpouzoglou, Timos; Perez, Katya; Buytaert, Wouter; Dewulf, Art

Journal of Environmental Policy and Planning, vol. 21, n. 4, pp. 373-390, July 2019

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Mesoproterozoic to Paleozoic U-Pb SHRIMP II ages of granitoid bodies in NW Argentina and their consequences for the interpretation of the geological evolution of the Central Andes

Zimmermann, Udo; Quenardelle, Sonia; Poma, Stella; Tait, J.; Larionov, A.; Presnyakov, S.

Journal of Geodynamics, vol. 129, pp. 98-116, September 2019

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Stratigraphic correlation and splice generation for sediments recovered from a large-lake drilling project: an example from Lake Junín, Peru

Hatfield, Robert G.; Woods, Arielle; Lehmann, Sophie B.; Weidhaas, N.; Chen, Christine Y., et al.

Journal of Paleolimnology, vol. 63, n. 1, p. 83-100, January 2020.

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Numerical simulation of the 1940 Lima-Peru earthquake and tsunami (Mw 8.0)

Jiménez T., César; Moggiano, Nabil

Journal of Seismology, 11 p., November 2019

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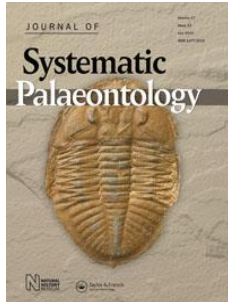


Strontium Isotope Stratigraphy and the thermophilic fossil fauna from the middle Miocene of the East Pisco Basin (Peru)

Bosio, Giulia; Malinverno, Elisa; Collareta, Alberto; Di Celma, Claudio; Gioncada, Anna, et al.

Journal of South American Earth Sciences, vol. 97, art. 102399, 16 p., January 2020

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New caviomorph rodents from the late Oligocene of Salla, Bolivia: taxonomic, chronological, and biogeographic implications for the Deseadan faunas of South America

Pérez, María Encarnación; Arnal, Michelle; Boivin, Myriam; Vucetich, María Guimar; Candela, Adriana M., et al.

Journal of Systematic Paleontology, vol. 17, n. 10, pp. 821-847, 2019

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Abhandlungen

A new barnacle (Cirripedia: Neobalanoformes) from the early Miocene of Peru: Palaeoecological and palaeobiogeographical implications

Collareta, Alberto; Coletti, Giovanni; Bosio, Giulia; Buckeridge, John; Muizon, Christian de, et al.

vol. 292, n. 3, pp. 321-338, June 2019

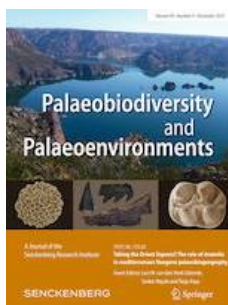
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Perumegabalanus calzai gen. et sp. nov., a new intertidal megabalanine barnacle from the early Miocene of Peru

Coletti, Giovanni; Collareta, Alberto; Bosio, Giulia; Urbina Schmitt, Mario; Buckeridge, John

vol. 294, n. 2, pp. 197-212, November 2019

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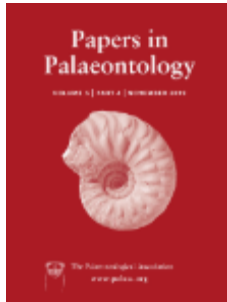


Depositional environments and landscapes of the upper Miocene Ipururo Formation at Shumanza, Subandean Zone, northern Peru

Tcheumeleu, Augustin Feussom; Fauquette, Séverine; Aliaga Castillo, Angélica; Martínez, Camila; Moreno, Federico, et al.

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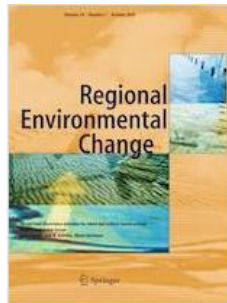


New Palaeogene caviomorphs (Rodentia, Hystricognathi) from Santa Rosa, Peru: systematics, biochronology, biogeography and early evolutionary trends

Arnal, Michelle; Kramarz, Alejandro Gustavo; Vucetich, Maria Guiomar; Frailey, Carl D.; Campbell, Kenneth E., Jr.

Papers in Palaeontology, 24 p., July 2019

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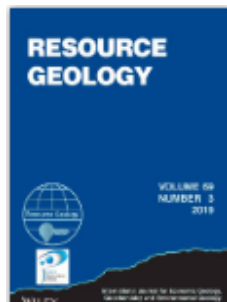


Rewriting conservation landscapes: protected areas and glacial retreat in the high Andes

Rasmussen, Mattias Borg

Regional Environmental Change, vol. 19, n. 5, pp. 1371-1385, June 2019

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Mineralogy, fluid inclusions, and sulfur isotopes of the Huanzala deposits, Peru: early skarn and late polymetallic replacement style

Suzuki, Yuki; Hayashi, Ken-ichiro

Resource Geology, vol. 69, n. 3, pp. 249-269, July 2019

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Implications of variable late Cenozoic surface uplift across the Peruvian central Andes

Sundell, Kurt E.; Saylor, Joel E.; Lapen, Thomas J.; Horton, Brian Keith

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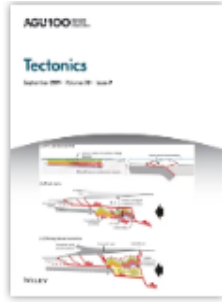


Localized anisotropic subduction-zone structure in southern Peru: constraints from teleseismic receiver functions and forward modeling

Kang, Hyunsun; Kim, YoungHee

Seismological Research Letters, vol. 90, n. 5, pp. 1820-1835, September 2019

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Structure of the collision zone between the Nazca Ridge and the Peruvian convergent margin: geodynamic and seismotectonic implications

Contreras Reyes, Eduardo; Muñoz Linford, P.; Cortés Rivas, V.; Bello González, J.P.; Ruiz, Javier A.; Krabbenhöft, A.

Tectonics, vol. 38, n. 9, pp. 3416-3435, September 2019

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Changes of the tropical glaciers throughout Peru between 2000 and 2016-mass balance and area fluctuations

Seehaus, Thorsten; Malz, Philipp; Sommer, Christian; Lippl, Stefan; Cochachin, Alejo; Braun, Matthias

The Cryosphere. vol. 13, n. 10, pp. 2537-2556, September 2019

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TESIS



Evolución geomorfológica del abanico aluvial de Lima y sus relaciones con la peligrosidad por inundaciones, tesis doctoral

Villacorta Chambi, Sandra Paula

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