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# **Bulletin**

# **Signalétique**



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# BULLETIN SIGNALÉTIQUE n° 1/ 2018

## SOMMAIRE

<b>Energie</b> .....	<b>5</b>
<b>Géologie Structurale</b> .....	<b>5</b>
<b>Stratigraphie</b> .....	<b>7</b>
<b>Sédimentologie</b> .....	<b>9</b>
<b>Géologie régionale–Cartes</b> .....	<b>11</b>
<b>Paléontologie</b> .....	<b>12</b>
<b>Pétrologie</b> .....	<b>15</b>
<b>Minéralogie</b> .....	<b>16</b>
<b>Géologie Minière</b> .....	<b>17</b>
<b>Géochimie</b> .....	<b>19</b>
<b>Hydrologie</b> .....	<b>21</b>
<b>Géophysique</b> .....	<b>23</b>
<b>Géomorphologie</b> .....	<b>25</b>
<b>Géologie de l’Ingénieur</b> .....	<b>26</b>
<b>Environnement</b> .....	<b>27</b>
<b>Méthodologie</b> .....	<b>27</b>
<b>INDEX</b> .....	<b>28</b>

## ENERGIE

**1. BLAIZOT M.** Worldwide shale-oil reserves: towards a global approach based on the principles of petroleum system and the petroleum system yield. **Bull. Soc. Géol. France; t. 188, n° 5, 2017, 33-9 p.**

**Keywords:** Shale-oil resource; Reserve; Petroleum system; Petroleum system yield; World.

**2. GOMEZ C., GREEN D. R.** Small unmanned airborne systems to support oil and gas pipeline monitoring and mapping. **Arabian Journal of Geosciences; vol. 10, n° 9, 2017, 202-17 p.**

**Keywords:** Oil and gas pipeline; Unmanned aerial vehicle; Monitoring; Safety; Regulations.

**3. JANZA M., LAPANJE A., SRAM D.** Research of the geological and geothermal conditions for the assessment of the shallow geothermal potential in the area of Ljubljana, Slovenia. **Geologija; vol. 60, n° 2, 2017, p. 309-327.**

**Keywords:** Shallow geothermal energy; Hydro-geology; Groundwater temperature; Thermal conductivity; Ljubljana; Slovenia.

**4. KOTARBA MJ., WIECLAW D., BILKIEWICZ E.** Genetic correlation of source rocks and natural gas in the Polish Outer Carpathians and Paleozoic-Mesozoic basement east of Krakow (southern Poland). **Geological Quarterly; vol. 61, n°4, 2017, p. 795-824.**

**Keywords:** Paleozoic-Mesozoic basement; Source rock potential; Natural gas; Biomarkers; Stable carbon; Hydrogen and nitrogen isotopes; Krakow; Poland.

**5. PERRODON A.** Le roman de l'exploration pétrolière. **Géochronique; n° 143, 2017, p. 30-34.**

**Keywords:** Ressource pétrolière; Exploitation industrielle; Exploration pétrolière; Révolution géologique; Production.

## GEOLOGIE STRUCTURALE

**6. ADEOTI B., OKONKWO C.T.** Structural evolution of Iwaraja shear zone, southwestern Nigeria. **Journal of African Earth Sciences; vol. 131, 2017, p. 117-127.**

**Keywords:** Mylonites; Strain localization; Shear-related folds; Kinematic indicators; Transcurrent dis-

**7. AHMADIROUHANI R., RAHIMI B., KARIMPOUR M.H.** Fracture mapping of lineaments and recognizing their tectonic significance using SPOT-5 satellite data: a case study from the Bajestan area, Lut Block, east of Iran. **Journal of African Earth Sciences**; vol. 134, 2017, p. 600-612.

**Keywords:** Lineament enhancement; SPOT-5; The Lut Block; Bajestan; Iran.

**8. ALAEI M., DEHBOZORGI M., GHASSEMI MR.** Evaluation of relative tectonic activity of Buin Zahra-Avaj area, northern Iran. **Arabian Journal of Geosciences**; vol. 10, n°10, 2017, 229-16 p.

**Keywords:** Active tectonics; Geomorphic indicators; Ipak fault; Avaj fault; Central Alborz; Iran.

**9. BEJAOUI H., AÏFA T., MELKI F.** Structural evolution of Cenozoic basins in northeastern Tunisia, in response to sinistral strike-slip movement on the El Alia-Teboursouk fault. **Journal of African Earth Sciences**; vol. 134, 2017, p. 174-197.

**Keywords:** Folds; Cenozoic; Wells; Seismic; El Alia-Teboursouk fault; Tunisia.

**10. CANEROT J.** The pull apart-type Tardets-Mauléon basin, a key to understand the formation of the Pyrenees. **Bull. Soc. Géol. France**; t. 188, n° 6, 2017, 35-14 p.

**Keywords:** Cretaceous; Iberian margin; Trough; Tardets-Mauléon pull apart basin; Western Pyrenees; France.

**11. COCHELIN B., CHARDON D., DENELE Y.** Vertical strain partitioning in hot Variscan crust: syn-convergence escape of the Pyrenees in the Iberian-Armorican syntax. **Bull. Soc. Géol. France**; t. 188, n° 6, 2017, 39-25 p.

**Keywords:** Variscan; Syntax; Orocline; Gneiss dome; Transpression; Hot orogen; Pyrenees; France.

**12. DELPOMDOR F.R.A., TACK L., PREAT A.R.** Facies and micromorphology of the Neoproterozoic Upper Diamictite formation in the Democratic Republic of Congo: new evidence of sediment gravity flow. **Geologica Belgica**; vol. 20, n° 1-2, 2017, p. 69-79.

**Keywords:** Neoproterozoic; Soft-sediment deformation microstructures; Sediment gravity flow; Tectonics; Lower Congo region.

**13. GAUTIER P., BOSSE V., CHERNEVA Z.** Polycyclic alpine orogeny in the Rhodope metamorphic complex: the record in migmatites from the Nestos shear zone (N. Greece). **Bull. Soc. Géol. France; t. 188, n° 6, 2017, 36-28 p.**

**Keywords:** Aegean; Syn-deformation migmatization; U-Pb dating; LA-ICPMS; Inverted metamorphism; Synmetamorphic thrusting; N. Greece.

**14. JAWAHAR RAJ J., PRABHAKARAN A., MUTHUKRISHNAN A.** Extraction and analysis of geological lineaments of Kolli hills, Tamil Nadu: a study using remote sensing and GIS. **Arabian Journal of Geosciences; vol. 10, n° 8, 2017, 195-16 p.**

**Keywords:** Lineaments; Lineament density; Lineament orientations; CARTOSAT; Kolli hills; Tamil Nadu; India.

**15. KOWALSKI A.** Fault geometry and evidence of depocentre migration within a transtensional intra-basinal high – a case study from the Laczna anticline (intrasudetic synclinorium, SW Poland). **Geological Quarterly; vol. 61, n°4, 2017, p. 779-794.**

**Keywords:** Pull-apart basins; Intra-basinal highs; Brittle tectonics; Strike-slip tectonics; Intrasudetic synclinorium; Sudetes; Poland.

**16. NOMO E.N., TCHAMENI R., VANDERHAEGHE O.** Structure and LA-ICP-MS zircon U-Pb dating of syntectonic plutons emplaced in the Pan-African Banyo-Tcholliré shear zone (central north Cameroon). **Journal of African Earth Sciences; vol. 131, 2017, p. 251-271.**

**Keywords:** Syntectonic plutons; Magmatic arc; Transpressional shear zone; Collision; Tcholliré-Banyo shear zone; Central African orogenic belt; Cameroon.

**17. PONMANEE P., KANJANAPAYONT P., GRASEMANN B.** Quantitative finite strain analysis of high-grade metamorphic rocks within the Mae Ping shear zone, western Thailand. **Austrian Journal of Earth Sciences; vol. 109, n° 2, 2016, p. 233-240.**

**Keywords:** Finite strain; Kinematic vorticity; Sinistral strike-slip; Mae Ping shear zone; Thailand.

**18. SLIAUPA S., SATKUNAS J., MOTUZA G.** Morphotectonic implication of the Paleoproterozoic mid-Lithuanian suture zone. **Geological Quarterly; vol. 61, n°3, 2017, p. 590-601.**

**Keywords:** Morphotectonic; Mid-Lithuanian suture zone; Paleoproterozoic basement; Quaternary; Tectonic inheritance; Lithuania.

**19. TOMASZCZYK M., JAROSINSKI M.** The Kock fault zone as an indicator of tectonic stress regime changes at the margin of the East European craton (Poland). **Geological Quarterly; vol. 64, n°4, 2017, p. 908-925.**

**Keywords:** Tectonics; Seismic interpretation; Bore-hole core analysis; Kock fault zone; Lublin basin; Poland.

**20. VANDENBERGHE N.** Tectonic and climatic signals in the Oligocene sediments of the Southern North-sea basin. Ernest van den Broeck medallist lecture 2016. **Geologica Belgica; vol. 20, n° 3-4, p. 105-123, 2017.**

**Keywords:** Boom clay; Chattian; Cyclicity; Rupelian; Stratigraphy; Tongeren group; Rupel group; Belgium.

**21. VRABEC M., JORDANOVA G.** Analysis of systematic fracturing in Eocene flysch of the Slovenian coastal region. **Geologija; vol. 60, n° 2, 2017, p. 199-210.**

**Keywords:** Eocene flysch; Systematic fractures; Paleostress; Joints; Fracture spacing index; Istria; Slovenia.

**22. VENDEVILLE B.C., PENGCHENG T., GRAVELEAU F.** How the presence of a salt decollement in the sedimentary cover influences the behavior of subsalt thrusts in fold-and-thrust belts. **Bull. Soc. Géol. France; t. 188, n° 6, 2017, 37-8 p.**

**Keywords:** Salt tectonics; Fold-and-thrust belts; Analogue modeling; Decollement.

**23. ZIBRET L.** A contribution to better understanding of structural characteristics and tectonic phases of the Boc region, periadriatic fault zone. **Geologija; vol. 59, n° 2, 2016, p. 243-257.**

**Keywords:** Structural mapping; Fault-slip analysis; Palaeostress reconstruction; Periadriatic fault; Lavanttal fault; Pannonian basin; Donat zone; Slovenia.

**24. AZIL A., AÏT OUALI R.** Lithostratigraphy and geodynamic evolution of Lower Cretaceous sedimentary depocenter infilling, in Western Saharan Atlas (Algeria). *Arabian Journal of Geosciences*; vol. 10, n° 13, 2017, 283-13 p.

**Keywords:** Lower Cretaceous; Nearshore; Geodynamic; Depocenter; Lithostratigraphic; Western Saharan Atlas; Algeria.

**25. BENVENUTI M., MORATTI G., ALGOUTI A.** Stratigraphic and structural revision of the Upper Mesozoic succession of the Dadès valley, eastern Ouarzazate basin (Morocco). *Journal of African Earth Sciences*; vol. 135, 2017, p. 54-71.

**Keywords:** Syntectonic deposition; Late Mesozoic; Continental deposits; Central High Atlas; Ouarzazate basin; Morocco.

**26. BIRKENMAJER K., GEDL P.** The Grajcarek succession (Lower Jurassic-mid Paleocene) in the Pieniny Klippen belt, west Carpathians, Poland: a stratigraphic synthesis. *Annales Societatis Geologorum Poloniae*; vol. 87, n° 1, 2017, p. 55-88.

**Keywords:** Jurassic; Cretaceous; Stratigraphy; Pieniny klippen belt; Grajcarek succession; West Carpathians, Poland.

**27. BUCEK S., KÖHLER E.** Palaeocene reef complex of the Western Carpathians. *Slovak. Geol. Mag.*; vol. 17, n° 1, 163 p., 2017.

**Keywords:** Palaeocene; Reefs; Microfacies; Biostratigraphy; Palaeontology; Foraminifera; Calcareous algae; Scleractinia; Western Carpathians; Slovakia.

**28. DEJONGHE L., COLBACH R., GEOMAERE E.** The lithostratigraphy of the lower Devonian formations of the Eisleck region (northern Luxembourg). Comparison with their Belgian lateral equivalents. *Geologica Belgica*; vol. 20, n° 1-2, 2017, p. 33-42.

**Keywords:** Lower Devonian; Pragian; Emsian; Lithostratigraphy; Correlation; Eisleck region; Luxembourg; Belgium.

**29. DIM C.I.P., MOSTO ONUOHA K.** Insight into sequence stratigraphic and structural framework of the onshore Niger Delta basin: integrating well logs, biostratigraphy, and 3D seismic data. *Arabian Journal of Geosciences*; vol. 10, n° 14, 2017, 300-20 p.

**Keywords:** Sequence stratigraphy framework; Structural framework; Entrapment mechanism; Coastal swamp depobelt; Niger Delta basin.

**30. EL-SOROBY A.S., GAMEIL M., YOUSSEF M.** Stratigraphy and macrofauna of the Lower Jurassic (Toarcian) Marrat formation, central Saudi Arabia. *Journal of African Earth Sciences*; vol. 134, 2017, p. 476-492.

**Keywords:** Stratigraphy; Macrofauna; Lower Jurassic; Marrat formation; Saudi Arabia.

**31. HERBIG H-G, SALAMON M., AMLER MRW.** The Carboniferous in the stratigraphic table of Germany 2016. *Zeitschrift der Deutschen Gesellschaft für Geowissenschaften*; vol. 168, n° 4, 2017, p. 483-502.

**Keywords:** Geochronology; Lithostratigraphy; Regional standard profiles; Pennsylvanian; Mississippian; Germany.

**32. KEMNITZ H., EHLING B.-C., ELICKI O.** The stratigraphic table of Germany 2016: Proterozoic to Silurian. *Zeitschrift der Deutschen Gesellschaft für Geowissenschaften*; vol. 168, n° 4, 2017, p. 423-446.

**Keywords:** Stratigraphy; Neoproterozoic; Early Palaeozoic; Allochthonous; Germany.

**33. KRIMI M., OUAJA M., ZARGOUNI F.** Upper Albian to Lower Turonian deposits and associated breccias along the Dahar cuestas (southeastern Tunisia): origin and depositional environments. *Journal of African Earth Sciences*; vol. 135, 2017, p. 140-151.

**Keywords:** Breccias; Stratigraphy sequence; Upper Albian-Lower Turonian; Dahar cuestas; South Eastern Tunisia.

**34. LAGROU D., COEN-AUBERT M.** Update of the Devonian lithostratigraphic subdivision in the subsurface of the Campine basin (northern Belgium). *Geologica Belgica*; vol. 20, n° 1-2, 2017, p. 1-13.

**Keywords:** Givetian; Frasnian; Famennian; Lithostratigraphy; Biostratigraphy; Booischot formation; Belgium.

**35. MENNING M., GLODNY J., BROCKE R.** The Devonian time scale in the stratigraphic table of Germany 2016 (STG 2016). *Zeitschrift der Deutschen Gesellschaft für Geowissenschaften*; vol. 168, n° 4, 2017, p. 465-482.

**Keywords:** Devonian; Geologic time scale; Confidence limits; Radio-isotopic age determinations; Lithostratigraphy; Correlation; Facies; Events; Markers; Germany.

**36. MININGOU M.Y.W., AFFATON P., MEUNIER J.-D.** Establishment of a lithostratigraphic column in the Béli area (Northeastern Burkina Faso, West Africa) based on the occurrence of a glacial triad and a molassic sequences in Neoproterozoic sedimentary formations. Implications for the Pan-African orogeny. **Journal of African Earth Sciences**; vol. 131, 2017, p. 80-97.

**Keywords:** Neoproterozoic; Tillite; Triad; Molasse; Cenozoic; Gourma basin; Burkina Faso; West Africa; Pan-African.

**37. NITSCH E.** Carboniferous and Rotliegend of the black forest in the stratigraphic table of Germany 2016. **Zeitschrift der Deutschen Gesellschaft für Geowissenschaften**; vol. 168, n° 4, 2017, p. 503-512.

**Keywords:** STD 2016; ESTD 2017; Devonian; Carboniferous; Permian; Rotliegend; Black forest; Germany.

**38. OLAYIWOLA M.A., BAMFORD M.K., DURUGBO E.U.** Graphic correlation: a powerful tool for biostratigraphic correlation of petroleum exploration and production in the Cenozoic deep offshore Niger Delta, Nigeria. **Journal of African Earth Sciences**; vol. 131, 2017, p. 156-165.

**Keywords:** Graphic correlation; Zonation biostratigraphy; Petroleum exploration production; Cenozoic; Niger delta; Nigeria.

**39. OSMAN R., ORABI H.** New findings in the Eocene stratigraphy of Siwa-El Qara stretch, north western desert, Egypt. **Journal of African Earth Sciences**; vol. 134, 2017, p. 1-9.

**Keywords:** Eocene-Siwa Oasis; El Qara Oasis; Western desert-Egypt.

**40. OSZCZYPKO N., SLACZKA A., BUBNIAK I.** The position and age of flysch deposits in the Crimea mountains (southern Ukraine). **Geological Quarterly**; vol. 61, n°4, 2017, p. 697-722.

**Keywords:** Stratigraphy; Micropalaeontology; Flysch; Crimean Mts; Ukraine.

**41. PELECH O., HOK J., JOZSA S.** Turonian-Santonian sediments in the Tatricum of the Povazsky Inovec Mts. (Internal Western Carpathians, Slovakia). **Austrian Journal of Earth Sciences**; vol. 110, n° 1, 2017, p. 21-35.

**Keywords:** Tatricum; Fatricum; Biostratigraphy; Foraminifera; Hubina formation; Western Carpathians; Slovakia.

**42. SABER S.G., SALAMA Y.F.** Facies analysis and sequence stratigraphy of the Eocene successions, east Beni Suef area, eastern desert, Egypt. **Journal of African Earth Sciences**; vol. 135, 2017, p. 173-185.

**Keywords:** Eocene; Facies; Sequence stratigraphy; Beni Suef; Egypt.

**43. SARI B.** Lithostratigraphy and planktonic foraminifera of the uppermost Cretaceous-Upper Palaeocene strata of the Tavas nappe of the Lycian nappes (SW Turkey). **Geologia Croatica**; vol. 70, n° 3, 2017, p. 163-177.

**Keywords:** Late Cretaceous ; Maastrichtian ; Palaeocene ; Babadag formation; Faralya formation; Tavas nappe; Lycian nappes; SW Turkey.

**44. SCHINDLER E., BROCKE R., BECKER TH.** The Devonian in the stratigraphic table of Germany 2016. **Zeitschrift der Deutschen Gesellschaft für Geowissenschaften**; vol. 168, n° 4, 2017, p. 447-463.

**Keywords:** Regional stratigraphy; Lithostratigraphy; Chronostratigraphy; Correlation; Facies; Germany.

**45. SEELING M., EMMERICH A., BECHSTADT TH.** Sequence stratigraphic framework and evolution of carbonate platform-basin systems in the Triassic of the Eastern Lombardian Alps. **Zeitschrift der Deutschen Gesellschaft für Geowissenschaften**; vol. 168, n° 3, 2017, p. 341-371.

**Keywords:** Sequence stratigraphy; Carbonate platform evolution; Basin development; Carbonate platform slope; Early marine diagenesis; Triassic; Middle Triassic; Lombardian Alps; Southern Alps.

**46. SUJAN M., KOVAC M., HOK J.** Late Miocene fluvial distributary system in the northern Danube basin (Pannonian basin system): depositional processes, stratigraphic architecture and controlling factors of the Piestany Member (Volkovce formation). **Geological Quarterly**; vol. 61, n°3, 2017, p. 521-548.

**Keywords:** Fluvial distributary system; Facies analysis; Sediment supply; Accommodation; Pannonian basin system; Late Miocene; Danube basin.

**47. SUMMESBERGER H., KENNEDY W.J., WOLFRING E.** Integrated stratigraphy of the Upper Santonian (Upper Cretaceous) Hochmoos and Bibereck formations of the Schattaugraben section (Gosau group; Northern calcareous Alps, Austria). *Abhandlungen der Geologischen Bundesanstalt*; vol. 71, 2016, p. 151-248.

**Keywords:** Santonian; Cretaceous; Macro-nannofossils ; Micro-nannofossils ; Stable isotopes; Schattaugraben; Gosau group ; Austria.

**48. SZTRAKOS K., STEURBAUTE.** Révision lithostratigraphique et biostratigraphique de l'Oligocène d'Aquitaine occidentale (France). *Geodiversitas*; vol. 39, n° 4, 2017, p. 741-781.

**Mots-clés:** Lithostratigraphie; Biostratigraphie; Oligocène; Foraminifères; Aquitaine; France.

**49. TOUATI Z.** Evidence of bottom-redox conditions during oceanic anoxic event 2 (OAE2) in Wadi Bazina, Northern Tunisia (Southern Tethyan Tunisia). *Arabian Journal of Geosciences*; vol. 10, n° 13, 2017, 283-13 p.

**Keywords:** Cenomanian-Turonian transition; Chemostratigraphy; Organic matter; Redox indices; OAE-2; Bahloul formation; Northern Tunisia.

**50. WOJCIK K., KOLBUK D., SOBIEN K.** Keuper magnetostratigraphy in the southern Mesozoic margin of the Holy Cross Mts. (southeastern edge of the German basin). *Geological Quarterly*; vol. 64, n°4, 2017, p. 946-961.

**Keywords:** Triassic; Magnetostratigraphy; Rock magnetism; Keuper; Holy cross mountains; German basin.

**51. WOOD D.A., SCHOLZ CH.A.** Stratigraphic framework and lake level history of lake Kivu, East African rift. *Journal of African Earth Sciences*; vol. 134, 2017, p. 904-916.

**Keywords:** Paleoclimate; Sedimentology; Paleolimnology; Virunga volcanic province; Lake Kivu; African great lakes; East African climate; East Africa rift valley.

## SEDIMENTOLOGIE

**52. AFIFE M.M., SALLAM E.S., FARIS M.** Integrated petrophysical and sedimentological study

the Middle Miocene Nullipore formation (Ras Fanar field, Gulf of Suez, Egypt): an approach to volumetric analysis of reservoirs. *Journal of African Earth Sciences*; vol. 134, 2017, p. 526-548.

**Keywords:** Facies analysis; Sedimentology; Volumetric analysis; Nullipore formation; Ras Fanar field; Egypt.

**53. BAIYEGUNHI CH., LIU K., GWAVAVA O.** Sedimentation rate and subsidence history of the southeastern Karoo basin, South Africa, using 1D backstripping method. *Arabian Journal of Geosciences*; vol. 10, n° 10, 2017, 225-21 p.

**Keywords:** Sedimentation rate; Tectonic subsidence; Palaeobathymetry; Backstripping; Karoo; South Africa.

**54. BORDY E.M., HEAD H., RUNDS M.J.** Palaeoenvironment and provenance in the early Cape basin of southwest Gondwana: sedimentology of the Lower Ordovician Piekenierskloof formation, Cape supergroup, South Africa. *South African Journal of Geology*; vol. 119, n° 2, 2016, p. 399-414.

**Keywords:** Palaeoenvironment; Provenance; Sedimentary facies; Depositional environment; Gondwana; South Africa.

**55. BOULVAIN F., BELANGER I., COLBACH R.** New sedimentological data from Triassic to Jurassic boreholes and sections from Southern Belgium and Luxembourg. *Professional Papers of the Geological Survey of Belgium*; vol. 319, 2017, 43 p.

**Keywords:** Microfacies; Magnetic susceptibility; Paleogeography; Triassic; Jurassic; Luxembourg; Belgium.

**56. FILIPEK A., WYSOCKA A., BARSKI M.** Depositional setting of the Oligocene sequence of the Western Carpathians in the Polish Spisz region – a reinterpretation based on integrated palynofacies and sedimentological analyses. *Geological Quarterly*; vol. 61, n°4, 2017, p. 859-876.

**Keywords:** Wind-influenced turbidites; Palynofacies; Oligocene; Central Carpathian Paleogene basin; Carpathians; Poland.

**57. HORVATH J., BORKA S., GEIGER J.** Cluster defined sedimentary elements of deep-water clastic depositional systems and their 3D spatial visualization using parametrization: a case study from the Pannonian-basin. *Geologia Croatica*; vol. 70, n° 2, p. 73-78.

**Keywords:** Cluster analysis; Deep-water; Depositional system; Geo-object; Optimised clustering; Pannonian-basin; Hungary.



**58. HUGGETT J., HOOKER J.N., CARTWRIGHT J.** Very early diagenesis in a calcareous, organic-rich mudrock from Jordan. *Arabian Journal of Geosciences*; vol. 10, n° 12, 2017, 270-12 p.

**Keywords:** Opal-A, Opal-CT; Early diagenesis; Nodular cement.

**59. KHIARI N., ATOUI A., KHALIL N.** Dynamics of sediments along with their core properties in the Monastir-Bekalta coastline (Tunisia, Central Mediterranean). *Journal of African Earth Sciences*; vol. 134, 2017, p. 320-331.

**Keywords:** Coastal sediments dynamics; Minerals; Hydrodynamics; Core sediment; Northeastern Tunisia; Central Mediterranean.

**60. LEE E.Y., WAGREICH M.** 3D visualization of the sedimentary fill and subsidence evolution in the northern and central Vienna basin (Miocene). *Austrian Journal of Earth Sciences*; vol. 109, n° 2, 2016, p. 241-251.

**Keywords:** Visualization; Sedimentary fill; Subsidence; BasinVis 1.0; Vienna basin; Austria.

**61. LESZCZYNSKI K.** The significance of Upper Cretaceous hardgrounds and other discontinuity surfaces for basin-wide correlations, based on drill core data from boreholes in northern Poland. *Geological Quarterly*; vol. 64, n° 4, 2017, 825-844.

**Keywords:** Upper Cretaceous; Discontinuity surface; Hardground; Basin-wide correlation; Northern Poland.

**62. MADANI CHERIF H., KHANCHOUL K., BOUANANI A.** Prediction of sediment yield at storm period in Northwest Algeria. *Arabian Journal of Geosciences*; vol. 10, n° 9, 2017, 198– 17 p.

**Keywords:** Erosion; Suspended sediment; Hysteresis; Water discharge; Concentration; Algeria.

**63. MALOUNGUILA-NGANGA D., GIRESSE P., BOUSSAFIR M.** Late Holocene swampy forest of Loango Bay (Congo). Sedimentary environments and organic matter deposition. *Journal of African Earth Sciences*; vol. 134, 2017, p. 419-434.

**Keywords:** Late Holocene; Sedimentology; Organic matter; Pyrolysis;  $\delta^{13}\text{C}$ ; Congo.

**64. MAIR D., CHWATAL W., REIMER P.J.** Quaternary evolution of the inner Riss Valley, Tyrol

(Austria) – an integrated sedimentological and geophysical case study. *Austrian Journal of Earth Sciences*; vol. 109, n° 2, 2016, p. 277-288.

**Keywords:** Quaternary; Pleistocene; Holocene; Sedimentology; Landscape evolution; Karwendel mountains; Tyrol; Austria.

**65. MASRI A.** Late Ordovician glacial and glaciofluvial paleovalley architecture and sedimentation in southeast Jordan and northwest Saudi Arabia. *Arabian Journal of Geosciences*; vol. 10, n° 13, 2017, 288-10 p.

**Keywords:** Late Ordovician; Glaciation; Glaciofluvial; Paleovalley; Jordan; Saudi Arabia.

**66. MURAT A., BEAUFORT D., HEBERT B.** Post-depositional evolution over a time scale of 1 million years of eastern Mediterranean organic-rich and organic-poor sediments: new insights on the debromination and layer-silicate markers. *Bull. Soc. Géol. Fr.*; vol. 188, n° 4, 2017, 21-16 p.

**Keywords:** Organic matter; Clay minerals; Bromine; Eogenesis; Sapropel; Mediterranean sea.

**67. NEHYBA S., OPLETAL C.** Depositional environment and provenance of the Gresten formation (Middle Jurassic) on the southeastern slopes of the Bohemian massif (Czech Republic, subsurface data). *Austrian Journal of Earth Sciences*; vol. 109, n° 2, 2016, p. 262-276.

**Keywords:** Well cores; Provenance & depositional environment; Middle Jurassic; Gresten formation; Czech Republic.

**68. NOVAK A., VERBOVSEK T., POPIT T.** Heterogeneously composed Lozice fossil landslide in Rebrnice area, Vipava valley. *Geologija*; vol. 60, n° 1, 2017, p. 145-155.

**Keywords:** Fossil landslide; Sedimentary facies; 3-D model; Lidar; Lozice; Rebrnice; Vipava valley; Slovenia.

**69. PIOTROWSKI A., SZCZUCINSKI W., SYDOR P.** Sedimentary evidence of extreme storm surge or tsunami events in the southern Baltic sea (Rogowo area, NW Poland). *Geological Quarterly*; vol. 64, n° 4, 2017, p. 973-986.

**Keywords:** Tsunami deposits; Storm surge deposits; Grain size analysis; Geochemistry; Radiocarbon dating; Baltic sea.

**70. SCHNEIDER S., HORNING J., HINDERER M.** Evolution of the northern Albertine rift reflected in the provenance of synrift sediments (Nkondo-Kaiso area, Uganda). *Journal of African Earth Sciences*; vol. 131, 2017, p. 183-197.

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**Keywords:** Radiolarians; Taxonomy; Paleozoic; New synonyms.

## PETROLOGIE

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**Keywords:** Precambrian; Large igneous province; Lithofacies analysis; Rheomorphic ignimbrite; Lava-like ignimbrite; Bushveld complex; Kaapvaal craton; South Africa.

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## MINERALOGIE

**130. BARRETT S., SCHMIDMAIR D., SPOTL CH.** Mineralogical composition of the Baumkirchen lacustrine sequence (Würmian, Inn Valley, Tyrol): provenance and palaeogeographical implications. **Austrian Journal of Earth Sciences**; vol. 110, n° 1, 2017, p. 43-56.

**Keywords:** Würmian; Provenance; Palaeogeography; Palaeolake; Alps; Würmian; Baumkirchen; Alps.

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**Keywords:** Upper Cretaceous; Siliciclastics; Provenance; Geochemistry; Aswan; Nubia Group; Timsah formation; Egypt.

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**Keywords:** Iron skarn; Prograde; Retrograde; Physicochemical conditions;  $XCO_2$ ;  $fO_2$ ;  $fS_2$ ; Iran.

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**Keywords:** Monazite; Xenotime; Microanalysis; REE; Heavy minerals; Drava; Slovenija.

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## GEOCHIMIE

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## HYDROLOGIE

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## INDEX DES REVUES

Abhandlungen der Geologischen Bundesanstalt.....	47, 77
Annales Societatis Geologorum Poloniae.....	26, 74, 76, 104, 179, 189, 221, 249
Arabian Journal of Geosciences.....	2, 8, 14, 24, 29, 49, 53, 58, 62, 65, 75, 132, 140, 144, 152, 190, 196, 201, 202, 204, 206, 218, 222, 223, 226, 229, 230, 231, 232, 233, 234, 235, 236, 238, 240, 241, 245, 248, 253, 254, 255, 256, 257, 259, 260, 261, 262, 264, 267
Austrian Journal of Earth Sciences.....	17, 41, 60, 64, 67, 79, 129, 130
Budapest geoguide.....	78
Bull. Soc. Géol. France.....	1, 10, 11, 13, 22, 66, 86, 91, 97, 101, 102, 105, 108, 110, 197, 251
Bull. Soc. Hist. Nat. Toulouse.....	87, 94, 109, 115
Carte hydrogéol. Républ. Tchad Oasis de Faya-Largeau.1:150 000.....	209
Carte hydrogéol. Républ. Tchad Lacs d'Ounianga. 1:100 000.....	210
Carte hydrogéol. Républ. Tchad ouvrages et ressources Zouar n° NF-33-05, 1:200 000.....	211
Carte hydrogéol. Républ. Tchad ouvrages et ressources Bardaï. n° NF-33-11, 1:200 000.....	212
Carte hydrogéol. Républ. Tchad ouvrages et ressources Aozou n° NF-33-12, 1:200 000.....	213
Carte hydrogéologique de reconnaissance de la République du Tchad Pic Toussidé n° NF-33-SE, 1:500 000.....	214
Carte hydrogéologique de reconnaissance de la République du Tchad Tibesti Nord, 1:500 000.....	215

<b>Carte hydrogéologique de reconnaissance de la République du Tchad Tibesti Est, 1:500 000.....</b>	<b>216</b>
<b>Géochronique.....</b>	<b>5</b>
<b>Geodiversitas.....</b>	<b>48, 82, 83, 90, 92, 95, 96, 103, 112, 116, 118</b>
<b>Geologia Croatica.....</b>	<b>43, 57, 200, 207</b>
<b>Geologica Belgica.....</b>	<b>12, 20, 28, 34, 242</b>
<b>Geological Bulletin of Turkey.....</b>	<b>122</b>
<b>Geological Quarterly.....</b>	<b>4, 15, 18, 19, 40, 46, 50, 56, 61, 69, 188, 217, 237</b>
<b>Geologija.....</b>	<b>3, 21, 23, 68, 135, 141, 167, 178, 184, 205, 219, 252, 258, 265</b>
<b>Journal of African Earth Sciences.....</b>	<b>6, 7, 9, 16, 25, 30, 33, 36, 38, 39, 42, 51, 52, 59, 63, 70, 72, 73, 81, 84, 99, 111, 113, 114, 117, 119, 120, 121, 124, 125, 126, 127, 128, 133, 134, 138, 142, 143, 150, 151, 158, 159, 160, 161, 164, 165, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 180, 181, 182, 183, 185, 186, 191, 192, 193, 220, 224, 225, 227, 228, 239, 243, 244, 247, 250, 263, 266, 268</b>
<b>Memoirs of the Geological Survey of Belgium.....</b>	<b>85</b>
<b>Mineralia Slovaca.....</b>	<b>131, 139, 246</b>
<b>Professional Papers of the Geological Survey of Belgium.....</b>	<b>55</b>
<b>Regionalne Geologicke mapy Slovenska 1:50 000 Biela Orava region.....</b>	<b>80</b>
<b>Ressources minérales de l'Algérie Wilaya d'Adrar.....</b>	<b>163</b>
<b>Ressources minérales de l'Algérie Wilaya de Batna.....</b>	<b>155</b>

<b>Ressources minérales de l'Algérie. Wilaya de Béchar.....</b>	<b>162</b>
<b>Ressources minérales de l'Algérie Wilaya de Boumerdès.....</b>	<b>147</b>
<b>Ressources minérales de l'Algérie Wilaya de Constantine.....</b>	<b>146</b>
<b>Ressources minérales de l'Algérie Wilaya de Jijel.....</b>	<b>157</b>
<b>Ressources minérales de l'Algérie. Wilaya de Mascara.....</b>	<b>156</b>
<b>Ressources minérales de l'Algérie Wilaya de Mostaganem.....</b>	<b>149</b>
<b>Ressources minérales de l'Algérie Wilaya de Saïda.....</b>	<b>154</b>
<b>Ressources minérales de l'Algérie Wilaya de Skikda.....</b>	<b>153</b>
<b>Ressources minérales de l'Algérie. Wilaya de Tipaza.....</b>	<b>148</b>
<b>Ressources minérales de l'Algérie. Wilaya de Tizi ousou.....</b>	<b>145</b>
<b>Revue de Paléobiologie (Genève).....</b>	<b>88, 89, 98, 100, 106, 107</b>
<b>Slovak. Geol. Mag.....</b>	<b>27, 187, 194, 195, 198, 199, 208</b>
<b>South African Journal of Geology.....</b>	<b>54, 71, 93, 136, 166</b>
<b>Trabajos de Geologia.....</b>	<b>123, 269</b>
<b>Z. Dt. Ges. Geowiss. (German J. Geol.).....</b>	<b>31, 32, 35, 37, 44, 45, 137</b>

