



## Current Literature Survey

### Mineralogy

#### **Micas, feldspars and columbite-tantalite minerals from the zoned granitic lepidolite-subtype pegmatite at Namivo, Alto Ligonha, Mozambique**

Neiva A.M.R., *European Journal of Mineralogy*, 2013, 25/6 (967–985).

### Geochemistry

#### **Extent of diagenetic transformations in severely altered bio-genic silica deposits from Tunisia: New insights from mineralogy and geochemistry**

Henchiri M. & Fattah N., *Arabian Journal of Geosciences*, 2014, 7/3 (1179–1186).

#### **Geology and geochemistry of Kurkur bentonites, southern Egypt: Provenance, depositional environment, and compositional implication of Paleocene-Eocene thermal maximum**

Abou Elmagd K., Ali-Bik M.W. & Abayazeed S.D., *Arabian Journal of Geosciences*, 2014, 7/3 (899–916).

#### **Geochemistry of island arc dolerites and diorites along Qift-Quseir asphaltic road, central Eastern Desert, Egypt**

Abdel Rahman E., *Arabian Journal of Geosciences*, 2014, 7/3 (877–888).

#### **Geochemistry and Ar–Ar muscovite ages of the Daraban Leucogranite, Mawat Ophiolite, northeastern Iraq: Implications for Arabia–Eurasia continental collision**

Mohammad Y.O., Cornell D.H., Qaradaghi J.H. & Mohammad F.O., *Journal of Asian Earth Sciences*, 2014, 86/– (151–165).

#### **Natural and anthropogenic controls on sediment composition of an arid coastal environment: Sharm Obhur, Red Sea, Saudi Arabia**

Ghandour I.M., Basaham S., Al-Washmi A. & Masuda H., *Environmental Monitoring and Assessment*, 2014, 186/3 (1465–1484).

#### **Assessment of salinity and water quality of a deep aquifer in Tunisia: Statistical and geochemical approach**

Ben Alaya M., Zemni T., Mamou A. & Zargouni F., *Hydrological Sciences Journal*, 2014, 59/2 (395–419).

#### **Mineralogy and origin of surficial uranium deposits hosted in travertine and calcrete from central Jordan**

Khoury H.N., salameh E.M. & Clark I.D., *Applied Geochemistry*, 2014, 43/– (49–65).

#### **Assessment of water qualities and evidence of seawater intrusion in a deep confined aquifer: Case of the coastal Djef-fara aquifer (Southern Tunisia)**

Kharroubi A., Farhat S., Agoubi B. & Lakhbir Z., *Journal of Water Supply: Research and Technology – AQUA*, 2014, 63/1 (76–84).

#### **Alkali metal and rare earth element evolution of rock-forming minerals from the Gatumba area pegmatites (Rwanda): Quantitative assessment of crystal-melt fractionation in the regional zonation of pegmatite groups**

Hulbosch N., Hertogen J., Dewaele S., André L. & Muchez P., *Geochimica et Cosmochimica Acta*, 2014, 132/– (349–374).

#### **Naturally-high nitrate in unsaturated zone sand dunes above the Stampriet Basin, Namibia**

Stone A.E.C. & Edmunds W.M., *Journal of Arid Environments*, 2014, 105/– (41–51).

#### **Comparative analysis of lipids in a stony coral (*Pocilloporadamicornis*) and a sponge (*Acanthella carteri*), along Obhur Creek, Jeddah Coast, Kingdom of Saudi Arabia**

Al-Farawati R., *Arab Gulf Journal of Scientific Research*, 2014, 32/1 (62–67).

#### **REE and isotope (Sr, S, and Pb) geochemistry to constrain the genesis and timing of the F-(Ba–Pb–Zn) ores of the Za-ghouan District (NE Tunisia)**

Souissi F., Jemmali N., Souissi R. & Dandurand J.D., *Ore Geology Reviews*, 2013, 55/1 (1–12).

#### **Spatial variations in nutrients and other physicochemical variables in the topographically closed lake baringo freshwater basin (kenya)**

Ouma H. & Mwamburi J., *Lakes and Reservoirs: Research and Management*, 2014, 19/1 (11–23).

### Geochronology

#### **Early Carboniferous (357 Ma) crust beneath northern Arabia: Tales from Tell Thannoun (southern Syria)**

Stern R.J., Ren M., Ali K., Förster H.-J., Al Safarjalani A., Nasir S., Whitehouse M.J., Leybourne M.I. & Romer R.L., *Earth and Planetary Science Letters*, 2014, 393/– (83–93).

## Igneous and Metamorphic Geology

### Late Holocene lava flow morphotypes of northern Harrat Rahat, Kingdom of Saudi Arabia: Implications for the description of continental lava fields

Murcia H., Németh K., Moufti M.R., Lindsay J.M., El-Masry N., Cronin S.J., Qaddah A. & Smith I.E.M., *Journal of Asian Earth Sciences*, 2014, 84/– (131–145).

### Vents to events: Determining an eruption event record from volcanic vent structures for the Harrat Rahat, Saudi Arabia

Runge M.G., Bebbington M.S., Cronin S.J., Lindsay J.M., Kenedi C.L. & Moufti M.R.H., *Bulletin of Volcanology*, 2014, 76/3 (1–16).

### Miocene magmatic evolution in the Nefza district (Northern Tunisia) and its relationship with the genesis of polymetallic mineralizations

Decrée S., Marignac C., Liégeois J.-P., Yans J., Ben Abdallah R. & Demaiffe D., *Lithos*, 2014, 192–195/– (240–258).

### Paleo- to mesoarchean polymetamorphism in the barberton granite–greenstone belt, south africa: Constraints from U–Pb monazite and Lu–Hf garnet geochronology on the tectonic processes that shaped the belt

Cutts K.A., Stevens G., Hoffmann J.E., Buick I.S., Frei D. & Münker C., *Bulletin of the Geological Society of America*, 2014, 126/3–4 (251–270).

### Contrasting petrogenesis of Mg–K and Fe–K granitoids and implications for post-collisional magmatism: Case study from the Late-Archean Matok pluton (Pietersburg block, South Africa)

Laurent O., Rapopo M., Stevens G., Moyen J.F., Martin H., Douce-lance R. & Bosq C., *Lithos*, 2014, 196–197/– (131–149).

## Sedimentary Geology

### Sedimentary variations of geomorphic subenvironments at Al-Lith area, central-west coast of Saudi Arabia, Red Sea

Basaham A.S., Gheith A.M., Khawfany A.A.A., Sharma R. & Hashimi N.H., *Arabian Journal of Geosciences*, 2014, 7/3 (951–970).

### Water erosion risk assessment in South Africa: A proposed methodological framework

Le Roux J.J. & Sumner P.D., *Geografiska Annaler, Series A: Physical Geography*, 2013, 95/4 (323–336).

### Field evidence of seismites in Quaternary deposits of the Jijel (Eastern Algeria) coastal region

Benhamouche A., Nedjari A., Bouhadad Y., Machane D., Oubaiche E. & Sidi Said N., *Journal of Seismology*, 2014, 18/2 (289–299).

### Detrital zircon geochronology and provenance of the Neo-proterozoic Hammamat Group (Igla Basin), Egypt and the Thalbah Group, NW Saudi Arabia: Implications for regional collision tectonics

Nasiri Bezenjani R., Pease V., Whitehouse M.J., Shalaby M.H., Kadi K.A. & Kozdroj W., *Precambrian Research*, 2014, 245/–(225–243).

### Evaluation of two different soil databases to assess soil erosion sensitivity with MESALES for three areas in Europe and Morocco

Hessel R., Daroussin J., Verzandvoort S. & Walvoort D., *Catena*, 2014, 118/– (234–247).

### Properties of soil sediment in Wadi Arar, Kingdom of Saudi Arabia

Hegazy A. & Alghamdi M., *International Proceedings of Chemical, Biological and Environmental Engineering*, 2014, 62/1 (50–54).

### Using landsat imagery for monitoring the spatiotemporal evolution of sanding in dryland, the case of in-salah in the tidikelt (southern Algerian Sahara)

Boulghobra N., Hadri T. & Bouhana M., *Geographia Technica*, 2014, 9/1 (1–9).

### Porewater pressure control on subglacial soft sediment remobilization and tunnel valley formation: A case study from the Alnif tunnel valley (Morocco)

Ravier E., Buoncristiani J.-F., Guiraud M., Menzies J., Clerc S., Goupy B. & Portier E., *Sedimentary Geology*, 2014, 304/– (71–95).

### Microbial and physical sedimentary structures in modern evaporitic coastal environments of Saudi Arabia and Egypt

Aref M.A.M., Basyoni M.H. & Bachmann G.H., *Facies*, 2014, 60/2 (371–388).

### A late Holocene sea-level curve for the east coast of South Africa

Strachan K.L., Finch J.M., Hill T. & Barnett R.L., *South African Journal of Science*, 2014, 110/1–2.

## Stratigraphy

### Frutextites encrustations on rugose corals (Middle Devonian, southern Morocco): Complex growth of microbial microstromatolites

Jakubowicz M., Belka Z. & Berkowski B., *Facies*, 2014, 60/2 (631–650).

### Eocene oil shales from Jordan – Paleoenvironmental implications from reworked microfossils

Alqudah M., Ali Hussein M., van den Boorn S., Giraldo V.M., Kolonic S., Podlaha O.G. & Mutterlose J., *Marine and Petroleum Geology*, 2014, 52/– (93–106).

### Exploration for cretaceous stratigraphic traps in the Gulf of Guinea, West Africa and the discovery of the Jubilee Field: A play opening discovery in the Tano Basin, Offshore Ghana

Dailly P., Henderson T., Hudgens E., Kanschat K. & Lowry P., *Geological Society Special Publication*, 2013, 369/1 (235–248).

## The Quaternary

### Palaeoenvironments of the Continental Intercalaire fossil from the Late Cretaceous (Barremian-Albian) in North Africa: A case study of southern Tunisia

Hamed Y., Al-Gamal S.A., Ali W., Nahid A. & Dhia H.B., *Arabian Journal of Geosciences*, 2014, 7/3 (1165–1177).

### A 700-year record on the effects of climate and human impact on the southern cape coast inferred from lake sediments of eilandvlei, wilderness embayment, south africa

Reinwarth B., Franz S., Baade J., Haberzettl T., Kasper T., Daut G., Helmschrot J., Kirsten K.L., Quick L.J., Meadows M.E. & Mäusbacher R., *Geografiska Annaler, Series A: Physical Geography*, 2013, 95/4 (345–360).

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