



## CURRENT LITERATURE SURVEY

### Geochemistry

#### The hydrochemistry of groundwater in rural communities within the Tema District, Ghana

Fianko J.R., Nartey V.K. & Donkor A., *Environmental Monitoring and Assessment*, 2010, 168/1–4 (441–449).

#### Geochemistry and magmatic setting of Wadi El-Markh island-arc gabbro-diorite suite, central Eastern Desert, Egypt

Kharbish S., *Chemie der Erde – Geochemistry*, 2010, 70/3 (257–266).

#### Bioavailability and mobility of trace metals in phosphogyp-sum from Aqaba and Eshidiya, Jordan

Al-Hwaiti M.S., Ranville J.F. & Ross P.E., *Chemie der Erde – Geochemistry*, 2010, 70/3 (283–291).

#### Sediment cores representative of contrasting environments in salt flats of the Moknine continental sabkha (Eastern Tunisia): Sedimentology, bulk features of organic matter, alkane sources and alteration

Chairi R., Derenne S., Abdeljaoued S. & Largeau C., *Organic Geochemistry*, 2010, 41/7 (637–652).

#### Speciation of Cd, Cu, Zn, Fe and Pb in sediments sampled from Lake Victoria basin, Kenya

Ongeri D.M.K., Lalah J.O. & Wandiga S.O., *Environmentalist*, 2010, 30/3 (254–259).

#### Geochemical and isotopic characterization of groundwater from the Paleogene limestone aquifer of the upper Jezireh, Syria

AL-Charideh A. & Abou-Zakhem B., *Environmental Earth Sciences*, 2009, 59/5 (1065–1078).

#### Early years in the geochemical prospecting research centre, imperial college of science and technology, London: Exploration geochemistry in Zambia in the late 1950s; A personal recollection

Govett G.J.S., *Geochemistry: Exploration, Environment, Analysis*, 2010, 10/3 (237–249).

#### Integrated assessments of possible effects of hydrocarbon and salt water intrusion on the groundwater of iganmu area of Lagos metropolis, Southwestern Nigeria

Ayolabi E.A., Folorunso A.F. & Obende Phillips W., *Earth Sciences Research Journal*, 2010, 14/1 (100–110).

#### Temporal controls on dissolved organic matter and lignin biogeochemistry in a pristine tropical river, Democratic Republic of Congo

Spencer R.G.M., Hernes P.J., Ruf R., Baker A., Dyda R.Y., Stubbins A. & Six J., *Journal of Geophysical Research G: Biogeosciences*, 2010, 115/3.

#### Enhanced pore-water nutrient fluxes by the upside-down jellyfish *Cassiopea* sp. in a Red Sea coral reef

Jantzen C., Wild C., Rasheed M., El-Zibdah M. & Richter C., *Marine Ecology Progress Series*, 2010, 411/– (117–125).

### Geochronology

#### Origin of lower cretaceous ('Nubian') sandstones of Northeast Africa and arabia from detrital zircon U-Pb SHRIMP dating

Kolodner K., Avigad D., Ireland T.R. & Garfunkel Z.,

*Sedimentology*, 2009, 56/7 (2010–2023).

### Igneous and Metamorphic Geology

#### Geothermal resources in the Asal Region, Republic of Djibouti: An update with emphasis on reservoir engineering studies

Houssein D.E. & Axelsson Gudni G., *Geothermics*, 2010, 39/3 (220–227).

#### Magmatic differentiation processes in saucer-shaped sills: Evidence from the Golden Valley Sill in the Karoo Basin, South Africa

Galerne C.Y., Neumann E.-R., Aarnes I. & Planke S., *Geosphere*, 2010, 6/3 (163–188).

#### Petrogenesis of the Eocene Tamazert continental carbon-ates (Central High Atlas, Morocco): Implications for a common source for the Tamazert and Canary and Cape Verde Island carbonatites

Ouabdellah M., Hoernle K., Kchit A., Duggen S., Hauff R., Klügel A., Lowry D. & Beaudoin G., *Journal of Petrology*, 2010, 51/8 (1655–1686).

#### Geophysical contribution to evaluate the hydrothermal potentiality in Egypt: Case study: Hammam faraun and Abu Swiera, Sinai, Egypt

Atya M.A., Khachay O.A., Latif A.A., Khachay O.Y., El-Qady G.M. & Taha A.I., *Earth Sciences Research Journal*, 2010, 14/1 (44–62).

### Sedimentary Geology

#### Impact of the swell on the stability of the littoral fringe Cape of Bizerte-Ras Ettarf (north-eastern of Tunisia)

Garali A.B., Ouakad M. & Gueddari M., *Arabian Journal of Geosciences*, 2010, 3/2 (141–153).

#### Widespread active seepage activity on the Nile Deep Sea Fan (offshore Egypt) revealed by high-definition geophysical imagery

Dupré S., Woodside J., Klaucke I., Mascle J. & Foucher J.-P., *Marine Geology*, 2010, 275/1–4 (1–19).

#### Climate and sea level induced turbidite activity in a canyon system offshore the hyperarid Western Sahara (Mauritania): The Timiris Canyon

Henrich R., Cherubini Y. & Meggers H., *Marine Geology*, 2010, 275/1–4 (178–198).

#### Microbial facies in a Sturtian cap carbonate, the Rasthof Formation, Otavi Group, northern Namibia

Pruss S.B., Bosak T., Macdonald F.A., McLane M. & Hoffman P.F., *Precambrian Research*, 2010, 181/1–4 (187–198).

**Impact of hydrographic parameters and seasonal variation in sediment fluxes on coral status at Chumbe and Bawe reefs, Zanzibar, Tanzania**

Muzuka A.N.N., Dubi A.M., Muhando C.A. & Shaghude Y.W., *Estuarine, Coastal and Shelf Science*, 2010, 89/2 (137–144).

**Sand movement patterns in the Western Desert of Egypt: An environmental concern**

Hereher M.E., *Environmental Earth Sciences*, 2009, 59/5 (1119–1127).

**Confined gravity flow sedimentary process and its impact on the lower continental slope, Niger Delta**

Li L., Wang Y.M., Zhang L.M. & Huang Z.C., *Science China Earth Sciences*, 2010, 53/8 (1169–1175).

**Surface and subsurface flow effect on permanent gully formation and upland erosion near Lake Tana in the Northern Highlands of Ethiopia**

Tebebou T.Y., Abiy A.Z., Dahlke H.E., Easton Z.M., Zegeye A.D., Tilahun S.A., Collick A.S., Kidnau S., Moges S., Dadgari

F. & Steenhuis T.S., *Hydrology and Earth System Sciences Discussions*, 2010, 7/4 (5235–5265).

**Distributions and sources of aliphatic hydrocarbons and ketones in surface sediments from the cross river estuary, S.E. niger delta, Nigeria**

Oyo-Ita O.E., Ekpo B.O., Oros D.R. & Simoneit B.R.T., *Journal of Applied Sciences in Environmental Sanitation*, 2010, 5/1 (1–11).

**Identification of 5 $\alpha$ -stanones as tracers for input from sewage and animal husbandry in surface sediments from the cross river estuary, s.e. niger delta, Nigeria**

Oyo-Ita O.E., Ekpo B.O., Oros D.R. & Simoneit B.R.T., *Journal of Applied Sciences in Environmental Sanitation*, 2010, 5/1 (13–22).

**Evolution, architecture and hierarchy of distributary deep-water deposits: a high-resolution outcrop investigation from the Permian Karoo Basin, South Africa**

Prélat A., Hodgson D.M. & Flint S.S., *Sedimentology*, 2009, 56/7 (2132–2154).

## Stratigraphy

**Subglacial deformation and water-pressure cycles as a key for understanding ice stream dynamics: Evidence from the Late Ordovician succession of the Djado Basin (Niger)** Denis M., Guiraud M., Konaté M. & Buoncristiani J.-F., *International Journal of Earth Sciences*, 2010, 99/6 (1399–1425).

**Stratigraphy and sedimentology of the Jurassic–Cretaceous continental " Redbeds" of the central High Atlas (Morocco): Paleogeographical and geodynamical implications**

Haddoumi H., Charrière A. & Mojón P.-O., *Geobios*, 2010, 43/4 (433–451).

**Modelling genesis of intracratonic chains related to tectonics inheritance. Case study from Gafsa Basin (Southern Central Tunisia)**

Bensaïlem M.S., Ghanmi M. & Zargouni F., *Journal of Geography and Geology*, 2009, 1/2 (58–70).

**Subsurface stratigraphy and micropaleontology of the Neo-gene rocks, Nile Delta, Egypt**

Ismail A.A., Boukhary M. & Naby A.I.A., *Geologia Croatica*, 2010, 63/1 (1–26).

## The Quaternary

**Cemented ash as a receptacle or work surface for ochre powder production at Sibudu, South Africa, 58,000 years ago**

Wadley L., *Journal of Archaeological Science*, 2010, 37/10 (2397–2406).

**A high resolution and continuous isotopic speleothem record of paleoclimate and paleoenvironment from 90 to 53 ka from Pinnacle Point on the south coast of South Africa**

Bar-Matthews M., Marean C.W., Jacobs Z., Karkanas P., Fisher E.C., Herries A.I.R., Brown K., Williams H.M., Bernatchez J., Ayalon A. & Nilssen P.J., *Quaternary Science Reviews*, 2010, 29/17–18 (2131–2145).

**A Holocene sequence of vegetation change at Lake Eteza, coastal KwaZulu-Natal, South Africa**

Neumann F.H., Scott L., Bousman C.B. & van As L., *Review of Palaeobotany and Palynology*, 2010, 162/1 (39–53).

**Intensive El Niño and the Iron Age of South-eastern Africa**

Huffman T.N., *Journal of Archaeological Science*, 2010, 37/10 (2572–2586).

**Middle-Late Quaternary paleoclimate of northern margins of the Saharan–Arabian Desert: Reconstruction from speleothems of Negev Desert, Israel**

Vaks A., Bar-Matthews M., Matthews A., Ayalon A. & Frumkin A., *Quaternary Science Reviews*, 2010, 29/19–20 (2647–2662).

**Ostracods and the Holocene palaeolimnology of Lake Qarun, with special reference to past human–environment interactions in the Fayum (Egypt)**

Keatings K., Holmes J., Flower R., Horne D., Whittaker J.E. & Abu-Zied R.H., *Hydrobiologia*, 2010, 654/1 (155–176).

**Late-Holocene savanna dynamics in the Amboseli Basin, Kenya**

Rucina S.M., Muiruri V.M., Downton L. & Marchant R., *Holocene*, 2010, 20/5 (667–677).

**Siliceous microfossils as late-Quaternary paleo-environmental indicators at Braamhoek wetland, South Africa**

Finné M., Norström E., Risberg J. & Scott L., *Holocene*, 2010, 20/5 (747–760).

**Sedimentary geology and human origins: A fresh look at Olduvai Gorge, Tanzania**

Ashley G.M., Dominguez-Rodrigo M., Bunn H.T., Mabulla A.Z.P. & Baquedano E., *Journal of Sedimentary Research*, 2010, 80/7–8 (703–709).

## Palaeontology

**Leaf-jams – A new and unique leaf deposit in the ephemeral Hoanib River, NW Namibia: Origin and plant taphonomic implications**

Hofmann C.-C. & Rice A.H.N., *International Journal of Coal Geology*, 2010, 83/2–3 (195–203).

**The oldest fossil hippopotamus (*Hippopotamus laloumena*) of Madagascar (Belobaka, Mahajanga Province)**

Faure M., Guérin C., Genty D., Gommery D. & Ramanivosoa B., *Comptes Rendus – Palevol*, 2010, 9/4 (155–162).

**Gaudeamus lavocati sp. nov. (Rodentia, Hystricognathi) from the early Oligocene of Zallah, Libya: First African caviomorph?**

Coster P., Benammi M., Lazzari V., Billet G., Martin T., Salem M., Bilal A.A., Chaimanee Y., Schuster M., Valentin X., Brunet M. & Jaeger J.-J., *Naturwissenschaften*, 2010, 97/8 (697–706).

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