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• SCIENCE

Coastal Aquifer Management: Monitoring, Modeling, and Case Studies Ashok Pandit J. Environ. Qual. 2004; 33(6): p. 2390-b-2391-b
<http://jeq.scijournals.org/cgi/content/full/33/6/2390-b?ct>

Residual and Contact Herbicide Transport through Field Lysimeters via Preferential Flow R. W. Malone, M. J. Shipitalo, R. D. Wauchope, and H. Sumner J. Environ. Qual. 2004; 33(6): p. 2141-2148 <http://jeq.scijournals.org/cgi/content/abstract/33/6/2141?ct>

Mechanisms of Thorium Migration in a Semiarid Soil A. J. Bednar, D. B. Gent, J. R. Gilmore, T. C. Sturgis, and S. L. Larson J. Environ. Qual. 2004; 33(6): p. 2070-2077
<http://jeq.scijournals.org/cgi/content/abstract/33/6/2070?ct>

Microcosm Studies on Anaerobic Phosphate Flux and Mineralization of Lake Sediment Organic Carbon Jing Song, Yongming Luo, Qiguo Zhao, and Peter Christie J. Environ. Qual. 2004; 33(6): p. 2353-2356
<http://jeq.scijournals.org/cgi/content/abstract/33/6/2353?ct>

Particulate Phosphorus Transport within Stream Flow of an Agricultural Catchment R. W. McDowell and R. J. Wilcock J. Environ. Qual. 2004; 33(6): p. 2111-2121
<http://jeq.scijournals.org/cgi/content/abstract/33/6/2111?ct>

Effect of the Prestige Oil Spill on Salt Marsh Soils on the Coast of Galicia (Northwestern Spain) M. L. Andrade, E. F. Covelo, F. A. Vega, and P. Marcet J. Environ. Qual. 2004; 33(6): p. 2103-2110 <http://jeq.scijournals.org/cgi/content/abstract/33/6/2103?ct>

The Effect of pH on Metal Accumulation in Two Alyssum Species Urszula Kukier, Carinne A. Peters, Rufus L. Chaney, J. Scott Angle, and Richard J. Roseberg J. Environ. Qual. 2004; 33(6): p. 2090-2102 <http://jeq.scijournals.org/cgi/content/abstract/33/6/2090?ct>

The Reduction of Internal Phosphorus Loading Using Alum in Spring Lake, Michigan Alan Steinman, Rick Rediske, and K. Ramesh Reddy J. Environ. Qual. 2004; 33(6): p. 2040-2048 <http://jeq.scijournals.org/cgi/content/abstract/33/6/2040?ct>

Fenitizing Processes Induced by Ferrocarbonatite Magmatism at Swartbooisdrif, NW Namibia KIRSTEN DRUPPEL, JOCHEN HOEFS, and MARTIN OKRUSCH J. Petrology published 11 November 2004, 10.1093/petrology/egh081
<http://petrology.oupjournals.org/cgi/content/abstract/egh081v1?ct>

Clarity Across the Disciplines: An Analysis of Texts in the Sciences, Social Sciences, and Arts and Humanities James Hartley, Eric Sotto, and Claire Fox Science Communication. 2004; 26(2): p. 188-210 <http://scx.sagepub.com/cgi/content/abstract/26/2/188?ct>

Shaping Up Planet Earth: The International Geophysical Year (1957-1958) and Communicating Science Through Print and Film Media Fae L. Korsmo Science Communication. 2004; 26(2): p. 162-187
<http://scx.sagepub.com/cgi/content/abstract/26/2/162?ct>

Miocene winged fruits of *Loxopterygium* (Anacardiaceae) from the Ecuadorian Andes
Robyn J. Burnham and Nina L. Carranco *Am. J. Bot.* 2004; 91(11): p. 1767-1773
<http://www.amjbot.org/cgi/content/abstract/91/11/1767?ct>

Pleistocene Brown Bears in the Mid-Continent of North America Paul Matheus, James Burns, Jaco Weinstock, and Michael Hofreiter *Science*. 2004; 306(5699): p. 1150
<http://www.sciencemag.org/cgi/content/abstract/306/5699/1150?ct>

PALEOANTHROPOLOGY: Skeptics Question Whether Flores Hominid Is a New Species
Michael Balter *Science*. 2004; 306(5699): p. 1116a
<http://www.sciencemag.org/cgi/content/summary/306/5699/1116a?ct>

OCEAN SCIENCE: Enhanced: Deep Ocean Overturning--Then and Now Jess F. Adkins and Claudia Pasquero *Science*. 2004; 306(5699): p. 1143-1144
<http://www.sciencemag.org/cgi/content/summary/306/5699/1143?ct>

Geochemical Precursors to Volcanic Activity at Mount St. Helens, USA Kim Berlo, Jon Blundy, Simon Turner, Kathy Cashman, Chris Hawkesworth, and Stuart Black *Science*. 2004; 306(5699): p. 1167-1169
<http://www.sciencemag.org/cgi/content/abstract/306/5699/1167?ct>

Earth Tides Can Trigger Shallow Thrust Fault Earthquakes Elizabeth S. Cochran, John E. Vidale, and Sachiko Tanaka *Science*. 2004; 306(5699): p. 1164-1166
<http://www.sciencemag.org/cgi/content/abstract/306/5699/1164?ct>

GEOLOGY: Taking Inventory Brooks Hanson *Science*. 2004; 306(5699): p. 1103c
<http://www.sciencemag.org/cgi/content/summary/306/5699/1103c?ct>

Magma Tracers *Science*. 2004; 306(5699): p. 1097I
<http://www.sciencemag.org/cgi/content/summary/306/5699/1097I?ct>

Seismic Ebb and Flow *Science*. 2004; 306(5699): p. 1097a
<http://www.sciencemag.org/cgi/content/summary/306/5699/1097a?ct>

DR Lovley, DE Holmes, and KP Nevin Dissimilatory Fe(III) and Mn(IV) reduction. *Adv Microb Physiol* 1 Jan 2004 49: p. 219.
<http://highwire.stanford.edu/cgi/medline/pmid:15518832>

YM Hao, BX Mai, CL Li, GY Sheng, JM Fu, ZS Wang, and UW Tang [Primarily study of alkylphenols in sediment core from Nam Van artificial lake of Macao] *Huan Jing Ke Xue* 1 Jul 2004 25(4): p. 129. <http://highwire.stanford.edu/cgi/medline/pmid:15515952>

ZM Migaszewski, A Galuszka, and P Paslawski The use of the barbell cluster ANOVA design for the assessment of environmental pollution: a case study, Wigierski National Park, NE Poland. *Environ Pollut* 1 Jan 2005 133(2): p. 213.
<http://highwire.stanford.edu/cgi/medline/pmid:15519452>

L Dsikowitzky, J Schwarzbauer, A Kronimus, and R Littke The anthropogenic contribution to the organic load of the Lippe River (Germany). Part I: qualitative characterisation of low-molecular weight organic compounds. *Chemosphere* 1 Dec 2004 57(10): p. 1275.
<http://highwire.stanford.edu/cgi/medline/pmid:15519372>

L Dsikowitzky, J Schwarzbauer, and R Littke The anthropogenic contribution to the organic load of the Lippe River (Germany). Part II: quantification of specific organic contaminants. *Chemosphere* 1 Dec 2004 57(10): p. 1289.
<http://highwire.stanford.edu/cgi/medline/pmid:15519373>

Emmanuel J P Douzery and Dorothee Huchon Rabbits, if anything, are likely Glires. Mol Phylogenet Evol 1 Dec 2004 33(3): p. 922.
<http://highwire.stanford.edu/cgi/medline/pmid:15522813>

M Zhu and PE Ahlberg The origin of the internal nostril of tetrapods. Nature 4 Nov 2004 432(7013): p. 94. <http://highwire.stanford.edu/cgi/medline/pmid:15525987>

RJ Burnham and KR Johnson South American palaeobotany and the origins of neotropical rainforests. Philos Trans R Soc Lond B Biol Sci 29 Oct 2004 359(1450): p. 1595.
<http://highwire.stanford.edu/cgi/medline/pmid:15519975>

RD van der Hilst Geophysics. Changing views on Earth's deep mantle. Science 29 Oct 2004 306(5697): p. 817. <http://highwire.stanford.edu/cgi/medline/pmid:15514143>

J Swakon, K Kozak, M Paszkowski, R Gradzinski, J L Oskiewicz, J Mazur, M Janik, J Bogacz, T Horwacik, and P Olko Radon concentration in soil gas around local disjunctive tectonic zones in the Krakow area. J Environ Radioact 1 Jan 2004 78(2): p. 137.
<http://highwire.stanford.edu/cgi/medline/pmid:15511556>

Wendy L Mao, Guoyin Shen, Vitali B Prakapenka, Yue Meng, Andrew J Campbell, Dion L Heinz, Jinfu Shu, Russell J Hemley, and Ho-Kwang Mao Ferromagnesian postperovskite silicates in the D" layer of the Earth. Proc Natl Acad Sci U S A 1 Nov 2004.
<http://highwire.stanford.edu/cgi/medline/pmid:15520393>

AR Plastino and A Daffertshofer Liouville dynamics and the conservation of classical information. Phys Rev Lett 24 Sep 2004 93(13): p. 138701.
<http://highwire.stanford.edu/cgi/medline/pmid:15524765>

E Petrovsky, Z Hulka, and A Kapicka A new tool for in situ measurements of the vertical distribution of magnetic susceptibility in soils as basis for mapping deposited dust. Environ Technol 1 Sep 2004 25(9): p. 1021.
<http://highwire.stanford.edu/cgi/medline/pmid:15515268>

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