

# Earth Science and Engineering

## New books for March 2011

**The following is a list of publications ordered for ESE. All are available for loan from the Central Library. (A standard loan is a three week loan.)**

Ancient earthquakes  
Sintubin, Manuel (ed)  
Geological Society of America, 2010  
551.22 ANC (STANDARD)

Biominerals and fossils through time  
Cuif, Jean-Pierre  
Cambridge University Press, 2011  
560 CUI (STANDARD)

Coalinga, California earthquake of May 2, 1983  
Rymer, Michael J  
US Geological Survey, 1989  
551.22 (COA) (STANDARD)

Developments and innovation in carbon dioxide (CO<sub>2</sub>) capture and storage technology  
Maroto-Valer, M Mercedes  
CRC Press, 2010  
628.5 DEV (STANDARD)

Earthquakes and water  
Wang, Chi-Yuen  
Springer-Verlag, 2010  
551.48 WAN (STANDARD)

Empires of oil: corporate oil in barbarian worlds  
Clarke, Duncan  
Profile, 2007  
338.272 CLA (STANDARD)

Energy policy analysis and modelling  
Munasinghe, Mohan  
Cambridge University Press, 2008  
333.79 MON (STANDARD)

Energy risk and competitive advantage: the information imperative  
Randall, Scott  
PennWell, 2008  
333.79 RAN (STANDARD)

Financing energy projects in developing countries  
Razavi, Hossein  
PennWell, 2007  
333.79 RAZ (STANDARD)

Fundamentals of petroleum and petrochemical engineering  
Chaudhuri, Uttam Ray  
CRC, 2011  
665.5 CHA (STANDARD)

General hydrology  
Pinneker, E V (ed)  
Cambridge University Press, 2010  
551.49 GEN (STANDARD)

Geological field techniques  
Coe, Angela (ed)  
Wiley-Blackwell, 2010  
551.072 GEO (STANDARD)

Geological sequestration of carbon dioxide: thermodynamics, kinetics and reaction path modelling  
Marini, Luigi  
Elsevier, 2007  
553.2 MAR (STANDARD)

Geology of stratigraphic sequences  
Miall, Andrew D  
Springer, 2010  
551.7 MIA (STANDARD)

Geomaterials under the microscope: a colour guide: building stone, roofing slate, aggregates, concrete, mortar, plaster, bricks, ceramics and bituminous mixtures  
Ingham, Jeremy  
Manson, 2011  
691 ING (STANDARD)

Geostatistics explained: an introductory guide for earth scientists  
McKillup, Steve  
Cambridge University Press, 2010  
550.151 MAC (STANDARD)

Handbook of nuclear engineering Vol 1: nuclear engineering fundamentals  
Da Cucuci, D G  
Springer, 2010  
621.48 HAN (STANDARD)  
Electrochemical supercapacitors: scientific fundamentals and technological applications

Conway, B E  
Kluwer Academic/Plenum, 1999  
621.312 CON (STANDARD)

Heat generation and transport in the earth  
Jaupart, Claude  
Cambridge University Press, 2011  
536.2 JAU (STANDARD)

Introduction to coastal processes and geomorphology  
Davidon-Arnott, R  
Cambridge University Press, 2010  
551.457 DAV (STANDARD)

Introduction to the global oil and gas business  
Van Vector, Samuel  
PennWell, 2010  
338.272 VAN (STANDARD)

Introduction to ocean turbulence  
Thorpe, Stephen A  
Cambridge University Press, 2007  
551.462 THO (STANDARD)

Introduction to plant fossils  
Cleal, Christopher J  
Cambridge University Press, 2009  
561 CLE (STANDARD)

Introduction to water resources and environmental issues  
Pennington, Karrie Lynn  
Cambridge University Press, 2010  
333.91 PEN (STANDARD)

Introduction to well logs and subsurface maps  
Evenick, Jonathan  
PennWell, 2008  
622.182 EVE (STANDARD)

Introductory mathematics for earth scientists  
Yang, Xin-She  
Dunedin, 2009  
550.151 YAN (STANDARD)

LNG risk based safety: modelling and consequence analysis  
Woodward, John L  
Wiley, 2010  
665.773 WOO (STANDARD)

Looking into the earth: an introduction to geological geophysics  
Mussett, Alan E  
Cambridge University Press, 2000  
550 MUS (STANDARD)

M8.0 Wenchuan earthquake  
Xing, Huilin  
Springer, 2011  
551.22 XIN (STANDARD)

Megaflooding on Earth and Mars  
Burr, Devon M (ed)  
Cambridge University Press, 2009  
551.489 MEG (STANDARD)

Non-marine organic geochemistry  
Swain, Frederick M  
Cambridge University Press, 2010  
551.9 SWA (STANDARD)

Oil trade politics and prospects  
Hartshorn, J E  
Cambridge University Press, 2010  
338.272 HAR (STANDARD)

Oil, water and climate: an introduction  
Gautier, Catherine  
Cambridge University Press, 2008  
363.7 GAU (STANDARD)

Paleoclimates: understanding climate change past and present  
Cronin, Thomas M  
Columbia University Press, 2010  
551.609 CRO (STANDARD)

Petroleum geosciences  
Bjorlykke, Knut  
Springer, 2009  
553.28 BJO (STANDARD)

Planet in a pebble: a journey into Earth's deep history  
Zalasiewicz, J A  
Oxford University Press, 2010  
551.7 ZAL (STANDARD)

Principles of planetary climate  
Pierrehumbert, Raymond T  
Cambridge University Press, 2010  
551.699 PIE (STANDARD)

Realities of nuclear power: international economic and regulatory experience  
Thomas, Steve D  
Cambridge University Press, 2009  
338.476 THO (STANDARD)

Reconstruction quaternary environments  
Lowe, J J  
Pearson Education Ltd., 1997  
551.79 LOW (STANDARD)

Sedimentary rocks in the field: a colour guide  
Stow, Dorrick A  
Manson, 2005  
552.5 STO (STANDARD)

Southern England: looking at the natural  
landscapes  
Friend, Peter F  
Collins, 2008  
508.422 FRI (STANDARD)

Subsea pipeline engineering  
Palmer, Andrew C  
PennWell Corporation, 2008  
621.867 PAL (STANDARD)

Terra incognita: a navigation aid for energy  
leaders  
Ross, Christopher E  
PennWell Corporation, 2007  
33.79 ROS (STANDARD)

Troubled waters: ocean science and governance  
Holland, Geoffrey D (ed)  
Cambridge University Press, 2010  
333.916 TRO (STANDARD)

Wealth building strategies in energy, metals and  
other markets  
Waltzek, Chris  
John Wiley, 2010  
332.6 WAL (STANDARD)

Why we hate the oil companies: straight talk from  
an energy insider  
Hofmeister, John  
Palgrave Macmillan, 2010  
338.272 HOF (STANDARD)

#### **MAP**

World atlas of desertification, 2<sup>nd</sup> edition  
Middleton, Nick (ed)  
Arnold, 2010  
333.736 WOR (STANDARD)