

20418 Processos sedimentaris.

Programa (2007)

1. Sedimentació i Clima
2. Cicles i Ordres de ciclicitat
3. Moviments de la Terra
4. Generalitats sobre cicles orbitals
5. Cicles orbitals
6. Activitat Solar
7. Introducció a les Edats del Gel
8. Precambrià
9. Ordovicià
10. Permo-Trias
11. Glaciacions quaternàries
12. Terra hivernacle 100 Ma
13. Events anòxics
14. Dinàmica Oceà-Clima al Cretaci.
15. Fenòmens Naturals que influeixen en el Clima I: OID (Dipol Oceà Indic),
16. Fenòmens Naturals que influeixen en el Clima II: PDO (Oscil.lació Decadal del Pacífic),
17. Fenòmens Naturals que influeixen en el Clima III: ENSO (El Niño/La Niña),
18. Fenòmens Naturals que influeixen en el Clima IV: NAO (Oscil.lació de l'Atlàntic Nord), AO (Oscil.lació de l'Àrtic),
19. Seqüències Depositionals
20. Fàcies Genètiques d'events Catastròfics
21. Sistemes Turbidítics

Bibliografia (la majoria és a la biblioteca de Ciències)

Emery & Myers (1996) Sequence Stratigraphy. Blackwell Science

Haq, Hardenbol & Vail (1987) Chronology Of Fluctuating Sea Levels Since The Triassic. Science 235: 1156-1166

Howell (1996) High-resolution sequence stratigraphy: Innovation and applications. Geological Society

Miall (1996) The geology of Stratigraphic sequences, Springer

Payton (1977) Seismic Stratigraphy: Applications To Hydrocarbon Exploration. AAPG Mem. 26

Trabant, Vail (1996) Seismic Sequence Stratigraphy. Springer

Uriarte, A.(2003) Historia del Clima en la Tierra. Serv. Central Publ. Gobierno Vasco. 306 pp

Van Wagoner & Bertran (1995) Sequence Stratigraphy Of Foreland Basin Deposits. AAPG Mem. 64

Wilgus et al. (1988) Sea Level Changes: An Integrated Approach. SEPM Sp Publ. 42

Van Wagoner, Mitchum, Campion & Rahmaniann (1990) Siliciclastic Sequence Stratigraphy In Well Logs, Cores and Outcrops. AAPG Met In Exploration, 7

Adreces Web

▼ Seqüencial	9 elementos
An Online Guide to Sequence Stratigraphy	http://www.uga.edu/~strata/sequence/seqStrat.html
USC Sequence Stratigraphy Web	http://strata.geol.sc.edu/
Sequence stratigraphy page 1	http://www.aseg.org.au/publications/Mul/ss1.htm
Online–Course Stratigraphy	http://www.geologie.uni-stuttgart....rse/NewFiles/Lecture3_Inhalt.html
Heller Home Page	http://faculty.gg.uwyo.edu/heller/
C3D_main	http://www.gl.rhbc.ac.uk/sedtec/Georg/New_Website/C3D_main.htm
Sequence Stratigraphy	http://www.chronos.org/ed/resources/sequence-stratigraphy2.html
Geocomplexity	http://www.geocomplexity.com/
Clastic Sedim and Seq Strat	http://www.uic.edu/classes/geol/eaes455/
▼ Milankovitch	6 elementos
Milankovitch Cycles in Paleoclimate	http://deschutes.gso.uri.edu/~rutherfo/milankovitch.html
Astronomical Theory Of...planation For Ice Age	http://www.lbl.gov/Science-Articles/Archive/ice-age-sediments.html
NORRIS.AGU.CHR.html	http://www-odp.tamu.edu/~klaus...BLICATIONS/NORRIS.AGU.CHR.html
WorkPage: World Locator for New Research	http://www.best.com/~workline/f/42/064f.htm
Milankovitch theory and Global Change	http://gly.fsu.edu/~kish/dynamic/global/LAS.htm
Milankovitch Cycles	http://www.homepage.montana.edu...5/hyperglac/time1/milankov.htm
▼ El Niño	6 elementos
IRI Net Assessment Forecasts, most recent	http://iri.columbia.edu/climate/forecast/net_asmt/
El-Niño Southern Oscillation (ENSO)	http://www.vision.net.au/~daly/elniño.htm
Solar Activity controls El Niño and La Niña	http://www.vision.net.au/~daly/sun-enso/sun-enso.htm
Solar Activity: A Domi...r in Climate Dynamics	http://www.vision.net.au/~daly/solar/solar.htm
El Nino Home Page – USGS	http://walrus.wr.usgs.gov/elniño/
Online Science Resourc...cator Results: El Niño	http://marine.usgs.gov/cgi-bin/lo...cted_region=n&selected_content=n

Clima i glaciacions

Climate Change and Var...on Mechanisms and E...	http://www.colby.edu/sts/st215/6.2view/sld001.htm
Paleoclimatology Slide Sets	http://www.ngdc.noaa.gov/paleo/slides/slideset/
isostasie glaciaire	http://www-geol.unine.ch/cours/geol/isostasie_glaciaire.htm
glaciacions	http://www-geol.unine.ch/cours/geol/glaciacions.htm
Charlotte the Vermont W...rs and the Glacial Ages	http://www.uvm.edu/whale//GlaciersGlacialAges.html
Glacial Geology at the University of Cincinnati	http://tv11.geo.uc.edu/ice/glacier.html
Glaciers and Past Glaciacions	http://www.luau.ucsd.edu/es10/lectures/lecture19/lecture17.html
Glaciers -- Illinois State Museum	http://museum.state.il.us/exhibits/larson/glaciers.html
Past Environments -- Illinois State Museum	http://museum.state.il.us/exhibits/larson/environments.html
QTVR of New Zealand Glaciers 1999	http://tv11.geo.uc.edu/ice/Image/vr/NZpan/NZpan.html
Air Photo Views of the E...cts of The Iceland Flood	http://tv11.geo.uc.edu/ice/Image/Flood/flood1.html
Glaciacions dans les Alpes	http://www.geol-alpes.com/alpes_francaises/alpes_glaciation.html
glaciacions	http://la.climatologie.free.fr/glaciation/glaciation.htm
effet-volcans	http://la.climatologie.free.fr/volcan/effetvolcan.htm
soleil	http://la.climatologie.free.fr/soleil/soleil.htm
les phénomènes climatiques	http://la.climatologie.free.fr/phenomene-climat/phenoclimatique.htm
Climate Prediction Center	http://www.cpc.ncep.noaa.gov/