

20418 Processos sedimentaris.

Programa (2005)

1. Estratigrafia Sequencial: Generalitats
2. Ordres de ciclicitat
3. Conceptes
4. Seqüència deposicional
5. Prisma inicial de nivell baix
6. Prisma final de nivell baix
7. Fluxes gravitatus i Estratigrafia Seqüencial
8. Prisma transgressiu
9. Prisma de nivell alt
10. Prisma de vora de plataforma
11. Efectes de la subsidència en seqüències deposicionals
12. Seqüències continentals
13. Cicles d'alta freqüència
14. Cicles orbitals i climàtics (Milankovitch).
15. Períodes glacials/no glacials.
16. Events Anòxics Oceànics
17. Fenòmens Naturals que influeixen en el Clima I: OID (Dipol Oceà Indic),
18. Fenòmens Naturals que influeixen en el Clima II: PDO (Oscil.lació Decadal del Pacífic),
19. Fenòmens Naturals que influeixen en el Clima III: ENSO (El Niño/La Niña),
20. Fenòmens Naturals que influeixen en el Clima IV: NAO (Oscil.lació de l'Atlàntic Nord), AO (Oscil.lació de l'Àrtic),
21. Fenòmens Naturals que influeixen en el Clima V: Cicles d'Activitat Solar, Altres

Bibliografia

Emery & Myers (1996) Sequence Stratigraphy. Blackwell Science

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

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

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

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

Adreces Web

▼ Sequencial	9 elements
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.glrhbc.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 elements
Milankovitch Cycles in Paleoclimate	http://deschutes.gso.uri.edu/~rutherford/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 elements
IRI Net Assessment Forecasts, most recent	http://iri.columbia.edu/climate/forecast/net_asmt/
El-Nino Southern Oscillation (ENSO)	http://www.vision.net.au/~daly/el_nino.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/el_nino/
Online Science Resourc...cator Results: El Niño	http://marine.usgs.gov/cgi-bin/lo...cted_region=n&selected_content=n

Clima i galcacions

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
glaciations	http://www-geol.unine.ch/cours/geol/glaciations.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 Glaciations	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
Glaciations dans les Alpes	http://www.geol-alpes.com/alpes_francaises/alpes_glaciation.html
glaciations	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/