

Curriculum Vitae

Carlota Escutia Dotti

Instituto Andaluz de Ciencias de la Tierra
CSIC-Univ. Granada
Fuentenueva s/n
18002 Granada
Tel: (34) 958 240504
Email: *cescutia@ugr.es*

Educación

Universidad Politécnica de Catalunya	Doctorado en Ciencias de Mar	1992
Universidad Autónoma de Barcelona	Master Geología: Geología Estructural	1985
Universidad Autónoma de Barcelona	Licenciatura en Ciencias Geológicas	1982

Experiencia Profesional

Investigación

- 2005-Actualidad: Científica Titular. Consejo Superior de Investigaciones Científicas.
- 2002-2005: Investigadora “Ramón y Cajal” Consejo Superior de Investigaciones Científicas.
- 2001-2002: Research Affiliate. Texas A&M University.
- 1998-2002: Assistant Research Scientist/Leg Project Manager. Ocean Drilling Program-Texas A&M University
- 1996-2002: Adjunct Professor. California State University, Hayward (USA)
- 1997-1998: Visiting Scientist. United States Geological Survey, Menlo Park (USA)
- 1995-1997: Postdoctorado MEC en el United States Geological Survey, Menlo Park (USA)
- 1994-1995: Visiting Scholar. Stanford University (USA)
- 1984-1985: Research Council (CSIC), Instituto de Ciencias del Mar, Barcelona (Spain)

Docencia

- 2004-Actualidad: Paleoc oceanografía y Cambio Global: análisis integrado del registro marino (5ECTS). Master de Geología. Programa de Doctorado con “Mención de Calidad” Universidad de Granada.
- 1995-1998: Lecturer: Oceanography and Geology. Foothill College (CA, USA)
- 1995 Consulting Assistant Professor. Stanford University (CA, USA)
- 1994 Lecturer: Environmental Geology. San Jose State University (CA, USA)
- 1994-1998 Lecturer: Geology. Santa Clara University (CA, USA)
- 1993-1994 Lecturer: Geology and Oceanography. College of San Mateo (CA, USA)

Proyectos de Investigación

- 2008-2013: IP y *co-chief* científica en la Expedición IODP 318 a la Tierra de Wilkes (Antártida).
- 2003-2010: IP en 5 proyectos del Plan Nacional I+D del MCINN y de 2 proyectos del CSIC.
- 1997-2003: IP en 7 proyectos financiados por agencias de financiación Estadounidenses (JOI-USSSP y NSF)

Experiencia en Gestión (últimos 5 años)

- Chair del Scientific Committee on Antarctic Research (SCAR) Program: Antarctic Climate Evolution (ACE), desde Julio 2008.
- Secretaria del Comité Científico Asesor del IODP-España, desde 2007.
- Miembro del Comité Científico SCAR-Antarctic Climate Evolution (ACE), 2005-2008.
- Representante de ECORD en el IODP Site Survey Panel, 2004-2007.

Publicaciones Representativas en los últimos 5 años

Escutia C., De Santis, L., Donda, F., Dunbar, R.B., Brancolini, G., Eittrheim, S.L., and Cooper, A.K., 2005. Cenozoic ice sheet history from east Antarctic Wilkes Land continental margin sediments. *Global and Planetary Change*, 45, 1-3: 51-81.

Maldonado, A., Barnolas, A., Bohoyo, F., **Escutia, C.**, Galindo-Zaldívar, J., Hernández-Molina, J., Jabaloy, A., Lobo, F., Nelson, C.H., Rodríguez-Fernández, J., Somoza, L., and Vázquez, J.T., 2005. Miocene to recent northern Weddell Gyre flows: contourite drifts, the onset of glaciations and a discussion of contourite/turbidite seismic signatures (Antarctica). *Global and Planetary Change*, 45, 1-3: 99-129.

Sager, W., y **Escutia, C.** 2005. Leg 191 Synthesis: Summary of Scientific Results, ODP Leg 191 **Referencia:** In: Sager, W.W., Kanazawa, T., and Escutia, C. (Eds) Proceedings, Scientific Results, 191 Volume 191: 1- 19. Ocean Drilling Program, Texas A&M University.

Vizcaino, A., Grácia, E., Pallás, R., García-Orellana, J., **Escutia, C.**, Casas, D., Willmott, V., Díez, S., Asioli, A., and Dañobeitia, J. J. 2006. Sedimentology, physical properties and ages of mass-transport deposits associated to the Marqués de Pombal Fault, Southwest Portuguese Margin **Referencia:** *Norwegian Journal of Geology*, Vol. 6: 177-186.

Escutia, C., Canon, M., and Gutiérrez-Pastor, J., 2006. $^{40}\text{Ar}/^{39}\text{Ar}$ chronology of discrete ash layers in the northwestern Pacific: ODP Sites 1149 and 1179. In: Ludden, J.N., Plank, T., y Escutia, C. (Eds) Proceedings Ocean Drilling Program, Scientific Results Vol. 185: 1-20.

Ludden, J., Plank, T., Larson, R. y **Escutia, C.** 2006. ODP Leg 185 Synthesis: Sampling the oldest crust in the ocean basins to understand Earth's geodynamic and geochemical fluxes. In: Ludden, J., Plank, T., Escutia, C. (Eds) Proceedings, Scientific Results Vol. 185: 1-35

Donda, F., Brancolini, G., O'Brien, P., De Santis, L., **Escutia, C.** 2007. Sedimentary processes in the Wilkes Land margin: a record of Cenozoic East Antarctic Ice Sheet evolution. *Journal of the Geological Society London*, Vol. 164: 243-256

Barker, P.F., Diekmann, B., and **Escutia, C.** 2007. Onset of Cenozoic Antarctic Glaciation. *Deep Sea Research II* , 54: 2293-2307

Escutia, C., Donda, F., Lobo, F.J., and Tanahashi, M. 2007. Extensive debris flow deposits on the Antarctic Wilkes Land margin: a key to changing glacial regimes. Proceedings of the 10th ISAES, A.K., Cooper and C.R. Raymond et al. (Eds), USGS OF-2007-1047, Short Research Paper 026, doi:10.31333/of2007-1047.srp026.

Cooper, A.K., Brancolini, G., **Escutia, C.**, Kristoffersen, Y., Larter, R., Leitchenkov, G., O'Brien, P., and Jokat, W. 2008. Cenozoic climate history from seismic reflection and drilling studies on the Antarctic continental margin. In: Fabio Florindo and Martin Sietger (eds): *Antarctic Climate Evolution, Developments in Earth and Environmental Sciences*, Vol. 8: 115-228.

Gutierrez-Pastor, J., Nelson, C.H., Goldfinger, C., Johnson, J.E., **Escutia, C.**, Eriksson, A., Morey, A., and the Shipboard Scientific Party. 2009. Earthquake control and Holocene turbidite frequency confirmed by hemipelagic sedimentation chronology on the Cascadia and northern California active continental margins. In: Kneller et al. (Eds), *External Controls on Deep-Water Depositional Systems*. SEPM Special Publications *In press*.

Nelson, C.H., **Escutia, C.**, Goldfinger, C., Karabanov, E. and Guterrez-Pastor, J. 2009. External controls in modern clastic turbidite systems: Three case studies. In: Kneller et al. (Eds), *External Controls on Deep-Water Depositional Systems*. SEPM Special Publications *In press*.