

REFERENCIAS

- Allen, P.A. y Allen, J.R. 1995. Basin Analysis: principles and applications. Blackwell Scientific Publications, 451 pp.
- Galeazzi, J.S. 1998. Structural and stratigraphic evolution of the Western Malvinas basin, Argentina. American Association of Petroleum Geologists, Bulletin, 82, pp. 596-636.
- Ghiglione, M. 2002. Diques clásticos asociados a deformación transcurrente en depósitos sinorogénicos del Mioceno inferior de la Cuenca Austral. Revista de la Asociación Geológica Argentina, 57, pp. 103-118.
- Malumián, N. y Olivero E. 2006. El Grupo Cabo Domingo, Tierra del Fuego: bioestratigrafía, paleoambientes y acontecimientos del Eoceno-Mioceno marino. Revista de la Asociación Geológica Argentina, 61, pp. 139-160.
- Mulder, T., Syvitski, J.P.M., Migeon, S., Faugères, J.C., y Savoye, B. 2003. Marine hyperpycnal flows: initiation, behavior and related deposits. A review: Marine and Petroleum Geology, 20, pp. 861–882.
- Mutti, E., Tinterri, R., Remacha, E., Mavilla, N., Angella, S., y Fava, L. 1999. An introduction to the analysis of ancient turbidite basins from an outcrop perspective: American Association of Petroleum Geologists, Course Notes, 39, 93 pp.
- Mutti, E., Tinterri, R., Benevelli, G., di Biase, D., y Cavanna, G., 2003. Deltaic, mixed and turbidite sedimentation of ancient foreland basins: Marine and Petroleum Geology, 20, pp. 733-755.
- Olivero, E. B. y Malumián, N. 2002. Upper Cretaceous-Cenozoic clastic wedges from the Austral-Malvinas foreland basins, Tierra del Fuego, Argentina: Eustatic and tectonic controls. 3rd European Meeting on the Paleontology and Stratigraphy of Latin America (EMPSLA), Addendum: 6-9. Toulouse, Francia, 19-20 septiembre 2002. Univ. Paul Sabatier.

- Olivero, E.B. y Malumián, N. 2008. Mesozoic-Cenozoic Stratigraphy of the Fuegian Andes, Argentina. En: Geosur: Mesozoic to Quaternary evolution of Tierra del Fuego and neighbouring austral regions II. *Geologica Acta* vol. 6, (1), pp 5-18.
- Plink-Björklund, P., y Steel, R. 2004. Initiation of turbidity currents: Outcrop evidence for Eocene hyperpycnal flow turbidites: *Sedimentary Geology*, 165, pp. 29–52.
- Ponce, J.J, Zavala, C., Marteau, M., y Drittanti, D., 2002. Análisis estratigráfico y modelo deposicional para la Formación Rayoso (Cretácico inferior) en la Cuenca Neuquina, Provincia del Neuquén, in Cabaleri, N., Cingolani, C. A., Linares, E., López de Luchi, M. G., Osterá, H. A., and Panarello, H. O., eds., *Actas del XV Congreso Geológico Argentino CD-ROM*. Artículo N° 234, 2pp.
- Ponce, J. J., Olivero, E. B., y Martinioni, D. R. 2008a. Hyperpycnal-flow deposits in Oligocene-Miocene clinotherms of the Austral basin, Tierra del Fuego, Argentina. En: Ponce, J. J. y Olivero, E. B. (eds.) *Sediment Transfer from Shelf to Deepwater - Revisiting the Delivery Mechanisms*. AAPG Hedberg Research Conference Guidebook. pp. 25-48.
- Ponce J. J., Olivero E., y Martinione D. R. 2008b. Upper Oligocene–Miocene clinoforms of the foreland Austral Basin of Tierra del Fuego, Argentina: Stratigraphy, depositional sequences and architecture of the foredeep deposits. *Journal of South American Earth Sciences*, 26, pp 36-54.
- Robbiani, J.A., Arbe, H. y Gangui, A. 1996. Cuenca Austral marina. En: Ramos, V.A. y Turic, M.A. (Eds.), *Geología y Recursos Naturales de la Plataforma Continental Argentina*. 13° Congreso Geológico Argentino y 3° Congreso de Exploración de Hidrocarburos (Buenos Aires, 1996) Relatorio 17: pp. 323-341.
- Zavala, C., Ponce, J., y Marteau, M. 2001. Origin, sequence stratigraphy and hydrocarbon potential of the Rayoso Formation (Aptian-Albian) in the central Neuquén Basin (Argentina) (abs.): American Association of Petroleum Geologists, Hedberg Conference “New technologies and New Play Concepts in Latin America”, Mendoza, Argentina, pp. 35-36.

Zavala, C., Ponce, J.J., Arcuri, M., Drittanti, D., Freije, H., and Asensio, M. 2006. Ancient lacustrine hyperpycnite: a depositional model from a case study in the Rayoso Formation (Cretaceous) of west-central Argentina. *Journal of Sedimentary Research*, 76, pp. 41–59.

REFERENCIAS

- Allen, P.A. y Allen, J.R. 1995. Basin Analysis: principles and applications. Blackwell, Scientific Publications, pp. 451.
- Arbe, H. A. 1989, Estratigrafía, discontinuidades y evolución sedimentaria del Cretácico en la cuenca Austral, Provincia de Santa Cruz, En: G. A. Chebli and L. A. Spalletti, (Eds.), Cuencas sedimentarias Argentinas: Serie Correlación Geológica 6, Universidad Nacional del Tucumán, pp. 419-442.
- Biddle, K.T., Uliana, M.A., Mitchum, R.M. Jr., Fitzgerald, M., y Wright, R.C. 1986. The stratigraphic and structural evolution of the central and eastern Magallanes Basin, southern South America. En: Allen, P.A., Homewood, P. (Eds.), Foreland Basins, Vol. 8. International Association of Sedimentologists. Special Publication, pp. 41-61.
- Bruhn, R.L. 1979. Rock structures formed during back-arc basin deformation in the Andes of Tierra del Fuego. Geological Society of America, Bulletin, 90, pp. 998-1012.
- Buatois, L. A. y Camacho H. H. 1993. Geología del sector nororiental del Lago Fagnano, Isl Grande de Tierra del Fuego. Revista de la Asociación Geológica Argentina, v. 48, pp. 109-124.
- Camacho, H.H. 1948. Geología de la Cuenca del Lago Fagnano o Cami, Gobernación Marítima de Tierra del Feugo. Unpublished PhD dissertation 543. Universidad de Buenos Aires, p. 66.
- Camacho, H.H. 1967. Las transgresiones del Cretácico superior y Terciario de la Argentina. Revista de la Asociación Geológica Argentina, 22, pp. 253-280.
- Caminos, R. 1980. Cordillera Fueguina. En: Turner, J.C. (Ed.), Geología Regional Argentina II. Simposio de Geología Regional Argentina. Academia Nacional de Ciencias, Córdoba, pp. 1463-1501.
- Caramés, A. y Malumián, N. 2006. La Familia Rzehakinidae (Foraminifera) en el Cretácico superior-Paleogeno de la cuenca Austral y la plataforma continental atlántica adyacente, Argentina. Ameghiniana, 43, pp. 649-668.

- Codignotto, J.O. y Malumián, N. 1981. Geología de la región al Norte del paralelo 54° S. de la Isla Grande de Tierra del Fuego. Revista de la Asociación Geológica Argentina, 36, pp. 44-88.
- Dalziel, I.W.D., De Wit, M.J. y Palmer, K.F. 1974. Fossil marginal basin in the southern Andes. Nature, 250, pp.291-294.
- Dalziel, I.W.D. y Brown, R.L. 1989. Tectonic denudation of the Darwin metamorphic core complex in the Andes of Tierra del Fuego, southernmost Chile. Implications for Cordilleran orogenesis. Geology, 17, pp. 699-703.
- Dott, R. H., Jr., Winn, R. D., De Wit, M. J. y Bruhn, R. L. 1977. Tectonic and sedimentary significance of Cretaceous Teknika beds of Tierra del Fuego: Nature, 266, pp. 620-622.
- Feruglio, E. 1949. Descripción geológica de la Patagonia. Dirección General de Yacimientos Petrolíferos Fiscales, I, II y III, Argentina.
- Flores, M.A., Malumián, N., Masiuk, V. y Riggi, J.C. 1973. Estratigrafía cretácica del subsuelo de Tierra del Fuego. Revista de la Asociación Geológica Argentina, 28, pp. 407-437.
- Fuenzalida, R. y Covacevich, C. 1988. Volcanismo y bioestratigrafía del Jurásico superior y Cretácico inferior en la cordillera Patagónica, región de Magallanes, Chile. I Congreso Geológico Chileno, 3, H159-H183.
- Furque, G. y Camacho, H.H. 1949. El Cretácico superior de la costa Atlántica de Tierra del Fuego. Revista de la Asociación Geológica Argentina, 4, pp. 263-297.
- Galeazzi, J.S. 1996. Cuenca de Malvinas, In: Ramos, V.A., Turic, M.A. (Eds.), Geología y recursos naturales de la plataforma continental Argentina: 13th Congreso Geológico Argentino y 3rd Congreso de Exploración de Hidrocarburos, pp. 273–309.
- Galeazzi, J.S. 1998. Structural and stratigraphic evolution of the Western Malvinas basin, Argentina. American Association of Petroleum Geologists, Bulletin, 82, pp. 596-636.

- Ghiglione, M. C. y Ramos, V. A. 2005. Progression of deformation and sedimentation in the southernmost Andes. *Tectonophysics*, 405, pp. 25-46.
- Ghiglione, M., Ramos, V.A. y Cristallini, E.O. 2002. Estructura y estratos de crecimiento en la faja plegada y corrida de los Andes Fueguinos. *Revista Geológica de Chile*, 29, pp. 17-41.
- Hanson, B.E. y Wilson, T.J. 1991. Submarine rhyolitic volcanism in a Jurassic proto-marginal basin, southern Andes, Chile and Argentina. En: Harmon, R.S., Rapela, C.W. (Eds.), *Andean Magmatism and its Tectonic Setting*. Geological Society of America Special Paper 265, pp. 13–27.
- Herve', F., Davidson, J., Mpodozis, E. y Covacevich, E.V. 1981b. The late Palaeozoic in Chile: stratigraphy, structure and possible tectonic framework. *Annais Academia Brasileira de Ciencias*, 53, pp. 361-373.
- Hornbrook, N. de B., Brazier, R.C. y Strong, C.P. 1989. Manual of New Zealand Permian to Pleistocene Foraminiferal Biostratigraphy. New Zealand Geological Survey Paleontological Bulletin, 56, pp. 1-175.
- Hünicken, M. A., Charrier, R. y Lashen, A. 1975. Baculites (Lytoceratina) de la provincia de Magallanes Chile. I Congreso Argentino de Paleontología y Bioestratigrafía, 2, pp. 115-140.
- Jannou, G. y Olivero, E.B. 2001. Hallazgo de radiolarios del Paleógeno en la Isla Grande de Tierra del Fuego, Argentina. *Ameghiniana*, 38, pp. 317-320.
- Jannou, G., en prensa a. Radiolarios del Paleógeno de la cuenca Austral, Tierra del Fuego, Argentina. *Ameghiniana*.
- Jannou, G., en prensa b. Ostrácodos marinos Paleógeno de Patagonia, sus relaciones con Antártida, Australia y Nueva Zelanda. *Ameghiniana*.
- Katz, H.R. 1963. Revision of Cretaceous stratigraphy in Patagonian cordillera of Ultima Esperanza, Magallanes province, Chile. *American Association of Petroleum Geologists Bulletin*, 47 , pp. 506-524.

- Klepeis, K.A. 1994a. Relationship between uplift of the metamorphic core of the southernmost Andes and shortening in the Magallanes foreland fold and thrust belt, Tierra del Fuego, Chile. *Tectonics*, 13, pp. 882-904.
- Kranck, E.H. 1932. Geological Investigations in the Cordillera of Tierra del Fuego. *Acta Geographic* 4, pp. 1-231.
- Lesta, P., Ferello, R. y Chebli, G. 1980. Chubut extraandino: Geología Regional Argentina, Segundo Simposio: Academia Nacional de Ciencias de Córdoba, 1976, 2, pp. 1307-1387.
- Macellari, C.E. 1979. La presencia del género *Aucellina* (Bivalvia, Cretácico) en la Formación Hito XIX (Tierra del Fuego, Argentina). *Ameghiniana*, 16, pp. 143-172.
- Malumián N. y Náñez C. 1996. Microfósiles y nanofósiles calcáreos de la plataforma continental. In: Ramos V.A., Turic M.A. (Eds.), *Geología y recursos naturales de la plataforma continental Argentina: 13th Congreso Geológico Argentino y 3rd Congreso de Exploración de Hidrocarburos*, pp. 273-309.
- Malumián, N. y Caramés, A. 1989. Foraminíferos uniloculares de ornamentación no reticulada (Eoceno-Oligoceno), Tierra del Fuego, Argentina. *Ameghiniana*, 26, pp. 103-137.
- Malumián, N. y A. Caramés 2002. Foraminíferos de la Formación la Barca, Paleoceno superior, Tierra del Fuego Argentina. *Revista de la Asociación Geológica Argentina*, 57, pp. 219-231.
- Malumián, N. 1988. Foraminíferos bentónicos de la localidad tipo de la Formación La Despedida (Eoceno, Isla Grande de Tierra del Fuego). *Ameghiniana*, 25, pp. 341-356
- Malumián, N. 1999. La sedimentación y el volcanismo terciarios en la Patagonia extraandina. La sedimentación en la Patagonia extraandina. En: *Geología Argentina. Instituto de Geología y Recursos Minerales, Anales*, 29, pp. 557-612.
- Malumián, N. y Olivero, E.B. 2006. El Grupo Cabo Domingo, Tierra del Fuego: bioestratigrafía, paleoambientes y acontecimientos del Eoceno-Mioceno marino. *Revista de la Asociación Geológica Argentina*, 61, pp. 139-160.

Malumián, N. Olivero, E.B. y Concheyro, A. 1994. Microfósiles de la Formación Leticia (Eoceno), Tierra del Fuego, Argentina. Ameghiniana, 31, 398.

Martinioni, D.R. 1997. Cretaceous-Paleogene surface stratigraphy of the Austral Basin in the southernmost Andes: new evidences for the central Tierra del Fuego, Argentina. Gaea Heidelbergensis, 3, pp. 231-232.

Martinioni, D.R., Olivero, E.B. 2008. Interpretación paleoambiental del Cretácico-Paleoceno marino del norte del lago Fagnano, Cuenca Austral, Tierra del Fuego, Argentina. XII Reunión Argentina de Sedimentología. Resúmenes. p.112

Martinioni, D.R., Olivero, E.B. y Palamarczuk, S. 1998. Conglomerados del Paleógeno en Tierra del Fuego: Evidencias de discordancia entre el Cretácico Superior-(Paleoceno) y el Eoceno de Cuenca Austral. Asociación Paleontológica Argentina. Publicación Especial, 5, pp. 129-136.

Martinioni, D.R., Linares, E. y Acevedo, R. 1999a. Significado de la edad isotópica de diques básicos intruidos en la Formación Beauvoir (Cretácico Temprano), Tierra del Fuego, Argentina. Revista de la Asociación Geológica Argentina, 54, pp. 88-91.

Martinioni, D.R., Olivero, E.B. y Palamarczuk, S. 1999b. Estratigrafía y discordancias del Cretácico superior-Paleoceno en la región central de Tierra del Fuego. Simposio. Paleógeno de América del Sur (Bs. As., 1996). SEGEMAR, Anales, 33, pp. 7-16.

Morkhoven van, F.P.C.M., Berggren, W.A. y Edwards, A.S. 1986. Cenozoic Cosmopolitan Deep-Water Benthic Foraminifera. Bulletin de Centres de Recherches Exploration-Production Elf-Aquitaine, Memoire, 11, 421 p.

Mukasa, S. B. y Dalziel, I. W. D. 1996. Southernmost Andes and South Georgias Island North Scotia Ridge: Zircon U-Pb and muscovite $^{40}\text{Ar}/^{39}\text{Ar}$ age constraints on the tectonic evolution of south western Gondwana-land. Journal of South American Earth Sciences, 9, pp. 349-365.

Nelson, E. P., Dalziel, I. W. D. y Milnes, A. G. 1980. Structural geology of the Cordillera Darwin-Collisional-style orogenesis in the southernmost Chilean Andes. Eclogae Geologicae Helvetiae, 73, pp. 727-751.

Olivero, E.B. y Martinioni, D.R. 1996 a. Sedimentología de la Formación Yahgán (Jurásico-Cretácico) en Tierra del Fuego. 13er Congreso Geológico Argentino y 3er Congreso de Exploración de Hidrocarburos, 2, pp. 45-59.

Olivero, E.B. y Martinioni, D.R. 1996b. Late Albian Inoceramid bivalves from the Andes of Tierra del Fuego: age implications for the closure of the Cretaceous marginal basin. *Journal of Paleontology*, 70, pp. 272-274.

Olivero, E.B. y Malumián, N. 1999. Eocene stratigraphy of Southern Tierra del Fuego, Argentina. *American Association of Petroleum Geologists, Bulletin*. 83, pp. 295-313.

Olivero, E.B. y Malumián, N. 2002. Upper Cretaceous-Cenozoic clastic wedges from the Austral-Malvinas foreland basins, Tierra del Fuego, Argentina: Eustatic and tectonic controls. 3rd European Meeting on the Paleontology and Stratigraphy of Latin America (EMPSLA), Addendum: 6-9. Toulouse, France September 19-20 2002. Univ. Paul Sabatier.

Olivero, E.B. y Malumián, N. 2008. Mesozoic–Cenozoic stratigraphy of the Fuegian Andes, Argentina. *Geologica Acta*, 6, pp. 5-18.

Olivero, E.B. y Martinioni, D.R. 2001. A review of the geology of the Argentinian Fuegian Andes. *Journal of South American Earth Sciences*, 14, pp. 175-188.

Olivero, E.B. y Medina, F.A. 2001. Geología y paleontología del Cretácico marino en el sureste de los Andes Fueguinos, Argentina. *Revista de la Asociación Geológica Argentina*, 56, pp. 344-352.

Olivero, E.B., Acevedo, R.D. y Martinioni, D.R. 1997. Geología del Mesozoico de Bahía Ensenada, Tierra del Fuego. *Revista de la Asociación Geológica Argentina*, 52, pp. 169-179.

Olivero, E.B., Malumián, N. y Jannou, G. 2002. Estratigrafía y facies de sistemas turbidíticos, estuáricos y de plataforma, Eoceno, Andes Fueguinos, Argentina. 9 Reunión Argentina de Sedimentología. Resúmenes, 57, Córdoba.

Olivero, E.B., Malumián, N. y Palamarczuk, S. 2003. Estratigrafía del Cretácico superior-Paleógeno del área de bahía Thetis, Andes fueguinos Argentina: acontecimientos biológicos y paleobiológicos. *Revista Geológica de Chile*, 30, pp. 245-263.

Olivero, E.B., Medina, F.A. y López C. M.I., en prensa. The stratigraphy of Cretaceous mudstones in the eastern Fuegian Andes: New data from body and trace fossils. Revista de la Asociación Geológica Argentina.

Olivero, E.B., López-Cabrera, M.I., y Malumián, N. 2008. Eocene Graphoglyptids from high-energy, organic-rich, and bioturbated turbidites, Fuegian Andes. Argentina. The Second International Congress on Ichnology, Abstract book, p. 95.

Olivero, E.B., Torres Carbonell, P.J., López-Cabrera, M.I. y Buatois, L.A. 2008. Variaciones faciales y arquitecturas complejas en depósitos marinos someros de la Formación Leticia, Eoceno, Andes Fueguinos. XII Reunión Argentina de Sedimentología, Resúmenes, p 128.

Ponce, J.J., Olivero, E. y Martinioni, D.R. 2005. Estratigrafía y facies sedimentarias del Oligoceno-Mioceno medio? de la Cuenca Austral de Tierra del Fuego. XVI Congreso Geológico Argentino. La Plata, 20 al 23 de Septiembre de 2005.

Ponce, J.J., Olivero, E.B., Martinioni, D.R. y López Cabrera, M.I. 2007. Sustained and episodic gravity flow deposits and related bioturbation patterns in Paleogene turbidites (Tierra del Fuego, Argentina). In: Bromley, R.G., Buatois, L.A., Mángano, M.G., Genise, J.F., Melchor, R.N. (Eds.), Sediment-organism interactions: a multifaceted ichnology, vol. 88. SEPM Special Publication, pp. 253-266.

Ponce, J.J., Olivero, E.B. y Martinioni, D.R. 2008a. Deep-marine hyperpycnal channel-levee complexes in the Miocene of Tierra del Fuego, Argentina: architectural elements and facies associations. AAPG Hedberg Conference "Sediment Transfer from Shelf to Deepwater - Revisiting the Delivery Mechanisms". Ushuaia, Argentina. Marzo 2008. 4p.

Ponce J. J., Olivero E., y Martinione D. R. 2008b. Upper Oligocene–Miocene clinoforms of the foreland Austral Basin of Tierra del Fuego, Argentina: Stratigraphy, depositional sequences and architecture of the foredeep deposits. Journal of South American Earth Sciences. 26. pp. 36-54.

Ponce, J.J., Olivero, E.B. y Martinioni, D.R. 2008c. Syndepositional lateral migration of hyperpycnal lobes in submarine ramp systems. Early Miocene, Austral Basin, Argentina. AAPG Hedberg

Conference "Sediment Transfer from Shelf to Deepwater - Revisiting the Delivery Mechanisms". Ushuaia, Argentina. Marzo 2008. 2p.

Riccardi, A. C. y Rolleri, E. O. 1980, Cordillera patagonica austral: Geología Regional Argentina, Segundo Simposio, Academia Nacional de Ciencias de Córdoba, 1976, 2, pp. 1173-1306.

Riccardi, A. C. 1988, The Cretaceous system of southern South America: Geological Society of America Memoir 168, 161 p.

Robbiani, J.A. 1989, Cuenca Austral sector costa afuera. En: Chebli, G.A., Spalletti, L.A. (Eds.), Cuencas sedimentarias Argentinas: Universidad Nacional del Tucumán, Serie Correlación Geológica, 6, pp.493-512.

Robbiani, J.A., Arbe, H. y Gangui, A. 1996. Cuenca Austral marina. In: Ramos, V.A. and Turic, M.A. (Eds.), Geología y Recursos Naturales de la Plataforma Continental Argentina. 13th Congreso Geológico Argentino y 3rd Congreso de Exploración de Hidrocarburos (Buenos Aires, 1996) Relatorio 17, 323–341.

Russo, A., Flores, M. A. y Di Benedetto, H. 1980, Patagonia austral extraandina: Geología Regional Argentina, Segundo Simposio, Academia Nacional de Ciencias de Córdoba, 1976, 2, p. 1431–1462.

Scott, K.M. 1966. Sedimentology and dispersal pattern of a Cretaceous flysh sequence, Patagonian Andes, southern Chile. American Association of Petroleum Geologists Bulletin, 50, pp. 72-107.

Suarez, M. y Pettigrew, T.H. 1976. An upper Mesozoic island-arc-backarc system in the southern Andes and South Georgia. Geological Magazine, 113, pp. 305-328.

Suárez, M.D., Herve', M.A. y Puig, G.A. 1985. Hoja Isla Hoste e islas adyacentes, XII Región, Carta Geológica de Chile 65. Servicio Nacional de Geología y Minería de Chile, scale 1:250,000, 1 sheet.

Thomas, C.R. 1949. Geology and petroleum exploration in Magallanes province, Chile. American Association of Petroleum Geologists Bulletin, 33, pp. 1553-1578.

Torres Carbonell, P. J., Olivero, E. y Dimitri, L. V. 2008. Control en la magnitud de desplazamiento de rumbo del Sistema Transformante Fagnano, Tierra Del Fuego, Argentina. Revista Geológica de Chile, 35, pp. 63-79.

Torres Carbonell, P.J., Olivero, E.B. y Dimieri, L.V. 2008. Structure and evolution of the Fuegian Andes foreland thrust-fold belt, Tierra del Fuego, Argentina: Paleogeographic implications. Journal of South American Earth Sciences, 25, pp 417-439.

Wilson, T.J. 1991. Transition from back-arc to foreland basin development in the southernmost Andes: stratigraphic record from the Última Esperanza District, Chile. Geological Society of America Bulletin, 103, pp. 98-111.

Winslow, M.A. 1982. The structural evolution of the Magallanes basin and neotectonics in the southernmost Andes. En: Craddock, C. (Ed.), Antarctic Geoscience. University of Wisconsin Press, Madison, pp. 143–154.

Yrigoyen, M.R. 1989. Cuenca de Malvinas. En: Chebli, G.A., Spalletti, L.A. (Eds.), Cuencas sedimentarias Argentinas: Serie Correlación Geológica, vol. 6. Universidad Nacional del Tucumán, pp. 481-491.

REFERENCIAS

- Alexander, J., y Mulder, T. 2002. Experimental quasi-steady density current. *Marine Geology*, 186, pp. 195-210.
- Arnott, R.W.C. y Hand, B.M. 1989. Bedforms, primary structures and grain fabric in the presence of sedimentary rain. *Journal of Sedimentary Petrology*. 59, 1062-1069.
- Bagnold, R.A. 1954. Experiments on a gravity-free dispersion of large solid spheres in a Newtonian fluid under shear. *Proceeding of the Royal Society London*, 225, pp. 49-63.
- Bagnold, R.A. 1962. Auto-suspension of transported sediment: turbidity currents. *Proceeding of the Royal Society London*, A 265, pp. 315-319.
- Bates, C. C. 1953. Rational theory of delta formation. *Bulletin of American Association of Petroleum Geology*, 37, pp. 2119-2162.
- Bornhold, B.D. y Prior, D.B. 1990. Morphology and sedimentary processes on the subaqueous Noeick River delta, British Columbia, Canada. In: Colella, A., Prior, D.B. (Eds.), *Coarse-Grained Deltas*, International Association of Sedimentology. Special Publication, 10, pp. 169– 184.
- Bouma, A.H. 1962. *Sedimentology of Some Flysch Deposits: a Graphic Approach to Facies Interpretation*. Elsevier, Amsterdam.
- Britter, R. E. y Linden, P. F. 1980; The motion of the front of a gravity current travelling down an incline. *Journal of Fluid Mechanics*, 99,pp. 531-43.
- Carter, L., Carter, R.M., Nelson, C.S., Fulthorpe, C.S. y Neil, H.L. 1990. Evolution of Pliocene to Recent abyssal sediment waves on Bounty Channel levees, New Zealand. *Mar. Geol.*, 95, pp.97-109.
- Collela, A. y D. B. Prior 1990. Coarse-grained deltas: International Association of Sedimentologists Special Publication, 10, 357 p.

- Damuth, J.E. 1979. Migrating sediment waves created by turbidity currents in northern South China Basin. *Geology*, 7, pp. 520-523.
- Falk, P.D. y Dorsey, R.J. 1998. Rapid development of gravelly high-density turbidity currents in marine Gilberttype fan deltas, Loreto Basin, Baja California Sur, Mexico. *Sedimentology*, 45, pp. 331-349.
- Flood, R.D. y Shor, A.N., 1988. Mudwaves in the Argentine Basin and their relationship to regional bottom circulation patterns. *Deep-Sea Res.*, 35, pp. 943-971.
- Gee, M.J.R., Masson. D.G., Watts, A.B. y Allen, P.A. 1999. The Saharan debris Flow: an insight into the mechanics of long runout submarine debris Flows. *Sedimentology*, 46, pp. 317-335.
- Goodwin, R.H. y Prior, D.B. 1989. Geometry and depositional sequences of the Mississippi Canyon, Gulf of Mexico. *Journal of Sedimentary Petrology*, 59, p. 318-329.
- Gervais A., Savoye B., Piper D. J. W., Mulder T., Cremer M. y Pichevin L. 2004. Present morphology and depositional architecture of a sandy confined submarine system: the Golo turbidite system (eastern margin of Corsica). En: Lomas S.A., and Joseph P. (Eds.),*Confined Turbidite Systems*, Geological Society Special Publications, 222, p. 321.
- Hampton, M.A. 1972. The role of subaqueous debris flow in generating turbidity currents. *Journal of Sedimentary Petrology*, 42, pp. 775-793.
- Hiscott, R.N. 1995. Traction-carpet stratification in turbidites- fact or fiction? (reply). *Journal of Sedimentary Research*, 65, pp. 704-705.
- Iverson, R.M. 1997. Physics of debris Flows. *Rev. Geophys.*, 35, pp. 245-296.
- Kidd, R.B., Lucchi, R.G., Gee, M. y Woodside, J.M. 1998. Sedimentary processes in the Stromboli Canyon and Marsili Basin, SE Tyrrhenian Sea: results from sidescan sonar surveys. *Geo-Mar. Lett.*, 18, pp. 146-154.
- Kneller, B.C.y Branney, M.J. 1995. Sustained high-density turbidity currents and the deposition of thick massive beds. *Sedimentology*, v. 42, pp. 607-616.

- Kolla, V., Posamentier H.W. y Word L.J. 2007. Deep-water and fluvial sinuous channels- Characteristics, similarities and dissimilarities, and modes of formation. *Marine and Petroleum Geology.* 24, pp. 388-405.
- Lee, H.J., Syvitski, J.P.M., Parker, G., Orange, D., Locat, J., Hutton, E.W.H. y Imran, J., 2002. Distinguishing sediment waves from slope failure deposits: field examples, including the dHumboldt slideT, and modelling results. *Marin Geology.* 192, pp. 79-104.
- Lowe, D.R. 1979. Stratigraphy and sedimentology of the Pigeon point Formation, San Mateo County, California, in Nilsen, T.H., and Brabb, E.E., eds., *Geology of the Santa Cruz Mountains, California: Geological Society of America, Cordilleran Section, Field Trip Guidebook*, pp. 17-29.
- Lowe, D.R. 1982. Sediment gravity Flows: II. Depositional models with special reference to the deposits of high-density turbidity currents. *Journal of Sedimentary Petrology.* 52, pp. 279-297.
- Lowe, D.R. 1988. Suspended-load fallout rate as an independent variable in the analysis of current structures. *Sedimentology.* 35, pp. 765-776.
- Major, J.J. y Iverson, R.M. 1999. Debris-Flow deposition: Effects of pore-Fluid pressure and friction concentrated at Flow margins. *Geol. Soc. Am. Bull.,* 111, pp. 1424-1434.
- MacEachern, J., Bhattacharya, J.P., Howell, C.D. y Bann, K. 2005. Ichnology of deltas, in Giosan, L., and Bhattacharya, J.P., eds., *River Deltas-Concepts, Models, and Examples: SEPM, Special Publication,* 83, pp. 49-85.
- Migeon, S., Savoye y B., Faugeres, J.-C. 2000. Quaternary development of migrating sediment waves in the Var deep-sea fan: distribution, growth pattern, and implication for levee evolution. *Sedimentary Geology,* 133, pp. 265-293.
- Migeon, S. 2000. Dunes géantes et levées sédimentaires en domainemarin profond: approche morphologique, sismique et sédimentologique (288p). PhD Thesis, Univ. Bordeaux.
- Mohrig, D., Whipple, K.X., Hondzo, M., Ellis, C. y Parker,G. 1998. Hydroplaning of subaqueous debris Flows. *Geol. Soc. Am. Bull.,* 110, pp. 387-394.

- Mohrig, D. y Marr, J. G. 2003. Constraining the efficiency of turbidity current generation from submarine slides, slumps and debris flows using laboratory experiments. *Journal of Marine and Petroleum Geology*, 20, pp. 883-899.
- Mulder, T. y Syvitski, J.P.M. 1995. Turbidity currents generated at river mouths during exceptional discharges to the world oceans: *Journal of Geology*, 103, pp. 285-299.
- Mulder, T. y Alexander, J. 2001. The physical characteristics of subaqueous sedimentary density flows and their deposits. *Sedimentology*, 48, pp. 269-299.
- Mulder, T., Savoye, B. y Syvitski, J. P. M. 1997a. Numerical modelling of a mid-sized gravity flow: the 1979 Nice turbidity current (dynamics, processes, sediment budget and seafloor impact). *Sedimentology*, 44, pp. 305-326.
- Mulder, T., Syvitski, J.P.M., Migeon, S., Faugères, J.-C. y Savoye, B. 2003. Marine hyperpycnal flows: initiation, behavior and related deposits. A review: *Marine and Petroleum Geology*, 20, pp. 861-882.
- Mutti, E., 1992, Turbidite Sandstones: AGIP-Istituto di Geología, Università di Parma, 275 p.
- Mutti, E., Davoli, G., Tinterri, R. y Zavala, C. 1996. The importance of ancient fluvio-deltaic systems dominated by catastrophic flooding in tectonically active basins. *Sci. Geol.Mem.*, 48, pp. 233-291.
- Mutti, E., Tinterri, R., Remacha, E., Mavilla, N., Angella, S., y Fava, L. 1999. An introduction to the analysis of ancient turbidite basins from an outcrop perspective: American Association of Petroleum Geologists, Continuing Education Course Note Series, 39, 96 p.
- Mutti, E. , Tinterri, R., Benevelli, G., di Biase, D. y Cavanna, G. 2003. Deltaic, mixed and turbidite sedimentation of ancient foreland basins. *Marine and Petroleum Geology*, 20, pp. 733-755.
- Nakajima, T., Satoh, M., y Okamura, Y. 1998. Channel-levee complexes, terminal deep-sea fan and sediment wave fields associated with the Toyama Deep-Sea Channel system in the Japan Sea. *Marine Geology*, 147, pp. 25-41.
- Nemec, W. y Steel, R.J. 1988. Fan deltas: sedimentology and tectonic settings: Glasgow, Blackie, p. 444.

- Nemec, W. 1990. Aspects of sediment movement on steep delta slope. En: Colella, A., Prior, D.B. (eds.), Coarse-Grained Deltas. International Association of Sedimentologists Special Publication, 10, pp. 29-73.
- Normark, W.R. y Piper, D.J.W. 1972. Sediments and growth pattern of Navy deep sea fan, San Clemente Basin, California Borderlands. *J. Geol.*, 80, pp. 198-223.
- Normark, W.R., Hess, G.R., Stow, D.A.V. y Bowen, A.J. 1980. Sediment waves on the Monterey Fan levee: A preliminary physical interpretation. *Marine Geology*, 37, pp. 1-18.
- Normark W. R., Piper D. J. W., Posamentier H., Pirmez C. y Migeon S. 2002. Variability in form and growth of sediment waves on turbidite channel levees. *Marine Geology*, 192, pp. 23-58.
- Parsons, J.D., Bush, J., y Syvitski, J.P.M. 2001. Hyperpycnal flow formation with small sediment concentrations. *Sedimentology*, 48, pp. 465-478.
- Parker, G. 1982. Conditions for the ignition of catastrophically erosive turbidity currents. *Marine Geology*, 46, pp. 307-327.
- Peakall, J., Felix, M., McCaffrey, B. y Kneller, B. 2001, Particulate gravity currents: Perspectives, En: McCaffrey, B., Kneller, B., y Peakall, J., (eds.), Particulate Gravity Currents, International Association of Sedimentologists, Special Publication. 31, pp. 1-8.
- Piper, D.J.W. y Savoye, B. 1993. Processes of late Quaternary turbidity current flow and deposition on the Var deep-sea fan, north-west Mediterranean Sea. *Sedimentology*, 40, pp. 557-582.
- Ponce, J. J.; Olivero E.B.; Martinioni, D.R. y López Cabrera, M.I. 2007. Sustained and episodic gravity flow deposits and related bioturbation patterns in Paleogene turbidites (Tierra del Fuego, Argentina). In: Bromley, R.G., Buatois, L.A., Mángano, M.G., Genise, J.F., and Melchor, R.N.(eds.), Organism-sediment interactions: A multifaceted ichnology. SEPM Special Publication. 88, pp. 253-266.
- Ponce, J.J., Olivero, E. B. y Martinioni, D.R. 2008a. Deep-marine hyperpycnal channel-levee complexes in the Miocene of Tierra del Fuego, Argentina: Architectural elements and facies associations. AAPG Hedberg Research Conference. “Sediment Transfer from Shelf to Deepwater - Revisiting the Delivery Mechanisms” Ushuaia, Argentina. Abstracts. 4p.

- Ponce, J.J., Olivero E.B., y Martinioni D.R., 2008b. Upper Oligocene-Miocene clinoforms of the foreland Austral Basin of Tierra del Fuego, Argentina: sequence stratigraphy and architecture of the foredeep deposits. *Journal of South American Earth Sciences.* 26, pp. 36-54.
- Posamentier, H.W. 2003b, Depositional elements associated with a basin floor channel-levee system: case study from the Gulf of Mexico: *Marine and Petroleum Geology,* 20, pp. 677-690.
- Posamentier, H.W. y Kolla, V. 2003a, Seismic geomorphology and stratigraphy of depositional elements in deep-water settings: *Journal of Sedimentary Research,* 73, pp. 367-388.
- Posamentier, H.W., y Kolla, V. 2003b. Anatomy of a deep-water channel avulsion-Example from the basin floor of the Desoto Canyon area, Gulf of Mexico (abstract): *American Association of Petroleum Geologists, Annual Meeting, Abstracts Volume,* p. A140.
- Postma, G. 1986. Classification for sediment gravity-Flow deposits based on Flow conditions during sedimentation. *Geology,* 14, pp. 291-294.
- Prather, B. E. 2003. Controls on reservoir distribution, architecture and stratigraphic trapping in slope settings. *Marine and Petroleum Geology,* 20, pp. 529-545.
- Prior, D.B. y Coleman, J.M. 1982. Active slides and Flows in underconsolidated marine sediments on the slope of the Mississippi delta. Saxov S. y. Nieuwenhuis J.K (Eds). En: *Marine Slides and Other Mass Movements,* pp. 21- 49.
- Prior, D.B. y Bornhold B.D. 1990. The underwater development of Holocene fan deltas. In: Colella, A., Prior, D. B. (eds.), *Coarse-Grained Deltas.* International Association of Sedimentologists Special Publication, 10, pp. 75-90.
- Rooij, F.D y Dalziel, S.B. 2001. Time and space resolved measurements of deposition under turbidity currents. *Particulate Gravity Currents. Spec. Publs. Int. Ass. Sediment.,* 31, pp. 207-215.
- Savoye, B., Piper, D.J.W. and Droz, L., 1993. Plio-Pleistocene evolution of the Var deep-sea fan off the French Riviera. *Marine Petroleum Geology,* 10, pp. 550-571.

Shanmugam, G. 1996. High-density turbidity currents: are they sandy debris flows? *J. Sedimentary Research*, 66, pp. 2-10.

Shepard, F.P. y Dill, R.F. 1966. Submarine Canyons and Other Sea-valleys. Rand McNally, Chicago, IL, 381 pp.

Sohn, T.K. 1999. Rapid development of gravelly high-density turbidity currents in marine Gilbert-type fan deltas, Loreto basin, Baja California Sur, Mexico. *Discussion. Sedimentology*, 46, pp. 757-761.

Takahashi, T. ,1981. Debris flow. *Annu. Rev. Fluid Mech.*, 13,pp. 57-77.

Trincardi, F. y Normark, W.R. 1988. Sediment waves on the Tiber prodelta slope: interaction of deltaic sedimentation and currents along the shelf. *Geo Mar. Lett.*, v. 8, pp. 149-157.

Van Wagoner, J.C., Beaubouef, R.T., Hoyal, J.C.J.D., Dunn, P.A., Adair, N.L., Abreu, V., Li, D., Wellner, R.W., Awwiller, D.N. y Sun, T. 2003. Energy dissipation and the fundamental shape of siliciclastic sedimentary bodies (abstract): American Association of Petroleum Geologists, Annual Meeting, Abstracts Volume, p. A175.

Voight, B. y Sousa, J. 1994. Lessons from Ontakesan: a comparative analysis of debris avalanche dynamics. *Eng.Geol.*, 38, pp. 261-297.

Wynn, R. B., Kenyon, N. H., Masson, D. G., Stow, D. A. V. y Weaver, P. P. E. 2002. Characterization and recognition of deep-water channel-lobe transition zones. *AAPG Bulletin*, 86, pp. 1441-1462.

Zavala, C., Ponce, J. y Marteau, M. 2001. Origin, sequence stratigraphy and hydrocarbon potential of the Rayoso Formation (Aptian-Albian) in the central Neuquén Basin (Argentina) (abstract):, American Association of Petroleum Geologists, Hedberg Conference “New Technologies and New Play Concepts in Latin America,” November 5–9, 2001, Mendoza, Argentina, Abstracts, pp. 35–36.

Zavala, C., Ponce, J.J., Arcuri, M., Drittanti, D., Freije, H. y Asensio, M. 2006. Ancient lacustrine hyperpycnite: a depositional model from a case study in the Rayoso Formation (Cretaceous) of west-central Argentina. *Journal of Sedimentary Research*, 76, pp. 41–59.

Zavala, C., Arcuri, M. & Gamero H., 2006b. Towards a genetic model for the analysis of hyperpycnal systems. 2006 GSA Annual Meeting, 22-25 October, Philadelphia, PA., USA. Topical session T136: River Generated Hyperpycnal Events and Resulted Deposits in Modern and Ancient Environments.

Zavala, C. 2008. Towards a Genetic facies tract for the analysis of Hyperpycnal deposits. Keynote address. AAPG HEDBERG CONFERENCE “Sediment Transfer from Shelf to Deepwater – Revisiting the Delivery Mechanisms”. Ushuaia-Patagonia, Argentina.

Zavala, C., Valiente, L. B., y Vallez, Y. 2008. The origin of lofting rhythmites. Lessons from thin sections. AAPG Hedberg Research Conference. “Sediment Transfer from Shelf to Deepwater - Revisiting the Delivery Mechanisms” Ushuaia, Argentina. Abstracts. 4p.

REFERENCIAS

- Carmona, N.B., Ponce, J.J., López-Cabrera, M.I. y Olivero, E.B. 2006. Distribución y diversidad de trazas fósiles en hiperpicnitas: implicancias etológicas y comparación con patrones de trazas fósiles en turbiditas clásicas. 9º Congreso Argentino de Paleontología y Bioestratigrafía. Córdoba. Actas, p. 279.
- Carmona, N.B., Ponce, J.J., López-Cabrera, M.I. y Olivero, E.B. 2008a. Trace fossil diversity in hyperpycnites: ethologic implications and comparison to trace fossil in episodic gravity flows. AAPG Hedberg Conference "Sediment Transfer from Shelf to Deepwater - Revisiting the Delivery Mechanisms". Ushuaia, Tierra del Fuego. (<http://www.searchanddiscovery.net/sandd2n.htm>).
- Carmona, N.B., Ponce, J.J., Olivero, E.B., López-Cabrera, M.I. and Martinioni, D.R. 2008b. Ichnology of Miocene hyperpycnites in the foreland Austral Basin, Tierra del Fuego, Argentina. ICHNIA 2008, Second International Congress on Ichnology, Cracow, Poland. September 2008.
- Codignotto, J.C. y Malumián, N. 1981. Geología al norte de la isla grande de tierra del Fuego. Revista de la Asociación Geológica Argentina 36(1):44-88.
- Elliott, T., 2000. Megaflute erosion surfaces and the initiation of turbidite channels. Geology 28, pp. 119-124.
- Gardner, M.H., Borer, J.A., Melick, J.J., Mavilla, N., Dechesne, M., Wagerle, R.N., 2003. Stratigraphic process-response model for submarine channels and related features from studies of Permian Brushy Canyon outcrops, West Texas. Marine and Petroleum Geology 20, pp. 757-787.
- Ghiglione, M., Ramos, V.A., y Cristallini, E.O., 2002. Estructura y estratos de crecimiento en la faja plegada y corrida de los Andes Fueguinos. Revista Geológica de Chile, v. 29, pp. 17-41.
- Johnson, K., Paull, C.K., Barry, J.P., Chavez, F.P., 2001. A decal record of underflows from a coastal river into the deep sea. Geology 29, 1019-1022.

- Kneller, B.C.y Branney, M.J. 1995. Sustained high-density turbidity currents and the deposition of thick massive beds. *Sedimentology*, v. 42, pp. 607-616.
- López Cabrera, M.I., Olivero, E.B., Carmona, N.B. and Ponce, J.J. 2008. Cenozoic trace fossils of the *Cruziana*, *Zoophycos*, and *Nereites* ichnofacies from the Fuegian Andes, Argentina. *Ameghiniana*, 45 (2): 377-393.
- Malumián, N., y Olivero, E.B., 2006. El Grupo Cabo Domingo, Tierra delFuego: bioestratigrafía, paleoambientes y acontecimientos del Eoceno-Mioceno marino. *Revista de la Asociación Geológica Argentina*, v. 61, pp.139-160.
- Mulder, T. y Alexander, J. 2001. The physical characteristics of subaqueous sedimentary density flows and their deposits. *Sedimentology*, 48, pp. 269-299.
- Mulder, T., Syvitski, J.P.M., Migeon, S., Faugères, J.-C. y Savoye, B. 2003. Marine hyperpycnal flows: initiation, behavior and related deposits. A review: *Marine and Petroleum Geology*, 20, pp. 861-882.
- Mutti, E., 1992, Turbidite Sandstones: AGIP-Istituto di Geología, Università di Parma, 275 p.
- Nemec, W. 1990. Aspects of sediment movement on steep delta slope. In: Colella, A., Prior, D. B. (eds.), Coarse-Grained Deltas. International Association of Sedimentologists Special Publication, 10, pp. 29-73.
- Olivero, E.B. and López C., M.I. 2001. Ichnology of syntectonic turbidites, estuarine and shelf deposits, Eocene, Punta Torcida anticline, Isla Grande de Tierra del Fuego. 4° Reunión Argentina de Icnología y 2° Reunión de Icnología del Mercosur (S. M. Tucumán), Resúmenes: 62.
- Olivero, E.B., Buatois, L.A. and Scasso, R.A. 2004a. *Paradictyodora antarctica*: A new complex vertical spreite trace fossil from the Upper Cretaceous-Paleogene of Antarctica and Tierra del Fuego, Argentina. *Journal of Paleontology* 78: 783-789
- Olivero, E.B.; Ponce, J.J.; López C., M.I. y Martinioni, D.R. 2004b. *Phymatoderma granulata* from the Oligocene-Miocene of Tierra del Fuego: morphology and ethology. First International Congress on Ichnology, Ichnia 2004, Trelew, abril 2004. Abstract Book: 63.

Olivero, E.B., López-Cabrera, M.I., y Malumián, N. 2008. Eocene Graphoglyptids from high-energy, organic-rich, and bioturbated turbidites, Fuegian Andes. Argentina. The Second International Congress on Ichnology, Abstract book, p. 95.

Ponce, J.J., Olivero, E y Martinioni, D.R. 2004. *Phymatoderma*-bearing turbidites (Oligocene, Tierra del Fuego): Ichnologic implications for discrimination of sustained and episodic gravity flow deposits. First International Congress on Ichnology. Trelew, Argentina. Abstract book: p.67.

Ponce, J.J., Olivero, E., y Martinioni, D.R. 2005. Estratigrafía y facies sedimentarias del Oligoceno-Mioceno medio? de la Cuenca Austral de Tierra del Fuego. XVI Congreso Geológico Argentino. La Plata, 20 al 23 de Septiembre de 2005.

Ponce, J.J., Olivero, E.B., Martinioni, D.R., y López Cabrera, M.I., 2007. Sustained and episodic gravity flow deposits and related bioturbation patterns in Paleogene turbidites (Tierra del Fuego, Argentina). In: Bromley, R.G., Buatois, L.A., Mángano, M.G., Genise, J.F., Melchor, R.N. (Eds.), Sediment-organism interactions: a multifaceted ichnology, vol. 88. SEPM Special Publication, pp. 253-266.

Ponce, J.J., Olivero, E.B. y Martinioni, D.R. 2008a. Deep-marine hyperpycnal channel-levee complexes in the Miocene of Tierra del Fuego, Argentina: architectural elements and facies associations. AAPG Hedberg Conference "Sediment Transfer from Shelf to Deepwater - Revisiting the Delivery Mechanisms". Ushuaia, Argentina. Marzo 2008.

Ponce, J.J., Olivero E.B., y Martinioni D.R., 2008b. Upper Oligocene-Miocene clinoforms of the foreland Austral Basin of Tierra del Fuego, Argentina: sequence stratigraphy and architecture of the foredeep deposits. Journal of South American Earth Sciences.26, pp. 36-54.

Ponce, J.J., Olivero, E.B. y Martinioni, D.R. 2008c. Syndepositional lateral migration of hyperpycnal lobes in submarine ramp systems. Early Miocene, Austral Basin, Argentina. AAPG Hedberg Conference "Sediment Transfer from Shelf to Deepwater - Revisiting the Delivery Mechanisms". Ushuaia, Argentina. Marzo 2008.

Schmitt, K.R., 1991. Sandstone intrusions in the Andina fold-thrust belt (51–54°S): implications for the paleohydrogeologic evolution of the southernmost Andes. Ph.D. Thesis (Unpublished), Graduate School of Arts and Science, Columbia University, 263 p.

Zavala, C., Ponce, J.J., Arcuri, M., Drittanti, D., Freije, H. y Asensio, M. 2006. Ancient lacustrine hyperpycnite: a depositional model from a case study in the Rayoso Formation (Cretaceous) of west-central Argentina. *Journal of Sedimentary Research*, 76, pp. 41–59.

REFERENCIAS

- Branney, M. J. y Kokelaar, B. P. 1992. A reappraisal of ignimbrite emplacement: progressive aggradation and changes from particulate to non-particulate flow during emplacement of high-grade ignimbrite. *Bulletin of Volcanology*, 54, pp 504-520.
- Branney, M. J. y Kokelaar P. 2002. Pyroclastic Density Currents and the Sedimentation of Ignimbrites. Geological Society, London, Memoirs, 27 p. 137.
- Carmona, N.B., Ponce, J.J., López-Cabrera, M.I. y Olivero, E.B. 2006. Distribución y diversidad de trazas fósiles en hiperpicnitas: implicancias etológicas y comparación con patrones de trazas fósiles en turbiditas clásicas. 9º Congreso Argentino de Paleontología y Bioestratigrafía. Córdoba. Actas, p. 279.
- Carmona, N.B., Ponce, J.J., López-Cabrera, M.I. y Olivero, E.B. 2008a. Trace fossil diversity in hyperpycnites: ethologic implications and comparison to trace fossil in episodic gravity flows. AAPG Hedberg Conference "Sediment Transfer from Shelf to Deepwater - Revisiting the Delivery Mechanisms". Ushuaia, Tierra del Fuego. (<http://www.searchanddiscovery.net/sandd2n.htm>).
- Carmona, N.B., Ponce, J.J., Olivero, E.B., López-Cabrera, M.I. and Martinioni, D.R. 2008b. Ichnology of Miocene hyperpycnites in the foreland Austral Basin, Tierra del Fuego, Argentina. ICHNIA 2008. Polonia.
- Fettweis, M., Francken, F., Pison, V., y Van den Eynde, D. 2006. Suspended particulate matter dynamics and aggregate sizes in a high turbidity area. *Marine Geology*. 235. pp. 63-74
- Fox, J.M., Hill, P.S., Milligan,T.G., y Boldrin, A. 2004. Flocculation and sedimentation on the Po River Delta. *Marine Geology*. 203. pp 95-107.
- Hampton, M.A., 1972 The role of subaqueous debris flow in generating turbidity currents. *Journal of Sedimentary Petrology*. 42. pp. 775-793.
- Harms, J. C., Southard, J. B., y Walker, R. G. 1982. Structures and Sequences in Clastic Rocks: Tulsa, Society of Economic Paleontologists and Mineralogists Short Course Notes 9, 249p.

- Jopling, A. V., y Walker, R. G. 1968; Morphology and origin of ripple-drift cross lamination, with examples of Pleistocene of Massachusetts. *Journal Sedimentary Petrology* 38, pp.971-984.
- Kneeler, B. C. y Branney, M. J. 1995. Sustained high-density turbidity currents and the deposition of thick massive sands. *Sedimentology*. 42, pp. 607-616.
- Kranck, K. 1973. Flocculation of suspended sediment in de sea. *Natruwe*. 246. pp. 348-350.
- Lowe, D.R. 1982. Sediment gravity Flows: II. Depositional models with special reference to the deposits of high-density turbidity currents. *Journal of Sedimentary Petrology*. 52, pp. 279-297.
- MacEachern, J. A., Pemberton S. G., Bann, K. L., y Gingras M. K. 2005. Departures from the archetypal ichnofacies: effective recognition of physico-chemical stresses in the rock record. In. MacEachern, J. A., Bann, K. L., Gingras M. K, Pemberton S.G. (Eds). *Applained Ichnology*. SEPM Schort Course Notes. V. 52. pp 65-93.
- Manning, A. J., y Bass, S. J. 2006. Variability in cohesive sediment settling fluxes: Observations Ander different estuarine tidal conditions. *Marine Geology*. 235. pp.177-192.
- Mikkelsen, O. y Pejrup, M. 1998. Comparison of flocculated and disperced suspended sediment in the Dollard estuary. In Black, K.S., Paterson, D.M., and Cramp, A. (Eds). *Sediemntary processes in the intertidal zone*. Geological Society, London, Special Publication. 139. pp. 199-209.
- Migeon, S., Savoye, B., Zanella, E., Mulder, T., Faugeres, J. C., y Weber, O. 2001. Detailed seismic and sedimentary study of turbidite sediment waves one the Var sedimentary ridge (SE France): significance for sediment transport and deposition and for the mechanism of sediment wave construction. *Marine and Petroleum Geology*, 18, 179–208.
- Mohrig, D. y Marr, J. G. 2003. Constraining the efficiency of turbiditycurrent generation from submarine slides, slumps and debris flows using laboratory experiments. *Journal of Marine and Petroleum Geology*, 20, pp. 883-899.
- Mulder, T., Syvitski, J.P.M., Migeon, S., Faugères, J.-C. y Savoye, B. 2003. Marine hyperpycnal flows: initiation, behavior and related deposits. A review: *Marine and Petroleum Geology*, 20, pp. 861-882.
- Mutti, E., 1992, Turbidite Sandstones: AGIP-Istituto di Geología, Università di Parma, 275 p.

- Mutti, E., Davoli, G., Tinterri, R., & Zavala, C. (1996). The importance of fluvio-deltaic systems dominated by catastrophic flooding in tectonically active basins. *Memorie di Scienze Geologiche*, 48, 233–291.
- Mutti, E., Tinterri, R., Remacha, E., Mavilla, N., Angella, S., y Fava, L. 1999. An introduction to the analysis of ancient turbidite basins from an outcrop perspective: American Association of Petroleum Geologists, Continuing Education Course Note Series, 39, 96 p.
- Nemec, W. 1990. Aspects of sediment movement on steep delta slope. In: Colella, A., Prior, D. B. (eds.), Coarse-Grained Deltas. International Association of Sedimentologists Special Publication, 10, pp. 29-73.
- Ponce, J.J., Olivero, E y Martinioni, D.R. 2004. Phymatoderma-bearing turbidites (Oligocene, Tierra del Fuego): Ichnologic implications for discrimination of sustained and episodic gravity flow deposits. First International Congress on Ichnology. Trelew, Argentina. Abstract book: p.67.
- Ponce, J.J., Olivero, E.B., Martinioni, D.R., y López Cabrera, M.I., 2007. Sustained and episodic gravity flow deposits and related bioturbation patterns in Paleogene turbidites (Tierra del Fuego, Argentina). In: Bromley, R.G., Buatois, L.A., Mángano, M.G., Genise, J.F., Melchor, R.N. (Eds.), Sediment-organism interactions: a multifaceted ichnology, vol. 88. SEPM Special Publication, pp. 253-266.
- Ponce, J.J., Olivero E.B., y Martinioni D.R. 2008a. Hiperpicnitas de pie de talud depositacional en clinoformas del Mioceno marino de Cuenca Austral, Tierra del Fuego, Argentina. XII Reunión Argentina de Sedimentología. Buenos Aires. Resúmenes. p. 145.
- Ponce, J.J., Olivero, E.B. y Martinioni, D.R. 2008b. Syndepositional lateral migration of hyperpycnal lobes in submarine ramp systems. Early Miocene, Austral Basin, Argentina. AAPG Hedberg Conference "Sediment Transfer from Shelf to Deepwater - Revisiting the Delivery Mechanisms". Ushuaia, Argentina. Marzo 2008.
- Ponce, J.J., Olivero, E.B. y Martinioni, D.R. 2008c. Deep-marine hyperpycnal channel-levee complexes in the Miocene of Tierra del Fuego, Argentina: architectural elements and facies

- associations. AAPG Hedberg Conference "Sediment Transfer from Shelf to Deepwater - Revisiting the Delivery Mechanisms". Ushuaia, Argentina. Marzo 2008.
- Ponce, J.J., Olivero E.B., y Martinioni D.R., 2008d. Upper Oligocene-Miocene clinoforms of the foreland Austral Basin of Tierra del Fuego, Argentina: sequence stratigraphy and architecture of the foredeep deposits. *Journal of South American Earth Sciences*. 26, pp. 36-54.
- Postma, G. 1986. Classification for sediment gravity-Flow deposits based on Flow conditions during sedimentation. *Geology*, 14, pp. 291-294.
- Stow, D.A.V., y Shanmugam, G. 1980. Sequence of structures in fine-grained turbidites: comparison of recent deep-sea and ancient flysch sediments: *Sedimentary Geology*. 25, p. 23-42.
- Syvitski, J. P. M., Asprey, K. W., Clattenburg, D. A. y Hodge G. D. 1985. The prodelta environment of a fjord: suspended particle dynamics. *Sedimentology*. 32, pp 83-107.
- Zavala, C., Maretto, H., y Arcuri, M. 2002. Las facies clásicas de la Formación Lotena (Jurásico medio) en las áreas de Loncopué y Loma La Lata. Cuenca Neuquina. Argentina. V Congreso de Exploración y Desarrollo de Hidrocarburos. Mar del Plata, noviembre 2002, Actas CD 20p.
- Zavala, C., Ponce, J.J., Arcuri, M., Drittanti, D., Freije, H. y Asensio, M. 2006. Ancient lacustrine hyperpycnite: a depositional model from a case study in the Rayoso Formation (Cretaceous) of west-central Argentina. *Journal of Sedimentary Research*, 76, pp. 41–59.

REFERENCIAS

- Allen, P.A., y Allen, J.R., 1995. Basin Analysis: principles and applications. Blackwell, Scientific Publications, pp. 451.
- Biddle, K.T., Uliana, M.A., Mitchum, R.M. Jr., Fitzgerald, M., y Wright, R.C., 1986. The stratigraphic and structural evolution of the central and eastern Magallanes Basin, southern South America. In: Allen, P.A., Homewood, P. (Eds.), Foreland Basins, Vol. 8. International Association of Sedimentologists Special Publication, pp. 41–61.
- Carter, L., Carter, R.M., Nelson, C.S., Fulthorpe, C.S. y Neil, H.L. 1990. Evolution of Pliocene to Recent abyssal sediment waves on Bounty Channel levees, New Zealand. Mar. Geol., 95, pp. 97-109.
- Damuth, J.E. 1979. Migrating sediment waves created by turbidity currents in northern South China Basin. Geology, 7, pp. 520-523.
- Galeazzi, J.S. 1998. Structural and stratigraphic evolution of the Western Malvinas basin, Argentina. American Association of Petroleum Geologists, Bulletin, 82, pp. 596-636.
- Ghiglione, M., Ramos, V.A. y Cristallini, E.O. 2002. Estructura y estratos de crecimiento en la faja plegada y corrida de los Andes Fueguinos. Revista Geológica de Chile, 29, pp. 17-41.
- Haq, B.U., Hardenbol, J. y Vail, P.R., 1987. Chronology of fluctuating sea levels since the Triassic. Science 235, pp. 1156-1167.
- Johannessen, E.P., y Steel, R.J., 2005. Shelf-margin clinoforms and prediction of deepwater sands. Basin Research 17, pp. 521-550.
- Kidd, R.B., Lucchi, R.G., Gee, M. y Woodside, J.M. 1998. Sedimentary processes in the Stromboli Canyon and Marsili Basin, SE Tyrrhenian Sea: results from sidescan sonar surveys. Geo-Mar. Lett., 18, pp. 146-154.

Malumián, N. y Olivero, E.B. 2006. El Grupo Cabo Domingo, Tierra del Fuego: bioestratigrafía, paleoambientes y acontecimientos del Eoceno-Mioceno marino. Revista de la Asociación Geológica Argentina, 61, pp.139-160.

Mulder, T. y Syvitski, J.P.M. 1995. Turbidity currents generated at river mouths during exceptional discharges to the world oceans: Journal of Geology, 103, pp. 285-299.

Mulder, T., Syvitski, J.P.M., Migeon, S., Faugères, J.-C. y Savoye, B. 2003. Marine hyperpycnal flows: initiation, behavior and related deposits. A review: Marine and Petroleum Geology, 20, pp. 861-882.

Mutti, E., 1992, Turbidite Sandstones: AGIP-Istituto di Geología, Università di Parma, 275 p.

Mutti, E., Tinterri, R., Remacha, E., Mavilla, N., Angella, S., y Fava, L. 1999. An introduction to the analysis of ancient turbidite basins from an outcrop perspective: American Association of Petroleum Geologists, Continuing Education Course Note Series, 39, 96 p.

Nakajima, T., Satoh, M., y Okamura, Y. 1998. Channel-levee complexes, terminal deep-sea fan and sediment wave fields associated with the Toyama Deep-Sea Channel system in the Japan Sea. Marine Geology, 147, pp. 25-41.

Normark, W.R., Hess, G.R., Stow, D.A.V. y Bowen, A.J. 1980. Sediment waves on the Monterey Fan levee: A preliminary physical interpretation. Marine Geology, 37, pp. 1-18.

Normark W. R., Piper D. J. W., Posamentier H., Pirmez C. y Migeon S. 2002. Variability in form and growth of sediment waves on turbidite channel levees. Marine Geology, 192, pp. 23-58.

Petter, A.L., Steel, R.J., 2006. Hyperpycnal flow variability and slope organization on an Eocene shelf margin, Central Basin, Spitsbergen. American Association of Petroleum Geologists, Bulletin 90, pp.1451-1472.

Piper, D.J.W. y Savoye, B. 1993. Processes of late Quaternary turbidity current flow and deposition on the Var deep-sea fan, north-west Mediterranean Sea. Sedimentology, 40, pp. 557-582.

Ponce, J.J., Olivero, E. y Martinioni, D.R. 2005. Estratigrafía y facies sedimentarias del Oligoceno-Mioceno medio? de la Cuenca Austral de Tierra del Fuego. XVI Congreso Geológico Argentino. La Plata, 20 al 23 de Septiembre de 2005.

Ponce, J.J., Olivero, E.B., Martinioni, D.R. y López Cabrera, M.I. 2007a. Sustained and episodic gravity flow deposits and related bioturbation patterns in Paleogene turbidites (Tierra del Fuego, Argentina). In: Bromley, R.G., Buatois, L.A., Mángano, M.G., Genise, J.F., Melchor, R.N. (Eds.), Sediment-organism interactions: a multifaceted ichnology, vol. 88. SEPM Special Publication, pp. 253-266.

Ponce, J.J., Carmona, N.B. y Martinioni, D.R. 2007b. Trazas de escape generadas por bivalvos retransportados en hiperpicnitas del Mioceno de Tierra del Fuego. V Reunión Argentina de Icnología y III Reunión de Icnología del MERCOSUR. Resúmenes: p. 30.

Ponce J. J., Olivero E., y Martinione D. R. 2008b. Upper Oligocene–Miocene clinoforms of the foreland Austral Basin of Tierra del Fuego, Argentina: Stratigraphy, depositional sequences and architecture of the foredeep deposits. Journal of South American Earth Sciences.26. pp. 36-54.

Saller, A. H., R. Lin, and J. Dunham 2006, Leaves in turbidite sands: The main source of oil and gas in the deep-water Kutei Basin, Indonesia: AAPG Bulletin. 90, pp. 1585-1608.

Zavala, C., Ponce, J.J., Arcuri, M., Drittanti, D., Freije, H. y Asensio, M. 2006. Ancient lacustrine hyperpycnite: a depositional model from a case study in the Rayoso Formation (Cretaceous) of west-central Argentina. Journal of Sedimentary Research, 76, pp. 41–59.