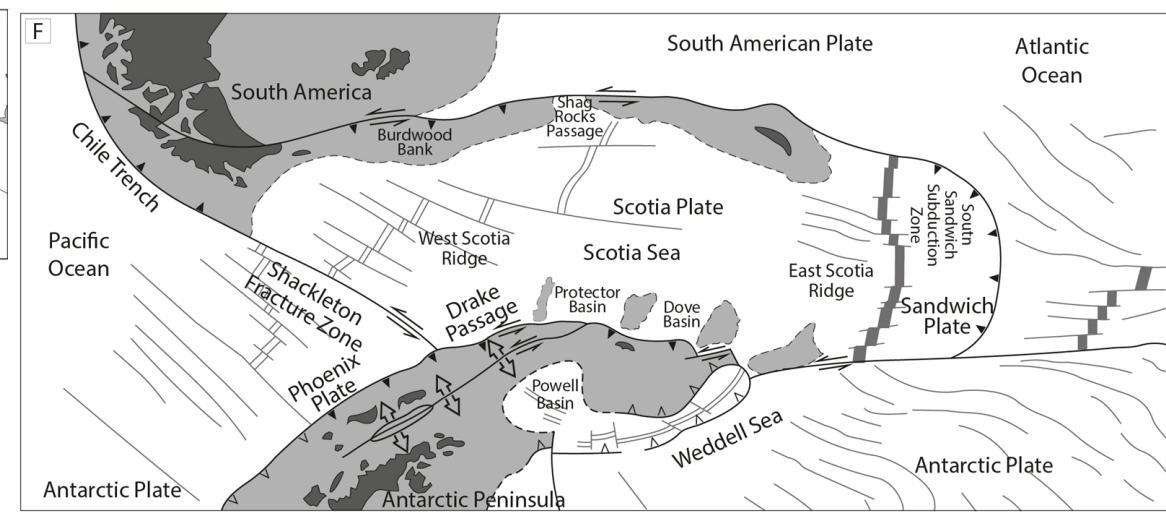
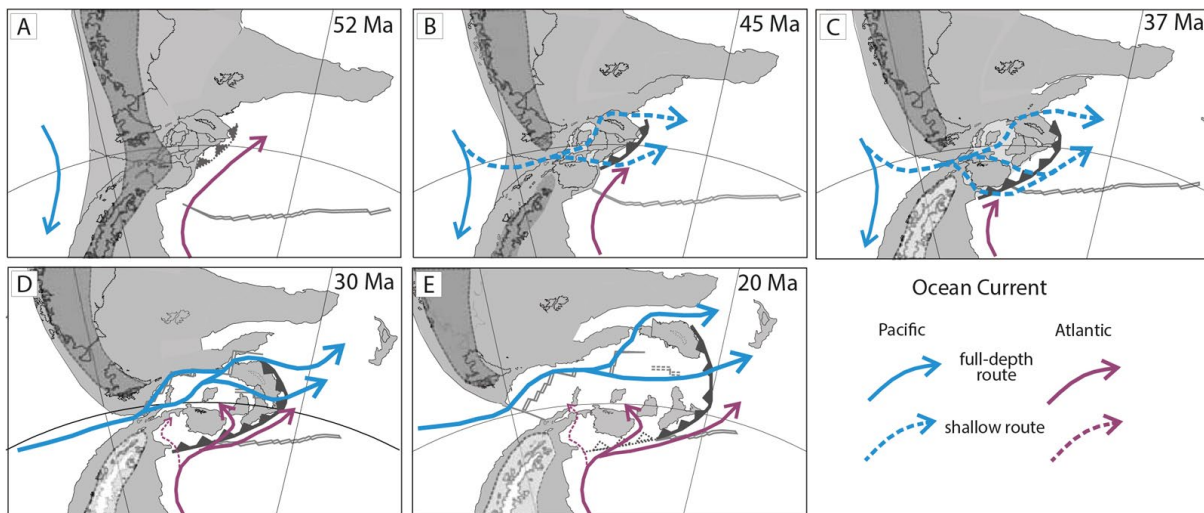
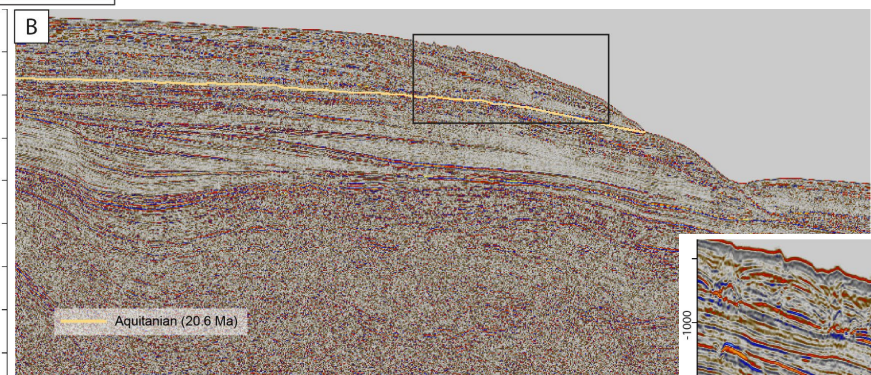
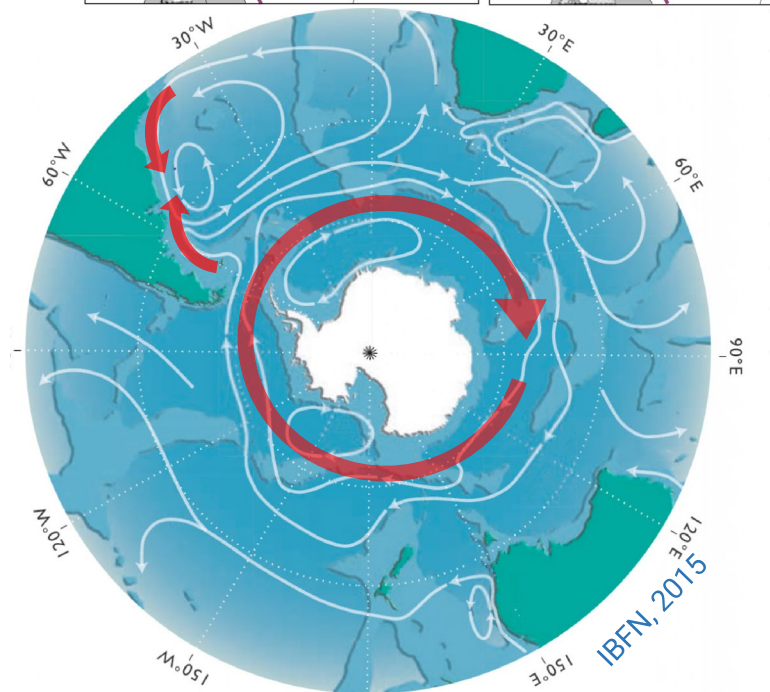


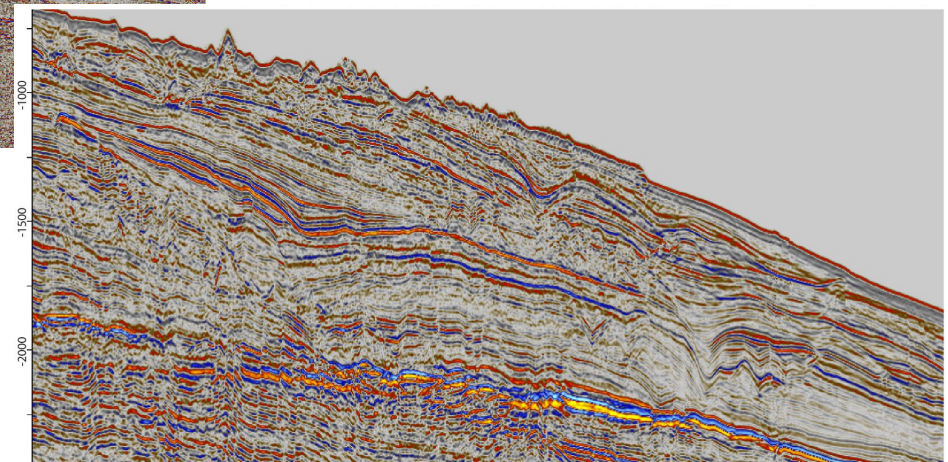
Cassel et al., 2022

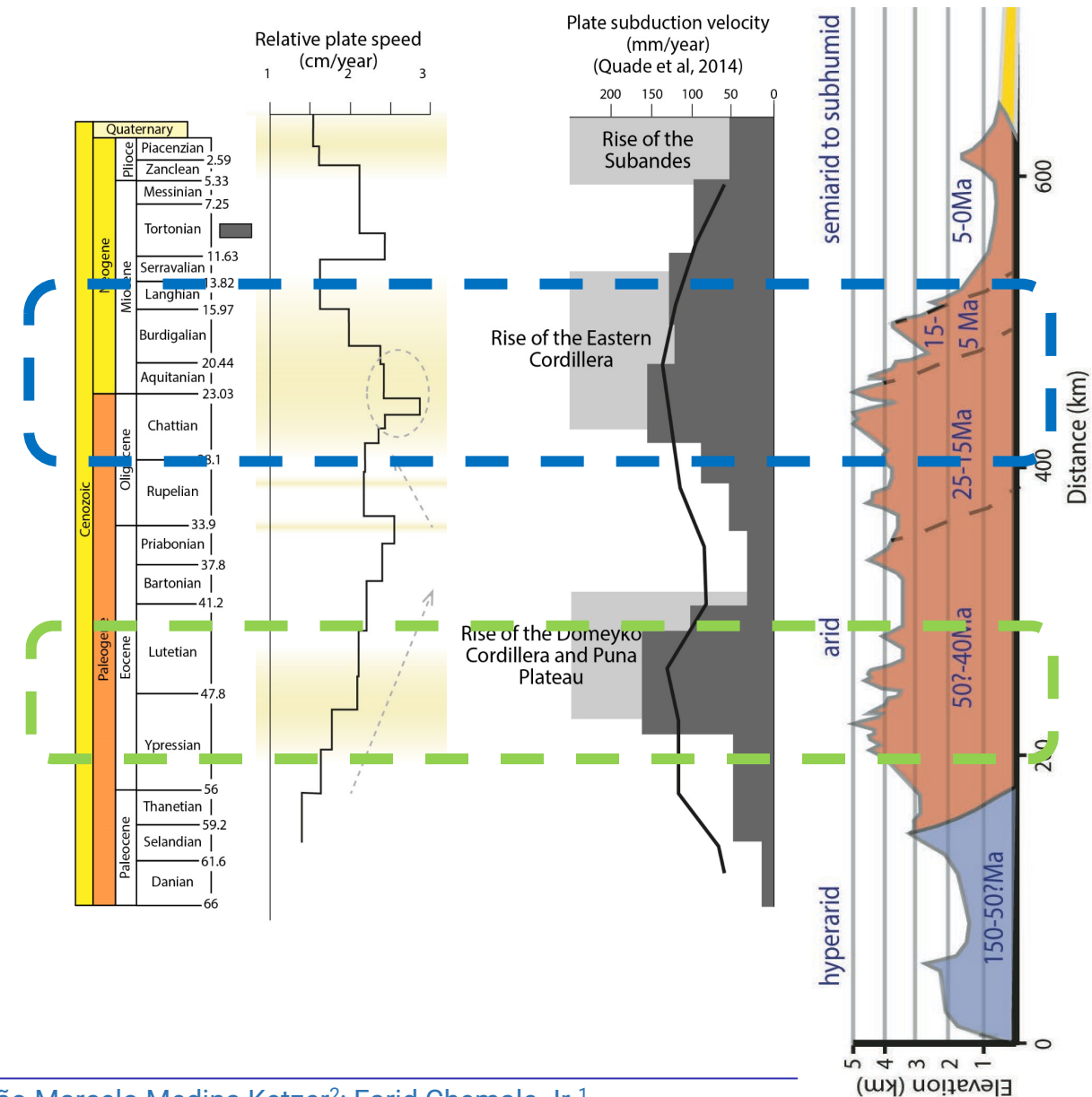
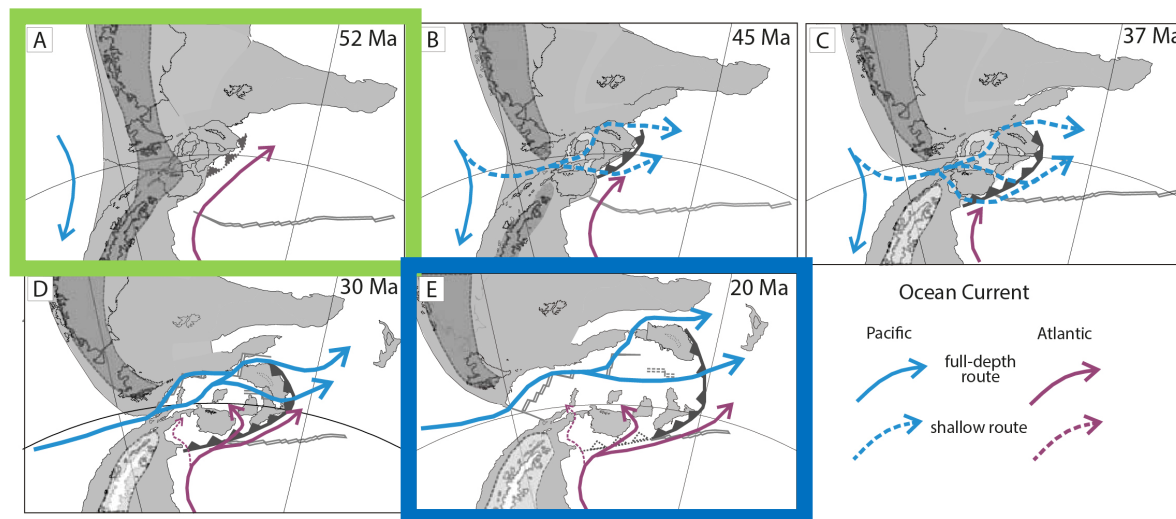


Cassel et al., 2022, (adapted from Livermore et al., 2007 and Livermore et al., 2005, Galindo-Zaldívar et al., 2014)



Cassel et al., 2022







Abreu, V.S., Anderson, J.B., 1998. Glacial eustasy during the Cenozoic: sequence stratigraphic implications. AAPG Bull. 82 (7), 1385–1400.

Anjos-Zerfass, G.S., Chemale Jr., F., Moura, C.A.V., Costa, K.B., Kawashita, K., 2014. Strontium isotopes stratigraphy of the Pelotas Basin. Braz. J. Geol. 44 (1), 23–38.

Bueno, G.V., Zacharias, A.A., Oreiro, S.G., Cupertino, J.A., Falkenhein, F.U.H., Neto, M. A., 2007. Bacia de Pelotas. Boletim de Geociências da Petrobras 15 (2), 557–559.

Cassel, M.C., Chemale Jr., F., Vargas, M.R., Souza, M.K., Girelli, T.J., Oliveira, G.S., 2022. From the Andes and the Drake Passage to the Rio Grande Submarine Fan: Paleoclimatic and paleogeographic evidence in the Cenozoic Era from the South Atlantic – Austral Segment, Pelotas Basin. Glob. Planet. Chang. 213.

Galindo-Zaldívar, J., Puga, E., Bohoyo, F., González, F.J., Maldonado, A., Martos, Y., Perez, L.F., Ruano, P., Schreider, A., Somoza, L., Surinach, E., Antonio, D.F., 2014. Magmatism, structure and age of the Weddell Sea Basin (Antarctica): a key to understanding South Scotia Arc development. Glob. Planet. Chang. 122, 50–69.

Livermore, R., Nankivell, A., Eagles, G., Morris, P., 2005. Paleogene opening of the Drake Passage. Earth Planet. Sci. Lett. 236, 459–470.

Livermore, R., Hillebrand, C.D., Meredith, M., Eagles, G., 2007. Drake Passage and Cenozoic climate: an open and shut case? Geochem. Geophys. Geosyst. 8, 1.

Quade, J., Dettinger, M.P., Carrapa, B., DeCelles, P., Murray, K.E., Huntington, K.W., Cartwright, A., Canavan, R.R., Gehrels, G., Clementz, M., 2015. The growth of the Central Andes, 22°S–26°S. In: DeCelles, P.G., Ducea, M.N., Carrapa, B., Kapp, P.A. (Eds.), Geodynamics of a Cordilleran Orogenic System: The Central Andes of Argentina and Northern Chile. Geological Society of America Memoir 212.

Zachos, J.C., Dickens, G.R., Zeebe, R.E., 2008. An early Cenozoic perspective on greenhouse warming and carbon-cycle dynamics. Nature 451 (17), 279–283.