

- Sorlien, C.C., J.P. Gratier, B.P. Luyendyk, J.S. Hornafius, and T.E. Hopps. 2000. Map restoration of folded and faulted late Cenozoic strata across the Oak Ridge fault, onshore and offshore Ventura basin, California, Geological Society of America Bulletin, v. 112, p. 1080-1090
- Hornafius, J.S., D. Quigley, and B.P. Luyendyk. 1999. The World's Most Spectacular Marine Hydrocarbon Seeps (Coal Oil Point, Santa Barbara Channel, California): Quantification of Emissions. *Journal of Geophysical Research - Oceans* **104**(C9):20,703-20,711.
- Quigley, D.C., J.S. Hornafius, B.P. Luyendyk, R.D. Francis, J. Clark, and L. Washburn. 1999. Decrease in Natural Marine Hydrocarbon Seepage near Coal Oil Point, California Associated with Offshore Oil Production. *Geology* **27**(11):1047-1050.
- Sorlien, C.C., C.N. Nicholson, and B.P. Luyendyk. 1999. Miocene Extension and Post-Miocene Transpression Offshore of South-Central California. In Keller, M.A. ed., Evolution of Sedimentary Basins, Onshore Oil and Gas Investigations - Santa Maria Province: *U.S. Geological Survey Bulletin*, 11995-Y, 38p.
- Hamilton, R., C.C. Sorlien, B.P. Luyendyk, L.R. Bartek, and S. A. Henrys. 1998. Tectonic regimes and structural trends off Cape Roberts, Antarctica. *Terra Antarctica* **5**:261-272.
- Henrys, S.A., L.R. Bartek, G. Brancolini, B. Luyendyk, R.J. Hamilton, C.C. Sorlien, and F.J. Davey. 1998. Seismic stratigraphy of the pre-Quaternary strata off Cape Roberts and their correlation with strata cored in the CIROS-1 drill hole, McMurdo sound. *Terra Antarctica* **5**:273-279.
- Luyendyk, B.P. 1998. Structure under the Santa Barbara Channel: The thick and thin of it, in, Kunitomi, D. S., Hopps, T. E., and Galloway, J. M., eds., Structure and Petroleum Geology, Santa Barbara Channel, California, Amer. Assoc. Petroleum Geol., Pacific Section, Misc. Pub. 46, 75-78.
- Luyendyk, B.P., P. Gans, and M.J. Kamerling. 1998. ⁴⁰Ar/³⁹Ar Geochronology of Southern California Neogene Volcanism, in. Weigand, P. W., ed., Contributions to the Geology of the Northern Channel Islands, Southern California: American Association Petroleum Geol., Pacific Section, Misc. Pub. 45, 9-35.
- Luyendyk, B.P. 1997. Slab capture versus ridge collision as an explanation for Cretaceous extension and rifting of east Gondwana. in Ricci, C. A., ed., The Antarctic Region: Geological Evolution and Processes, Proceed. VII Symp. on Antarctic Earth Sci., Siena, 467-474.
- Luyendyk, B.P., S. Cisowski, C.H. Smith, S. Richard, and D.L. Kimbrough. 1996. Paleomagnetic study of the northern Ford Ranges, western Marie Byrd Land, West Antarctica: A middle Cretaceous pole, and motion between West and East Antarctica. *Tectonics* **15**:122-141.
- Schermer, E., B.P. Luyendyk, and S. Cisowski. 1996. Late Cenozoic structure and tectonics of the northern Mojave Desert. *Tectonics* **15**:905-932.
- Van Der Wateren, F.M., A.L.L.M. Verbers, B.P. Luyendyk, C.H. Smith, H.C. Hofle, F.J.M. Vermeulen, H. De Wolf, U. Herpers, W. Klas, P.W. Kubik, W. Suter, and B. Dittrich-Hannen. 1996. Glaciation and deglaciation of the uplifted margins of the Cenozoic West Antarctic rift system, Ross Sea, Antarctica. *Geologisches Jahrbuch* **B89**, Polar issue no. 6, p. 123-155.
- Luyendyk, B.P. 1995. Hypothesis for Cretaceous Rifting of East Gondwana caused by Subducted Slab Capture. *Geology* **23**:373-376.
- Nicholson, C., C.C. Sorlien, T. Atwater, J.C. Crowell, and B.P. Luyendyk. 1994. Microplate capture, rotation of the western Transverse Ranges, and initiation of the San Andreas transform as a low angle fault system. *Geology* **22**:491-495.
- Richard, S.M., C.H. Smith, D.L. Kimbrough, P.G. Fitzgerald, B.P. Luyendyk, and M.O. McWilliams. 1994. Cooling history of the northern Ford Ranges, Marie Byrd Land, West Antarctica. *Tectonics* **13**:837-857.