

First Publications – ANCORP 1996

- ANCORP Working Group (2003). Seismic imaging of a convergent continental margin and plateau in the central Andes (Andean Continental Research Project 1996 (ANCORP'96)). *Journal of Geophysical Research*, 108 (B7), 2328. doi: [10.1029/2002JB001771](https://doi.org/10.1029/2002JB001771)
- The ANCORP Working Group (1999). Seismic reflection image revealing offset of Andean subduction-zone earthquake locations into oceanic mantle. *Nature*, 397, 341 – 344. doi: [10.1038/16909](https://doi.org/10.1038/16909)

Other Publications – ANCORP 1996

- Bloch, W., Kummerow, J., Salazar, P., Wigger, P. & Shapiro, S.A. (2014). High-resolution image of the North Chilean subduction zone: seismicity, reflectivity and fluids. *Geophysical Journal International*, 197 (3), 1744 – 1749. doi: [10.1093/gji/ggu084](https://doi.org/10.1093/gji/ggu084)
- Buske, S., Lüth, S., Meyer, H., Patzig, R., Reichert, C., Shapiro, S., Wigger, P. & Yoon, M. (2002). Broad depth range seismic imaging of the subducted Nazca Slab, North Chile. *Tectonophysics*, 350, 273 – 282. doi: [10.1016/S0040-1951\(02\)00117-8](https://doi.org/10.1016/S0040-1951(02)00117-8)
- Chmielowski, J., Zandt, G. & Haberland, C. (1999). The Central Andean Altiplano-Puna magma body. *Geophysical Research Letters*, 26 (6), 783 – 786. doi: [10.1029/1999GL900078](https://doi.org/10.1029/1999GL900078)
- Kearey, P., Klepeis, K.A. & Vine, F.J. (2009). Deep structure of the central Andes. In: Kearey, P., Klepeis, K.A. & Vine, F.J. (Eds.): *Global Tectonics*, 294 – 297.
- Levander, A., Zelt, C.A. & Symes, W.W. (2009). Crust and Lithospheric Structure – Active Source Studies of Crust and Lithospheric Structure. In: Schubert, G., Romanowicz, B. & Dziewonski, A.: *Treatise on Geophysics. Seismology and the Structure of the Earth*, 247 – 288. doi: [10.1016/B978-044452748-6/00014-6](https://doi.org/10.1016/B978-044452748-6/00014-6)
- Oncken, O., Hindle, D., Kley, J., Elger, K., Victor, P. & Schemmann, K. (2006). Deformation of the Central Andean Upper Plate System – Facts, Fiction, and Constraints for Plateau Models. In: Oncken, O., Chong, G., Franz, G., Giese, P., Götze, H.-J., Ramos, V.A., Strecker, M.R. & Wigger, P. (Eds.): *The Andes. Active Subduction Orogeny*, 3 – 27. doi: [10.1007/978-3-540-48684-8_1](https://doi.org/10.1007/978-3-540-48684-8_1)
- Sick C., Rauch, K., Buske, S., Lüth, S., Araneda, M., Bataille, K., Chong, G., Giese, P., Krawczyk, C., Mechie, J., Meyer, H., Oncken, O., Reichert, C., Schmitz, M., Shapiro, S., Stiller, M. & Wigger, P. (2006). Seismic Images of Accretive and Erosive Subduction Zones from the Chilean Margin. In: Oncken, O., Chong, G., Franz, G., Giese, P., Götze, H.-J., Ramos, V.A., Strecker, M.R. & Wigger, P. (Eds.): *The Andes. Active Subduction Orogeny*, 147 – 169. doi: [10.1007/978-3-540-48684-8_7](https://doi.org/10.1007/978-3-540-48684-8_7)
- Storch, I., Buske, S., Schmelzbach, C. & Wigger, P. (2016). Seismic imaging of a megathrust splay fault in the North Chilean subduction zone (Central Andes). *Tectonophysics*, 689, 157 – 166. doi: [10.1016/j.tecto.2016.02.039](https://doi.org/10.1016/j.tecto.2016.02.039)
- Storch, I., Buske, S., Victor, P. & Oncken, O. (2021). Seismic images of the Northern Chilean subduction zone at 19°40'S, prior to the 2014 Iquique earthquake. *Geophysical Journal International*, 225 (2), 1048 – 1061. doi: [10.1093/gji/ggab035](https://doi.org/10.1093/gji/ggab035)
- Yoon, M., Buske, S., Shapiro, S.A. & Wigger, P. (2009). Reflection Image Spectroscopy across the Andean subduction zone. *Tectonophysics*, 472, 51 – 61. doi: [10.1016/j.tecto.2008.03.014](https://doi.org/10.1016/j.tecto.2008.03.014)
- Yoon, M., Buske, S., Lüth, S., Schulze, A., Shapiro, S.A., Stiller, M. & Wigger, P. (2003). Along-strike variations of crustal reflectivity related to the Andean subduction process. *Geophysical Research Letters*, 30 (4), 1160. doi: [10.1029/2002GL015848](https://doi.org/10.1029/2002GL015848)