

## Publications issued from ICDP-related research (2013-today)

Publications 2013-today with Swiss co-authorship (indicated in bold font) and related to ICDP are listed below. The list is compiled from direct input from the Swiss Science community.

- Ariztegui, D., Thomas, C., Vuillemin, A.**, 2015. Present and future of subsurface biosphere studies in lacustrine sediments through scientific drilling. *Int J Earth Sci (Geol Rundsch)* 104 (6), 1655–1665. 10.1007/s00531-015-1148-4.
- Ariztegui, D.**, 2013, Investigating the subsurface biosphere in lacustrine systems. ICDP Science Conference: Imaging the Past to Imagine the Future, 53-54.
- Ariztegui, D.**, Stein, M., Ben-Avraham, Z. & **Waldmann, N.**, 2013, La mer Morte racontée par ses fonds. *Pour la Science* 423, 28-34.
- Ariztegui, D.**, Stein, M., Ben-Avraham, Z., **Waldmann, N.**, DSDDP science team, 2013, Filling gaps on the shrinking/swelling tale of the Dead Sea Basin (DSB) during the Late Quaternary through continental drilling. *Rapp. Comm. int. Mer Médit.* 40, C1-01.
- Brennwald, M.S., Vogel, N., Scheidegger, Y., Tomonaga, Y., Livingstone, D.M., Kipfer, R.**, 2013. Noble Gases as Environmental Tracers in Sediment Porewaters and Stalagmite Fluid Inclusions. In: Burnard, P. (Ed.), *The Noble Gases as Geochemical Tracers*. Springer Berlin Heidelberg, Berlin, Heidelberg, pp. 123–153.
- Çağatay, M.N., Öğretmen, N., Damcı, E., **Stockhecke, M.**, Sancar, Ü., Eriş, K.K., Özeren, S., 2014. Lake level and climate records of the last 90ka from the Northern Basin of Lake Van, eastern Turkey. *Quaternary Science Reviews* 104, 97–116. 10.1016/j.quascirev.2014.09.027.
- Costa, K.M., Russell, J.M., **Vogel, H.**, Bijaksana, S., 2015. Hydrological connectivity and mixing of Lake Towuti, Indonesia in response to paleoclimatic changes over the last 60,000years. *Palaeogeography, Palaeoclimatology, Palaeoecology* 417, 467–475. 10.1016/j.palaeo.2014.10.009.
- Cukur, D., Krastel, S., **Tomonaga, Y.**, Schmincke, H.-U., Sumita, M., Meydan, A. F., Çağatay, M. N., Toker, M., Kim, S. P., Horozal, S., submitted. Structural characteristics of the Lake Van Basin, eastern Turkey, from high-resolution seismic reflection profiles and multibeam echosounder data: geologic and tectonic implications. *Int. J. Earth Sci.*
- Cukur, D., Krastel, S., Schmincke, H.-U., Sumita, M., Çağatay, M.N., Meydan, A.F., Damcı, E., **Stockhecke, M.**, 2014. Seismic stratigraphy of Lake Van, eastern Turkey. *Quaternary Science Reviews* 104, 63–84. 10.1016/j.quascirev.2014.07.016.
- Cukur, D., Krastel, S., Schmincke, H.U., Sumita, M., **Tomonaga, Y.**, Namık Çağatay, M., 2014. Water level changes in Lake Van, Turkey, during the past ca. 600 ka: climatic, volcanic and tectonic controls. *J Paleolimnol* 52 (3), 201–214. 10.1007/s10933-014-9788-0.
- Cukur, D., Krastel, S., **Tomonaga, Y.**, Çağatay, M.N., Meydan, A.F., 2013. Seismic evidence of shallow gas from Lake Van, eastern Turkey. *Marine and Petroleum Geology* 48, 341–353. 10.1016/j.marpetgeo.2013.08.017.
- Cunningham, L., **Vogel, H.**, Nowaczyk, N., Wennrich, V., Juschus, O., Persson, P., Rosén, P., 2013. Climatic variability during the last interglacial inferred from geochemical proxies in the Lake El'gygytgyn sediment record. *Palaeogeography, Palaeoclimatology, Palaeoecology* 386, 408–414. 10.1016/j.palaeo.2013.06.009.
- Cunningham, L., **Vogel, H.**, Wennrich, V., Juschus, O., Nowaczyk, N., Rosén, P., 2013. Amplified bioproductivity during Transition IV (332 000–342 000 yr ago): evidence from the geochemical record of Lake El'gygytgyn. *Clim. Past* 9 (2), 679–686. 10.5194/cp-9-679-2013.

- Cvetkoska, A., Jovanovska, E., Francke, A., Tofilovska, S., **Vogel, H.**, Levkov, Z., Donders, T.H., Wagner, B., Wagner-Cremer, F., 2015. Ecosystem regimes and responses in a coupled ancient lake system from MIS 5b to present: the diatom record of lakes Ohrid and Prespa. *Biogeosciences Discuss.* 12 (17), 15051–15086. 10.5194/bgd-12-15051-2015.
- Francke, A., Wagner, B., Just, J., Leicher, N., Gromig, R., Baumgarten, H., **Vogel, H.**, Lacey, J.H., Sadori, L., Wonik, T., Leng, M.J., Zanchetta, G., Sulpizio, R., Giaccio, B., 2015. Sedimentological processes and environmental variability at Lake Ohrid (Macedonia, Albania) between 640 ka and present day. *Biogeosciences Discuss.* 12 (17), 15111–15156. 10.5194/bgd-12-15111-2015.
- Frank, U., Nowaczyk, N.R., Minyuk, P., **Vogel, H.**, Rosén, P., Melles, M., 2013. A 350 ka record of climate change from Lake El'gygytgyn, Far East Russian Arctic: refining the pattern of climate modes by means of cluster analysis. *Clim. Past* 9 (4), 1559–1569. 10.5194/cp-9-1559-2013.
- Gischler, E., **Anselmetti, F.S.**, and Shinn, E.A., 2013. Seismic stratigraphy of the Blue Hole (Lighthouse Reef, Belize), a late Holocene climate and storm archive: *Marine Geology* 344, 155-162.
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- Lacey, J.H., Leng, M.J., Francke, A., Sloane, H.J., Milodowski, A., **Vogel, H.**, Baumgarten, H., Wagner, B., 2015. Mediterranean climate since the Middle Pleistocene: a 640 ka stable isotope record from Lake Ohrid (Albania/Macedonia). *Biogeosciences Discuss.* 12 (16), 13427–13481. 10.5194/bgd-12-13427-2015.
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- Recasens, C., Ariztegui, D., Moidana, N.I., Zolitschka, B.,** 2015. Diatoms as indicators of hydrological and climatic changes in Laguna Potrok Aike (Patagonia) since the Late Pleistocene. *Palaeogeography, Palaeoclimatology, Palaeoecology* 417, 309–319. 10.1016/j.palaeo.2014.09.021.
- Russell, J.M., **Vogel, H., Konecky, B.L., Bijaksana, S., Huang, Y., Melles, M., Wattrus, N., Costa, K., King, J.W.,** 2014. Glacial forcing of central Indonesian hydroclimate since 60,000 y B.P. *Proceedings of the National Academy of Sciences* 111 (14), 5100–5105. 10.1073/pnas.1402373111.
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- Stockhecke, M., Kwiecien, O., Vigliotti, L., Anselmetti, F.S., Beer, J., Çağatay, M.N., Channell, J.E., Kipfer, R., Lachner, J., Litt, T., Pickarski, N., Sturm, M.,** 2014. Chronostratigraphy of the 600,000 year old continental record of Lake Van (Turkey). *Quaternary Science Reviews* 104, 8–17. 10.1016/j.quascirev.2014.04.008.
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- Vigliotti, L., Channell, J., **Stockhecke, M.**, 2014. Paleomagnetism of Lake Van sediments: chronology and paleoenvironment since 350 ka. *Quaternary Science Reviews* 104, 18–29. 10.1016/j.quascirev.2014.09.028.
- Vogel, H.**, Russell, J.M., Cahyarini, S.Y., Bijaksana, S., Wattrus, N., Rethemeyer, J., Melles, M., 2015. Depositional modes and lake-level variability at Lake Towuti, Indonesia, during the past ~29 kyr BP. *J Paleolimnol* 54 (4), 359–377. 10.1007/s10933-015-9857-z.
- Vogel, H.**, Meyer-Jacob, C., Melles, M., Brigham-Grette, J., Andreev, A.A., Wennrich, V., Tarasov, P.E., Rosén, P., 2013. Detailed insight into Arctic climatic variability during MIS 11c at Lake El'gygytgyn, NE Russia. *Clim. Past* 9 (4), 1467–1479. 10.5194/cp-9-1467-2013.
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