

IODP related BSc, MSc and PhD theses (2013-today)

PhD

- Bao, R. (ongoing): Role of sedimentology in organic carbon burial in the Chinese marginal seas, PhD thesis, ETH Zürich.
- Fentimen, R. (ongoing): Faunal assemblages from active, declining and buried cold-water coral ecosystems, PhD thesis, University of Fribourg.
- Hasenfratz, A. (ongoing): Polar twins – paleoceanographic evolution of the subarctic NW Pacific and the Atlantic sector of the Southern Ocean since the mid-Pleistocene transition, PhD thesis, ETH Zürich.
- Summerson, I. (ongoing): Hydration and carbonation of mantle peridotite, PhD thesis, ETH Zürich.
- Oesch, L. (ongoing): Atlantic paleoceanography disclosures from foraminifera-bound nitrogen isotopes, PhD thesis, ETH Zürich.
- Utsav, M. (ongoing): Accretionary prism numerical modelling experiments to investigate origin and evolution of forearc basins and its influence on subduction zone dynamics, PhD thesis, ETH Zürich.
- Pictet, A. (2016): The evolution and demise of Aptian carbonate platforms along the northwestern Tethyan margin (SE France to SW Germany), and their relationship with palaeoclimatic and palaeoceanographic changes, PhD thesis, University of Lausanne.
- Bonvallet, L. (2015): Evolution of the Helvetic shelf (Switzerland) during the Barremian-early Aptian: paleoenvironmental, paleogeographic and paleoceanographic controlling factors, PhD thesis, University of Lausanne.
- Sandoval, M. (2015): Late Mesozoic to Neogene Radiolarian Biostratigraphy and Palaeoceanography in the Caribbean and East Pacific Region, PhD thesis, University of Lausanne.
- Stalder, C. (2015): Benthic foraminifera and cold-water corals in the Alboran-Cadiz system, PhD thesis, University of Fribourg.
- Vogel, M. (2015): Peridotite-hosted hydrothermal systems past and present: Serpentinization, metasomatism and carbonate precipitation in modern and Jurassic ultramafic seafloor, PhD thesis, ETH Zürich.
- Bastide, F. (2014): Synthèse de l'évolution de la plateforme Urgonienne (Barrémien tardif à l'Aptien précoce) du sud-est de la France: facies, micropaléontologie, géochimie, geometries, paléotectonique et géomodélisation, PhD thesis, University of Lausanne "en cotutelle" with the University of Grenoble.
- Morales, C. (2013): The late Berriasian- early Valanginian interval: evidence of major environmental change before the Valanginian Episode, PhD thesis, University of Lausanne.
- Planteblat, C. (2013): Modélisation par automate cellulaire des phénomènes diagénétiques des plateformes carbonatées. Calibration et paramétrage à partir de deux cas d'études: l'Urgonien du Vercors (Crétacé inférieur, SE France) et les Calcaires Gris du Mont Compomolon (Lias, NE Italie), PhD thesis, University of Lausanne "en cotutelle" with the University of Grenoble.
- Pretet, C. (2013): Non-Traditional Isotopes (Barium and Calcium) and Elemental Ratios in Scleractinian Coral Skeleton: New Look into Geochemical Cycles, Environmental Proxies and Bio-Calcification Processes. PhD thesis, University of Geneva.
- Studer, A. (2013): Plio-Pleistocene nutrient consumption in the polar oceans reconstructed from diatom-bound nitrogen isotopes, PhD thesis, ETH Zürich.

MSc

- Rappo, S. (ongoing): “total evidence” early phylogeny and ecology of the genus “Globigerinoides”, planktonic foraminifera, and establishment of the new genus Trilobatus, MSc thesis, University of Fribourg.
- Auderset, A. (2015): Early Pliocene sea surface temperature reconstruction in the North Atlantic, MSc thesis, ETH Zürich.
- Camozzi, O. (2015): Cold water coral reef in the Alboran Sea: foraminifera and geochemistry of phosphorus, MSc thesis, University of Fribourg.
- Angéloz, A. (2014): Mine de sel de Bex: analyse paléoenvironnementale des sédiments triasiques et liasiques et analyse statistique des emanations de gaz, MSc thesis, University of Lausanne.
- Dinten, D. (2013): Investigating the seafloor and subseafloor effects of the giant Mw 9.0 Tohoku-oki Earthquake in the Japan Trench. Msc thesis, ETH Zürich.
- Hofmann, H. (2013): Miocene phosphogenesis in southern Italy, Msc thesis, University of Lausanne.
- Mehno, M. (2013): Les sédiments d’Hauterivien dans le Jura et Helvétique. Approche sédimentologique, minéralogique et géochimique, Msc thesis, University of Lausanne.
- Rohner, T. (2013): Benthic foraminifera stable isotope reconstruction across the last two glacial terminations in the Southern Ocean, MSc thesis, ETH Zürich.
- Usman, M. (2013): Provenance Analyses of turbidite sands in the Nankai Forearc at IODP Site C0018, MSc thesis, ETH Zürich.
- Zanoni G. (2015): Reservoir characterization, geochemistry and clay mineralogy of the Dentale and Gamba reservoirs (South Gabon sub-basin, equatorial West Africa), MSc Thesis, University of Geneva.

BSc

- Auderset, A. (2013): Impact of iron dust fertilisation on marine productivity in the Southern Ocean: A high-resolution analysis of organic carbon concentration in two sediment cores during the last 160 ky, BSc thesis, ETH Zürich.
- Kälin, A. (2014): Lost City Hydrothermal field: Mineralogie und Biomasse der Karbonat-Türme, BSc thesis, ETH Zürich.