



Press Release

Conundrum of missing iron in oxygen minimum zones solved



At the synchrotron light source at KIT, samples from the oxygen minimum zone off Peru are analyzed at high resolution. Photo: Florian Scholz, GEOMAR

Vertical and horizontal distribution of oxygen, nitrogen compounds and iron in seawater in the oxygen minimum zone off Peru. Decreasing concentrations of dissolved iron do not coincide with the occurrence of oxygen but with the increase of dissolved nitrogen compounds. Source: GEOMAR.