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Karas, C., D. Nürnberg, A.K. Gupta, R. Tiedemann, K. Mohan and T. Bickert, 2009: Mid-Pliocene climate change amplified by a switch in Indonesian subsurface throughflow. *Earth and Planetary Science Letters*, **281**, 1-10, doi: 10.1038/NGEO520.

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Figures:

Under

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are available for Download.

Figure caption:

Figure 1: Schematic pattern of sea (sub)surface currents for today and 5 Ma in the Indonesian Throughflow (ITF) area. The 5 Ma scenario is based on general circulation models. Note that the source of water masses entering the Indian Ocean changed considerably (IFM-GEOMAR).

Figure 2: Isotopegeochemical and trace metal studies were carried out on Pliocene microfossils (foraminifera) from the eastern Indian Ocean. The different living depths of these calcitic protozoa allow to reconstruct in high detail the Indonesian throughflow. Images: University College London (2002), Rohling (2004), Kennett & Srinivasan (1983).

Figure 3: Sampling of the Indian Ocean sediment core. Photo: D. Nürnberg, IFM-GEOMAR.