



## Weekly report 19. - 25.08.2019 SO269 SOCLIS

The third week at sea has passed quickly. With good to very good sea and weather conditions, the station work along the sections L7 and L8 progressed rapidly. At all planned stations hydrographic data was recorded by CTD, followed by sampling for biological and chemical analysis. With the help of the good hydroacoustic measurements along the route, we selected and sampled positions on which short and long cores were pulled. The in situ pumps and the Pump-CTD were also intensively used to provide sufficient water for the analyses of organic pollutants. All the equipment used works without any problems, so we have been able to collect an excellent set of data and samples so far.

On 20.08 at 20:00 board time (14:00 in Germany) there was a conference call to Hamburg. At the University of Hamburg a meeting of the current German-Chinese cooperation projects took place, to which also MEGAPOL, TRAN and SO269-SOCLIS were invited. Besides the cruise leader Prof. Joanna Waniek (IOW), Dr. Birgit Gaye (Univ. HH, Institute of Geology), Prof. Schulz-Bull (IOW), Prof. Dr. Yisen Zhong (SJTU\*) and Dr. Lu Jianfei (GMGS\*\*) participated in the live video transmission. In Hamburg the representatives of the other projects, the PTJ and the BMBF heard and saw our short report. First reactions to the transmission from the FS SONNE on board are positive throughout. For us there was also the possibility to report live from the expedition and to set the course for the next phase of the scientific-technological cooperation with China (WTZ China).

The atmosphere on board is good; the cooperation between the German and Chinese colleagues runs smoothly, and the good cooperation with the ship's management and the crew ensures a good, relaxed working atmosphere on board. A few birthdays among the scientific participants provide a little variety in the now repetitive work processes. The last week at sea lies ahead of us, in which we will hopefully complete the station work on the remaining 12 stations along the L3 section.

We on board the SONNE extend our warmest greetings to everyone.

On behalf of the expedition participants,

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