Summary of the scientist's main points:

- 1. It is still unclear what environmental damage will be caused, as vital information on the type and amount of the emission is missing.
- 2. The environmental damage will most probably be far smaller than the damage cause by Deep Water Horizon in the Gulf of Mexico, since no oil is leaking, the North Sea is well aerated by the currents and there is a high water exchange with the North Atlantic (transportation of a few million cubic meters of water per second).
- 3. German coastal waters will not be affected as the water is flowing towards Denmark/Norway.
- 4. GEOMAR has the technology and the knowhow to quantify the emissions at the seabed, estimate the emissions into the atmosphere and analyze the effect on the environment. A trip to the North Sea is planned for August 2012, yet, if the possibility arises, measurements could also be made earlier.

## Links:

www.geomar.de GEOMAR | Helmholtz Centre for Ocean Research Kiel

## Contact:

Dr. Peter Linke, Tel.: 0431 600-2115, plinke(at)geomar.de

Dr. Andreas Villwock (GEOMAR, Communication and Media), Tel.: 0431 600-2802, avillwock(at)geomar.de