

Geophysical Research Abstracts,
Vol. 10, EGU2008-A-01837, 2008
SRef-ID: 1607-7962/gra/EGU2008-A-01837
EGU General Assembly 2008
© Author(s) 2008



VirtuelGalathea3 e-learning

C.B. Hasager

Risø DTU, Wind Energy Department, Roskilde, Denmark (charlotte.hasager@risoe.dk)

In 2006-2007 the Galathea 3 global expedition sailed the seven seas and engaged in research in a multitude of disciplines and subjects worldwide. Results from around 50 science projects are being analysed by scientists. In the coming period in cooperation with experienced teachers from upper secondary school the information will –in part - be developed into e-learning for the classroom. A major component is a large database of satellite images collected during the expedition – in particular a large amount of European Space Agency Envisat images - as well as daily near-real-time updates the next four years from various satellites. This satellite database enables teachers and pupils to investigate the conditions of e.g. sea surface temperature, ocean winds, sea ice etc. on any specific day or time period observed from satellite with the conditions at the time of the expedition. Furthermore, online meteorological and marine observations from the ship and from several science projects allow pupils to get ‘hands-on’ experience on recent science data in their studies. Another important component of the e-learning VirtuelGalathea3 project at www.virtuelgalathea3.dk is an educational movie and short video links obtained from onboard the expedition presenting and explaining various details in the science projects, life onboard a marine expedition, etc. The project is kindly supported by the Danish Ministry of Education Tips and Lottopuljen and Galathea3 scientists.