

## **Supplementary Material**

File: Animation\_keops2bloom2011\_2012.mp4

The animation shows a full annual cycle of phytoplankton bloom development over and downstream of the Kerguelen plateau from daily 8km resolution NASA MODIS Aqua chlorophyll images. The images were provided by SSALTO/DUACS at CLS with support from the Centre Nationale des Etudes Spatiales, Toulouse, France.

