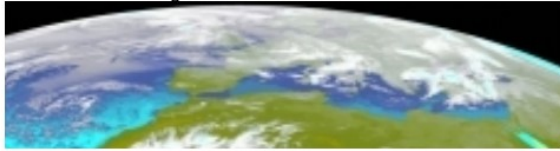


Satellite based oceanography

Earth Observation Support for fisheries management



•**Initiative:** Advanced Systems for Marine Research provide a better understanding of the marine environment with view on longer-term interactions and their impact on the commercial use in balance with a sustainable environmental protection.

•**Users:** Fisheries management owners

•**Need:** Remote sensing data obtained from satellites represents an indispensable source of information for oceanographers and fishery scientists

•**Challenge:** Current Satellite Marine Remote Sensing technology is highly accurate and has acquired greater understanding of the different factors that can contribute to the signal received from the ocean surface so that steps can be taken to filter out unwanted contributions, thereby enhancing the information content of the signal required. The reception and main processing functions are generally performed as background processes totally automatically needing no intervention from operators.