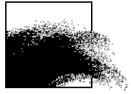


## MARCOAST: MUMM's processing of RS data

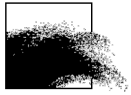
**K. Ruddick, J. Ozer and S. Legrand**  
**MUMM/RBINS (Belgium)**

**EMECO-NOOS Workshop**  
**02 – 03 June, 2009**  
**Lowestoft (UK)**



## MUMM/MARCOAST products

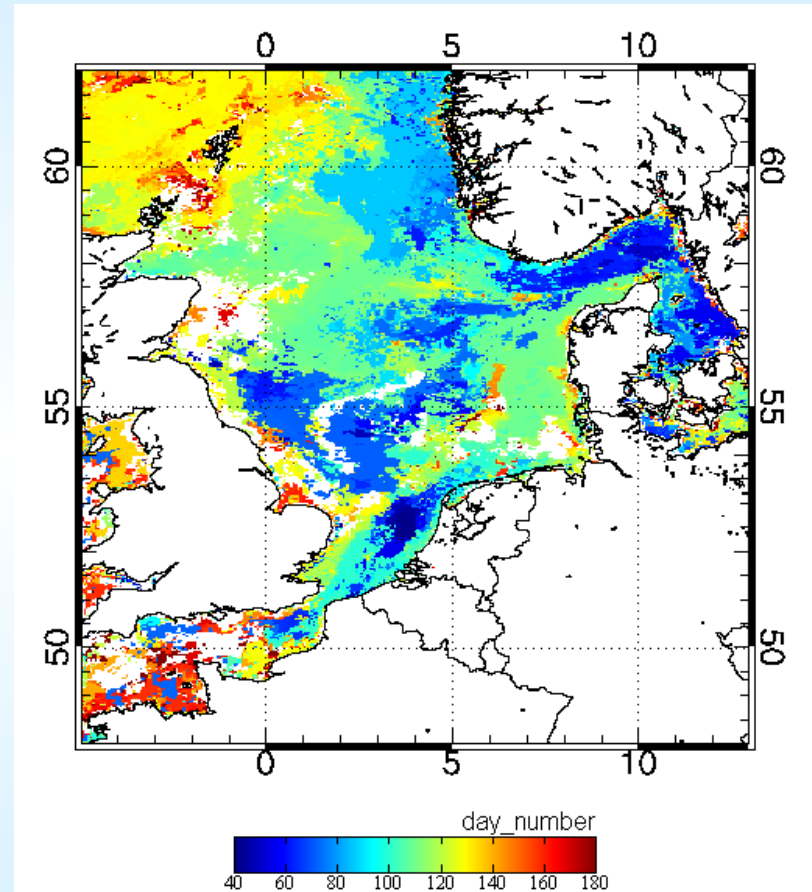
- Remote Sensing CHL products mature for EU-WFD/OSPAR monitoring requirements
- NRT CHI daily maps available from many sources
- New added-value multi-temporal products developed by MUMM for MARCOAST (GMES Downstream Services)
- USLA: services requirements, no cost, feedback

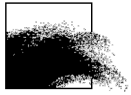


## Algae bloom timing

(day # in 2008)

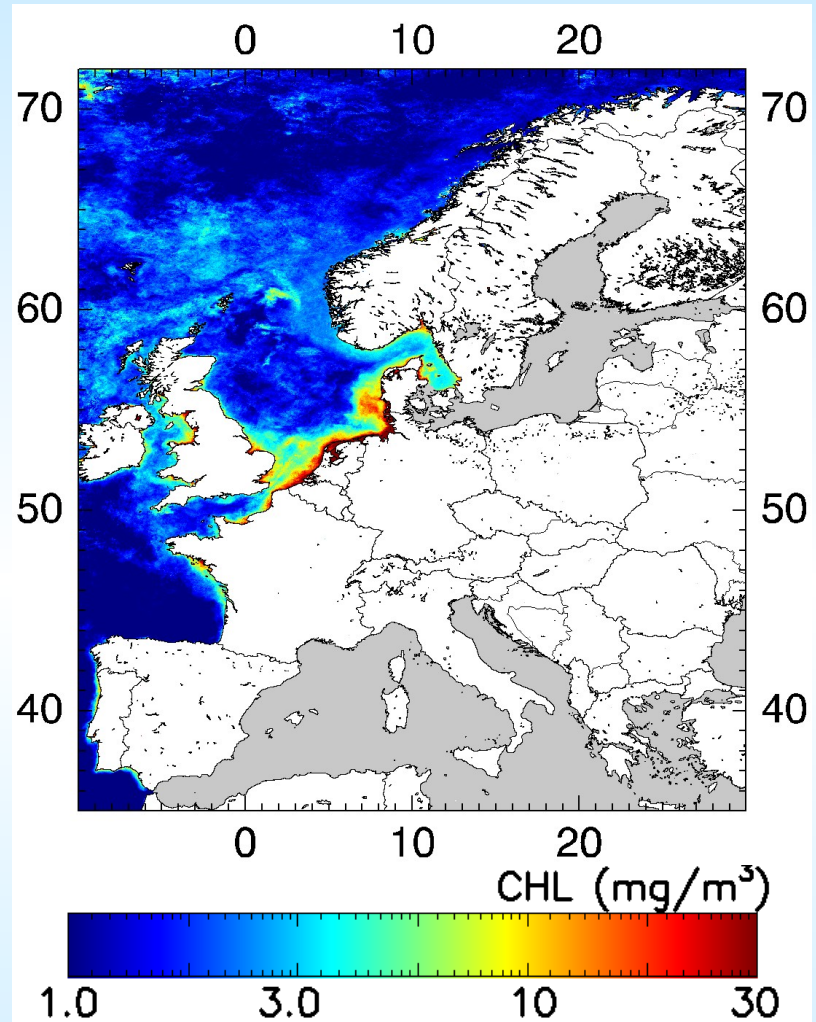
Y. Park and K. Ruddick (2009)

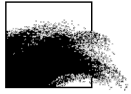




## CHL 90 percentile

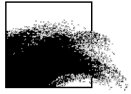
Growing season (Mar-Oct) 2008





## Other products

- Monthly means/seasonal means
- Time series at fixed stations
- Bloom duration
- ....



## EMECO NEEDS

Parameter, timing, format, ...

Please contact

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