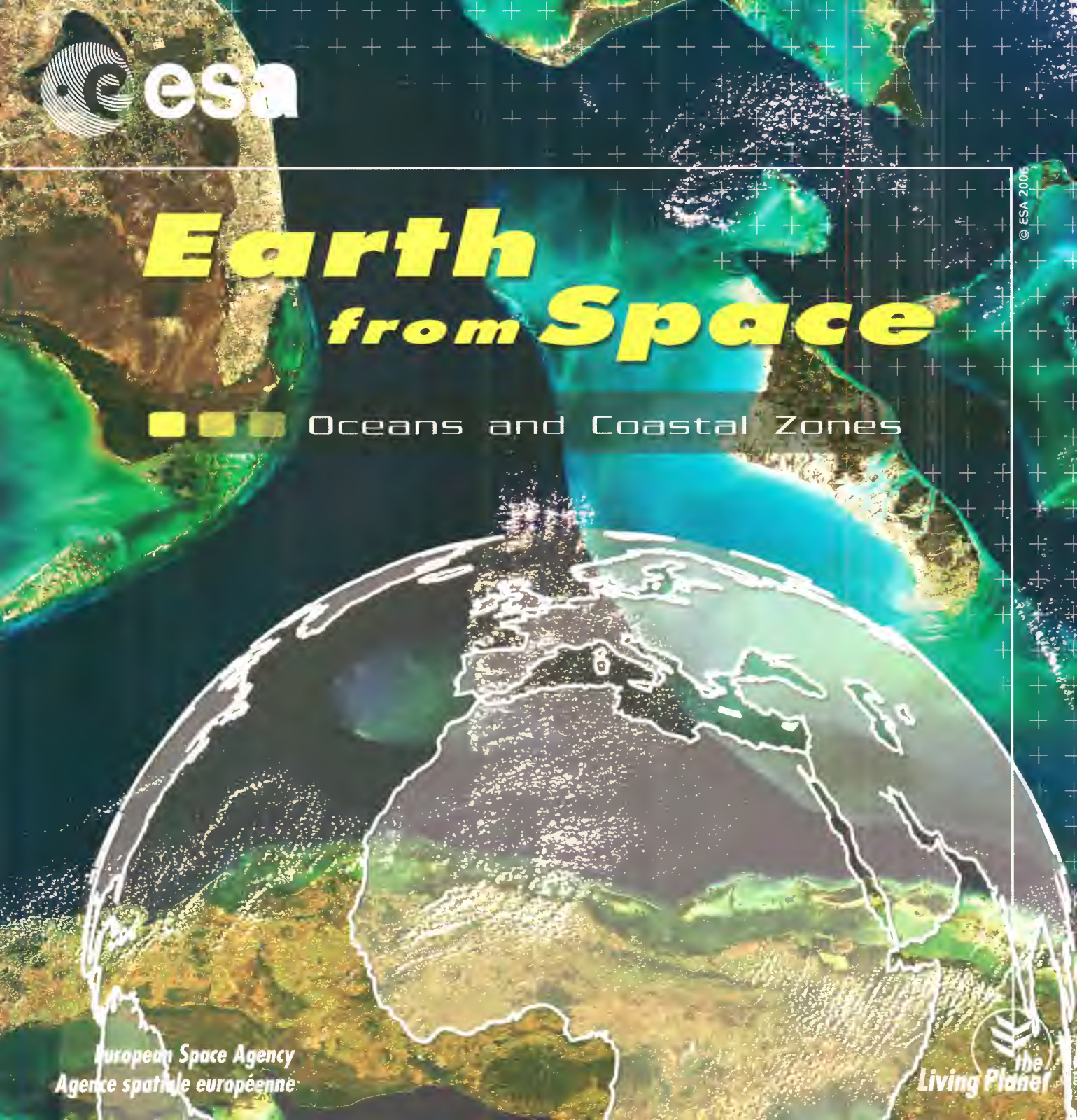

esa
Earth from Space
Oceans and Coastal Zones
© ESA 2006
European Space Agency
Agence spatiale européenne
the Living Planet

# Earth from Space

Meteosat-8 17 March 2003, 11:57 UTC



Earth from Space

# INDEX

# Delta of Ganges and Brahmaputra, Bangladesh

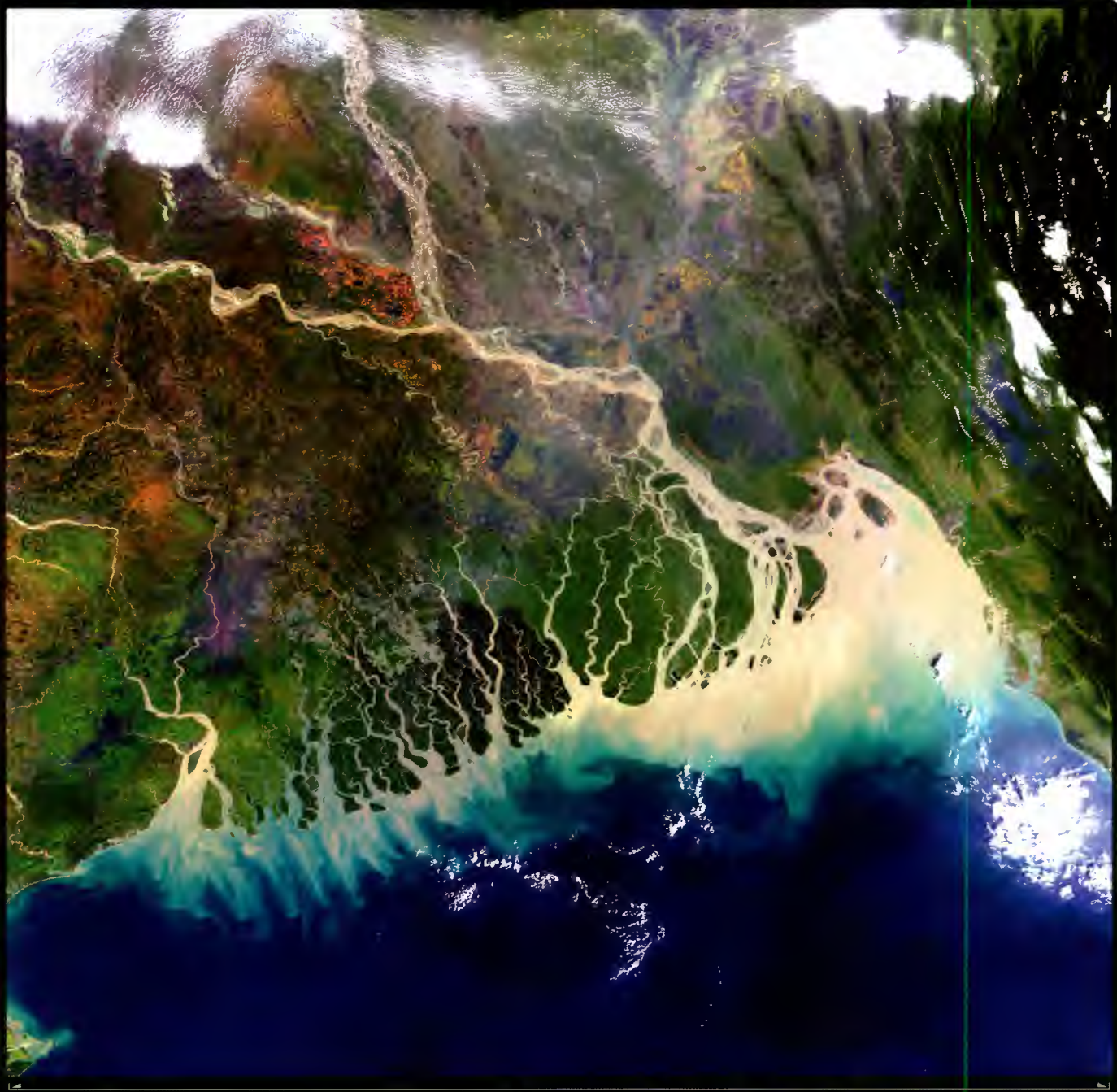


image width: 598 Km

*ENVISAT* MERIS - 8 November 2003

# North Sentinel Island, Indian Ocean

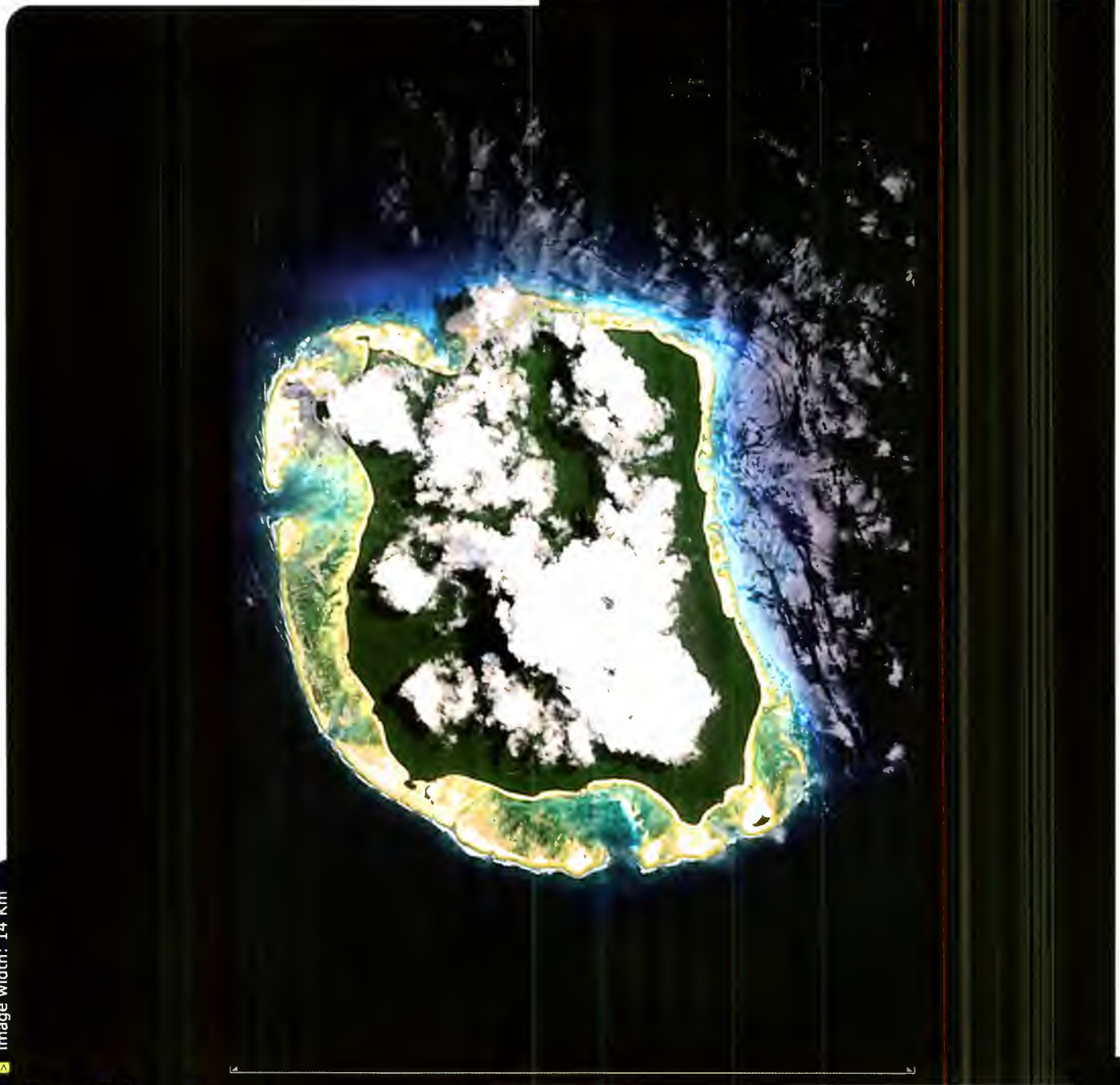


image width: 14 Km

**PROBA** CHRIS - 23 April 2005

## Mumbai, Arabian Sea of India



image width: 70 Km

*ENVISAT* ASAR - 31 October 2004

# Yellow Sea, Chinese Coast

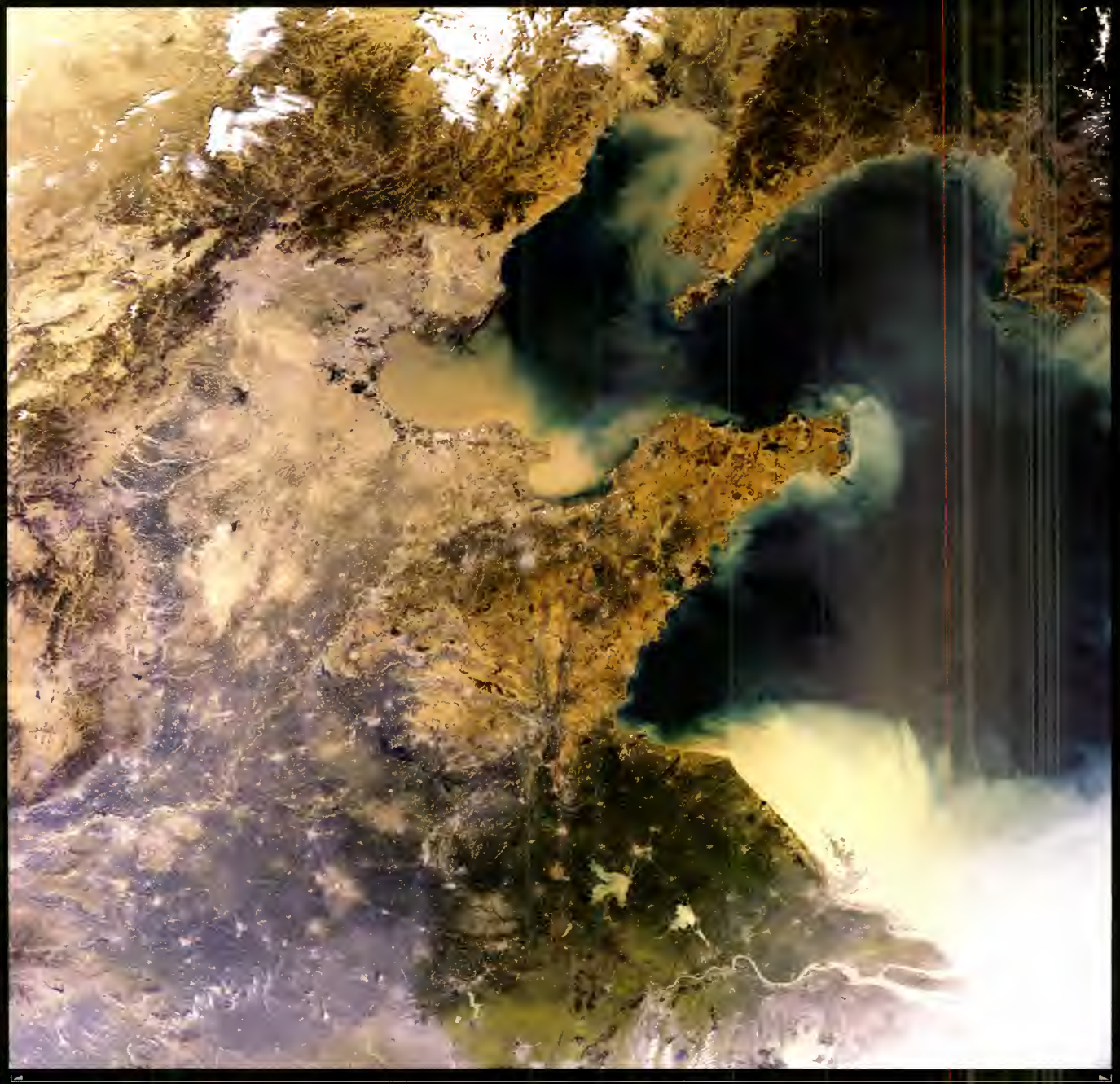


image width: 1767 Km

**ENVISAT** MERIS - 13 April 2005

## Great Barrier Reef, Queensland, Australia

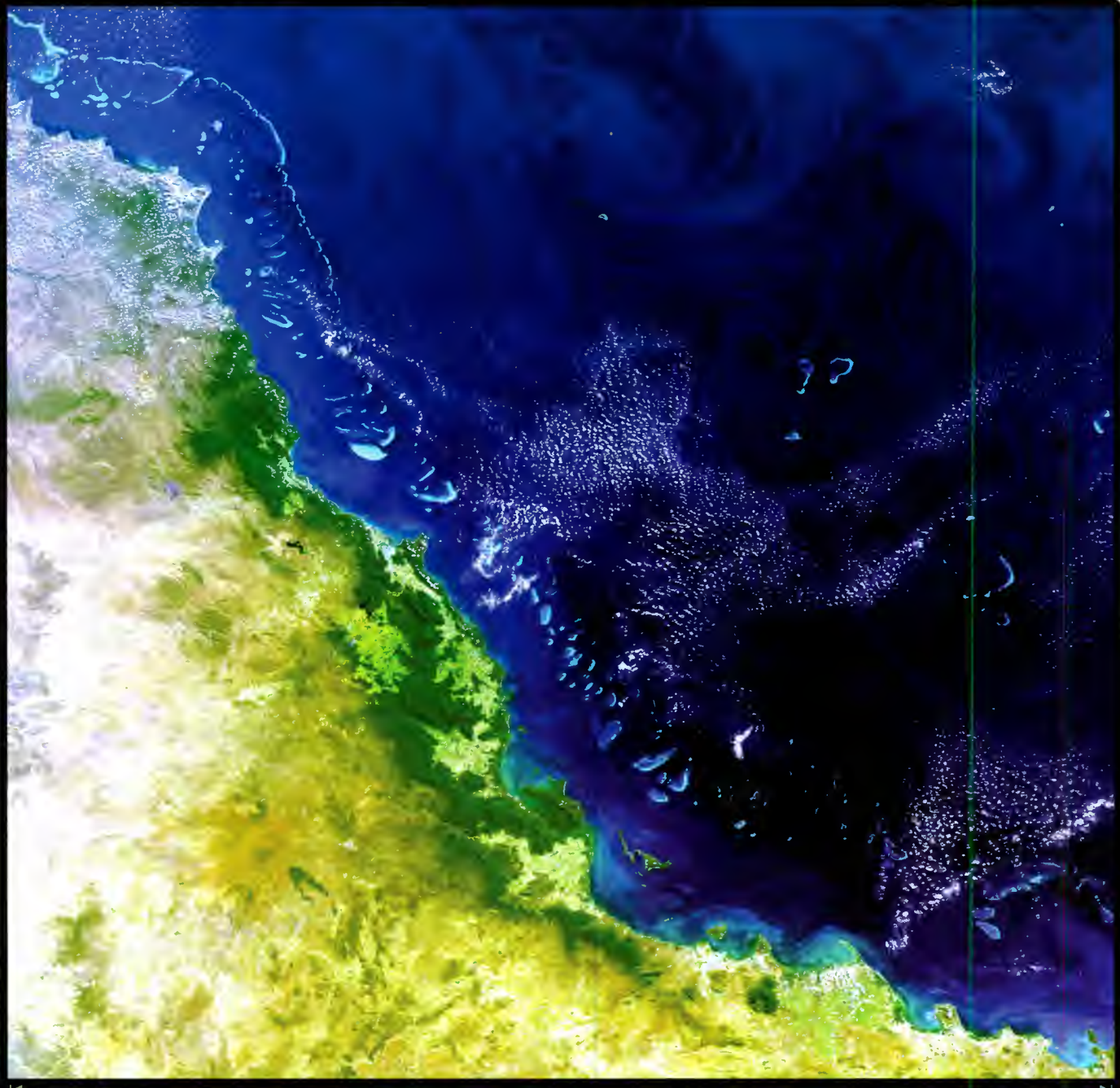


image width: 672,3 Km

***ENVISAT*** MERIS - 16 August 2004

# Istanbul and the Bosporus, Turkey

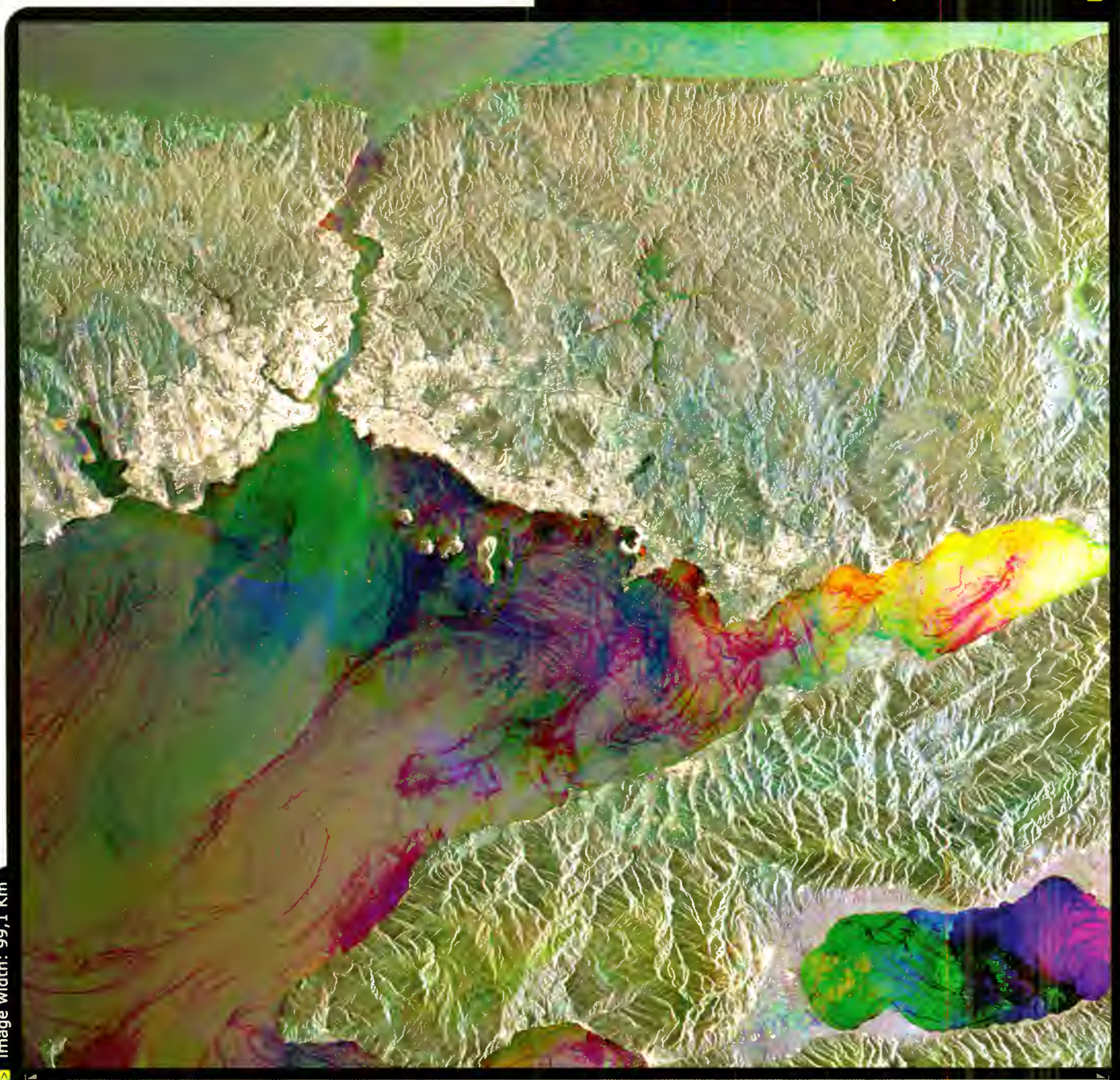


image width: 99,1 Km

***ENVISAT*** ASAR - 26 February 2004

# Fjords of Southwest Norway

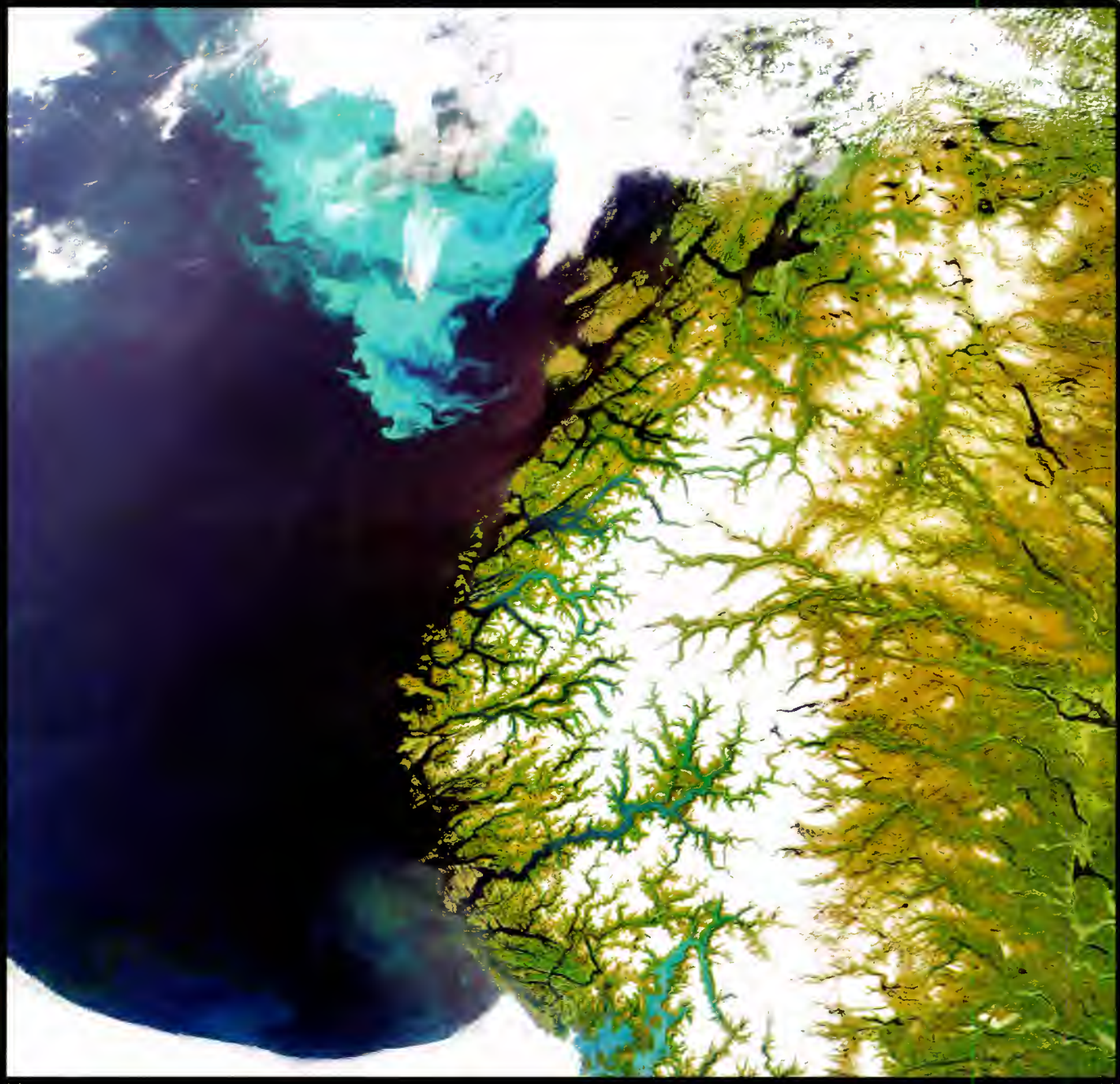


image width: 647 Km

*ENVISAT* MERIS - 10 June 2006

# Strait of Messina. Sicily. Southern Italy

image width: 77,4 Km

*ERS-2* SAR - 11 August 2004

# Aegean Sea, Cyclades Islands and Peloponnes, Greece

image width: 639 Km

***ENVISAT*** MERIS - 4 July 2003

# The English Channel

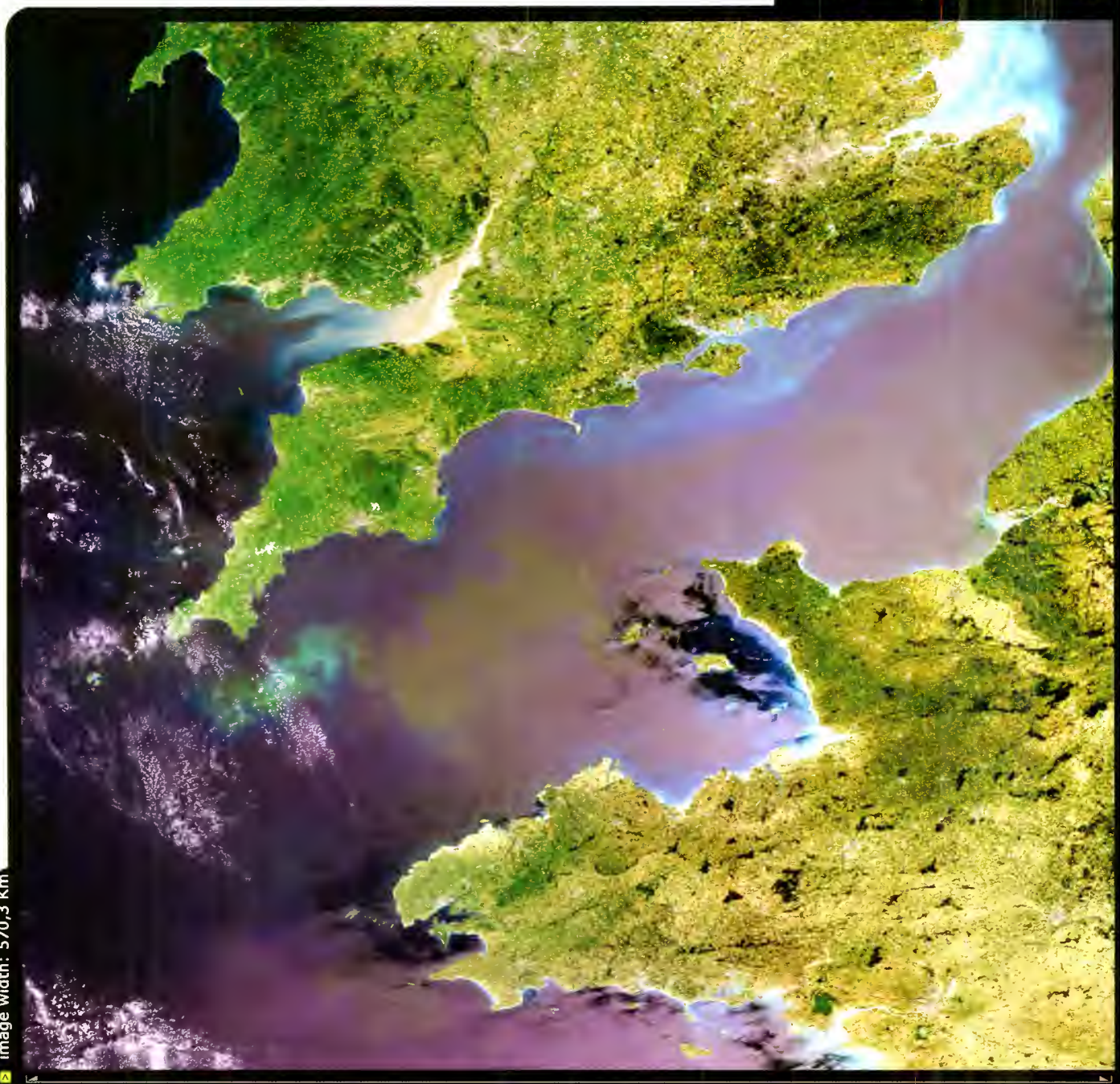


image width: 570,3 Km

*ENVISAT* MERIS - 13 July 2003

## Schiermonnikoog, North Sea Coast of The Netherlands

image width: 13,2 Km

**PROBA** CHRIS - 18 October 2005

# The Strait of Gibraltar

image width: not available

***ENVISAT*** ASAR - 20 May 2002

# The Caribbean: Southern Florida, the Bahamas and Cuba

image width: 639 Km

***ENVISAT*** MERIS - 24 January 2004

# Patagonian Coast and the Andes, Chile and Argentina

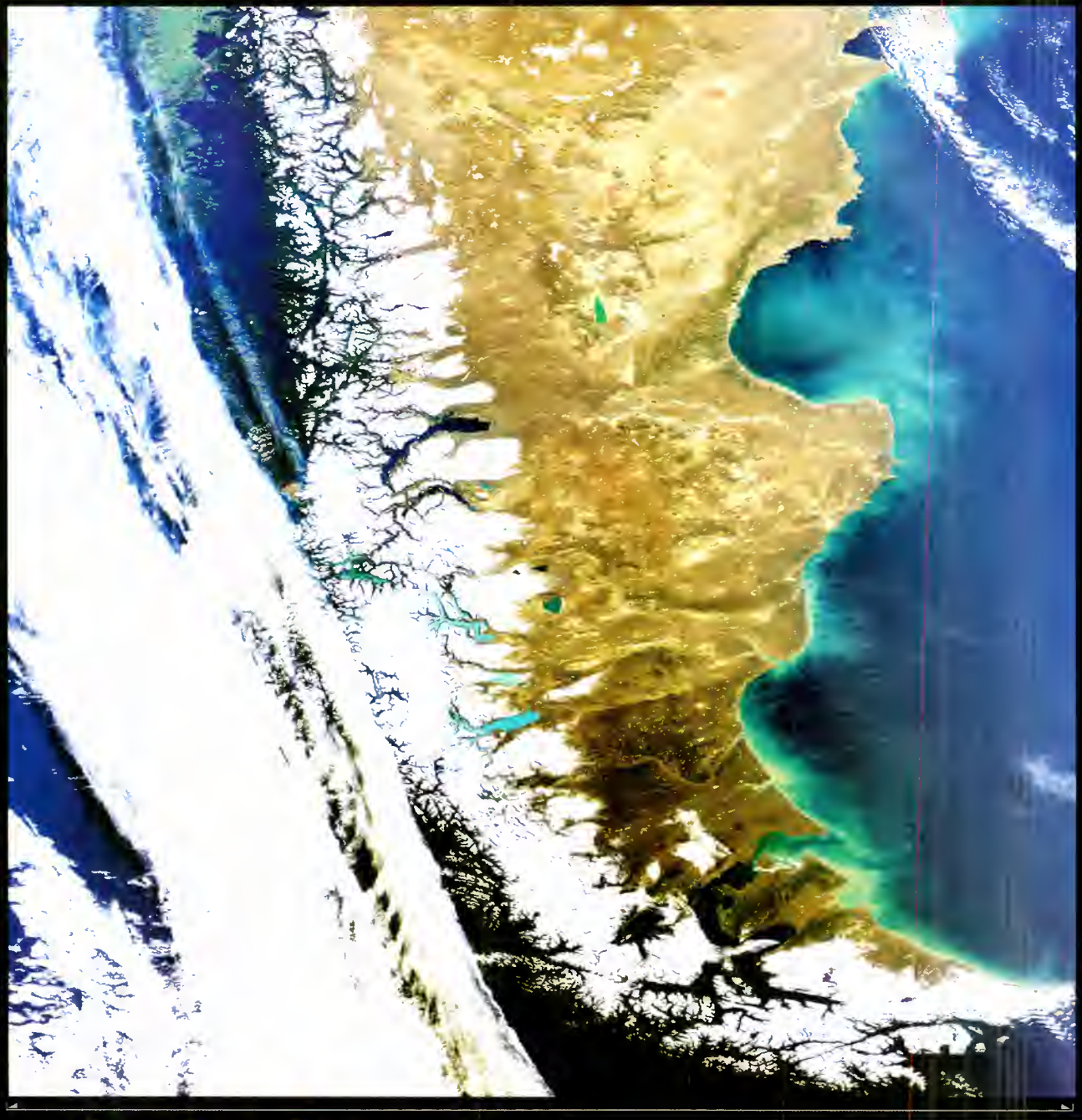


image width: 1300 km

***ENVISAT*** MERIS - 28 August 2003

## Pack Ice in the Foxe Basin, Arctic Canada



image width: 512 Km

*ENVISAT* AATSR - 28 January 2004

Delmarva Peninsula, Virginia, USA

image width: 13,4 km

**PROBA** CHRIS - 1 November 2004

# Rio de la Plata and Buenos Aires, Argentina

image width: 639 Km

***ENVISAT*** MERIS - 17 April 2004

# The Nile Delta, Egypt

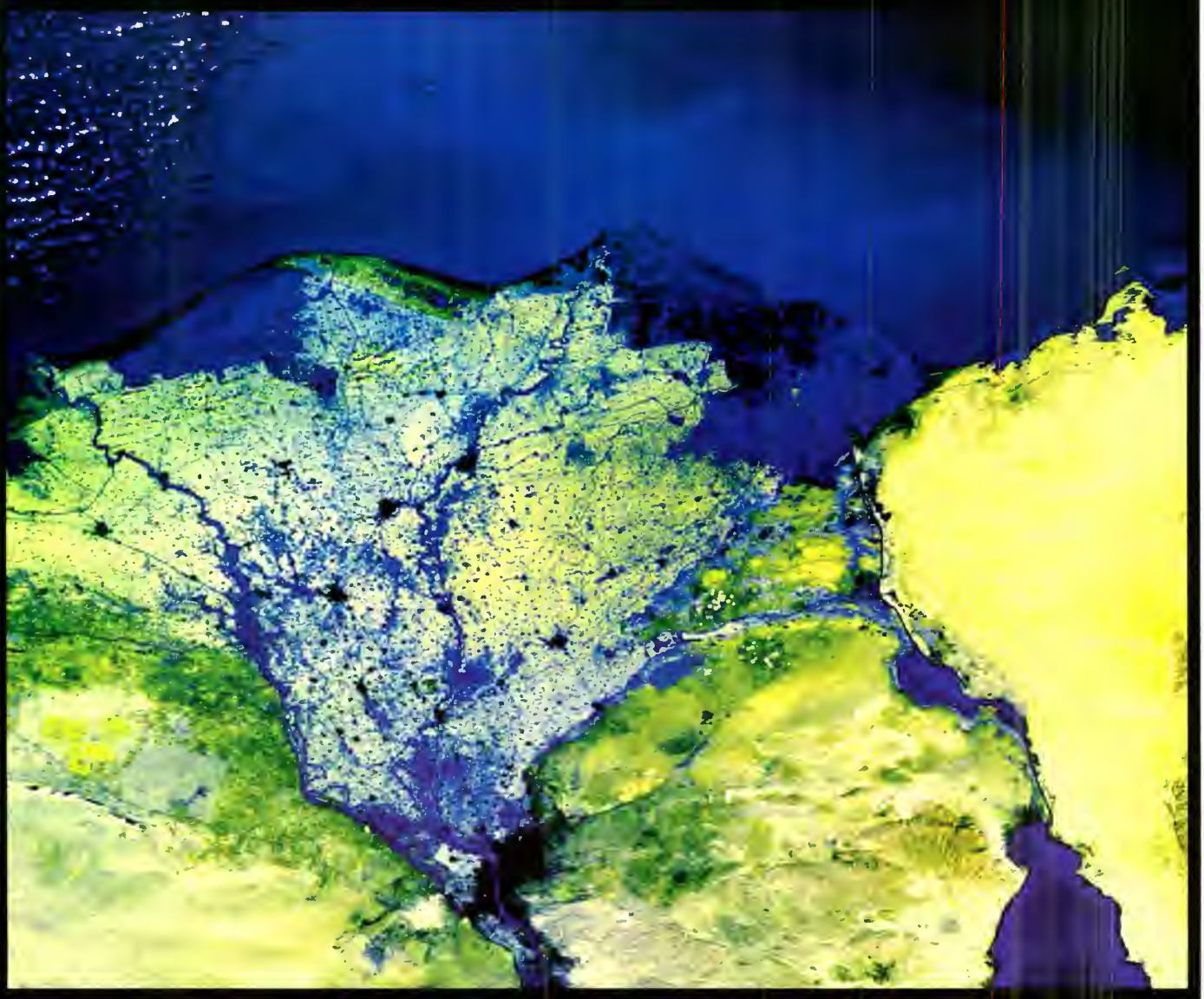


image width: 319,3 km

***ENVISAT*** MERIS - 1 March 2003

## Sharm-el-Sheik, Red Sea Coast, Egypt

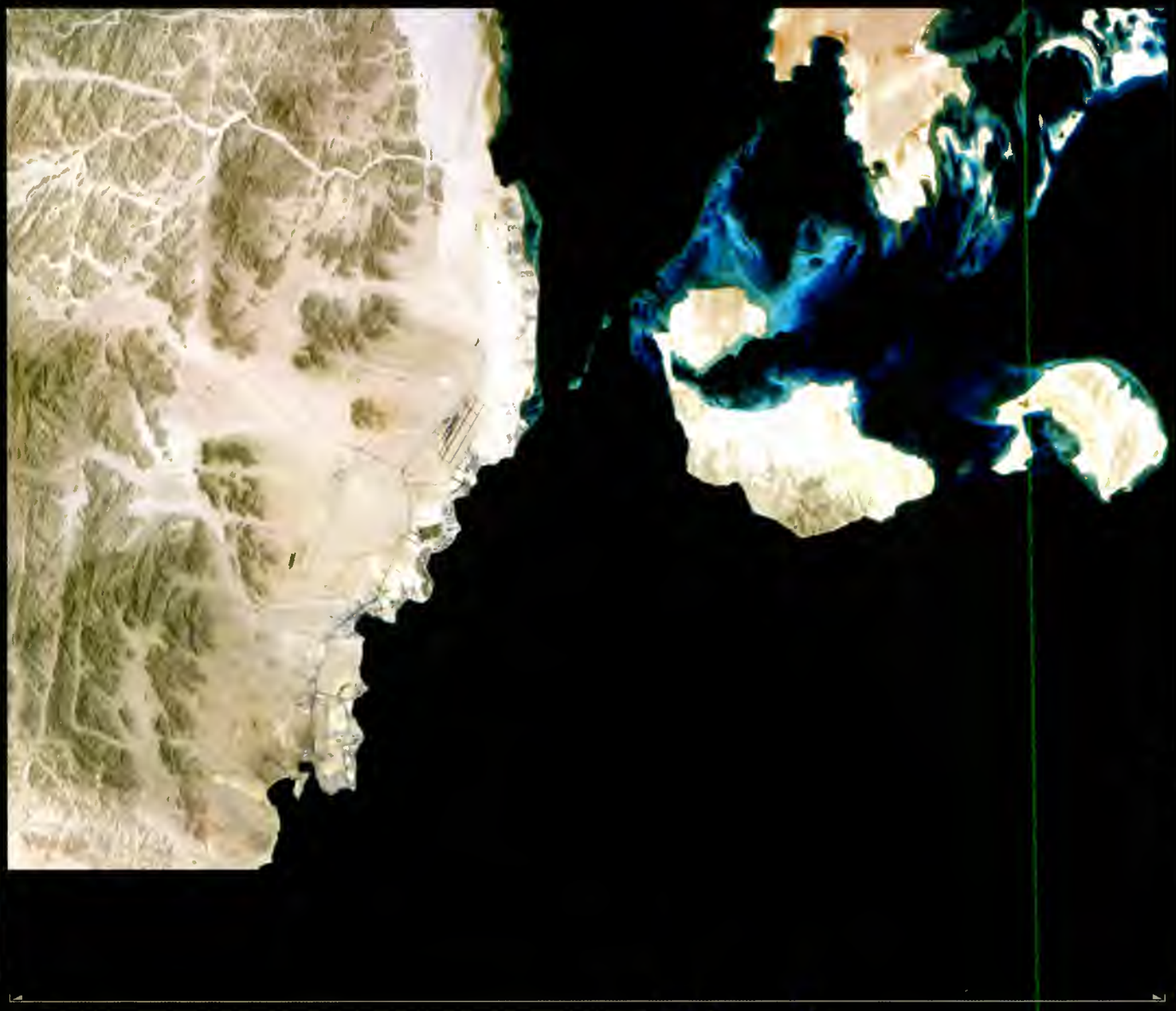


image width: unavailable

*LANDSAT* TM - 25 June 2004

# Beaufort Sea, Canada

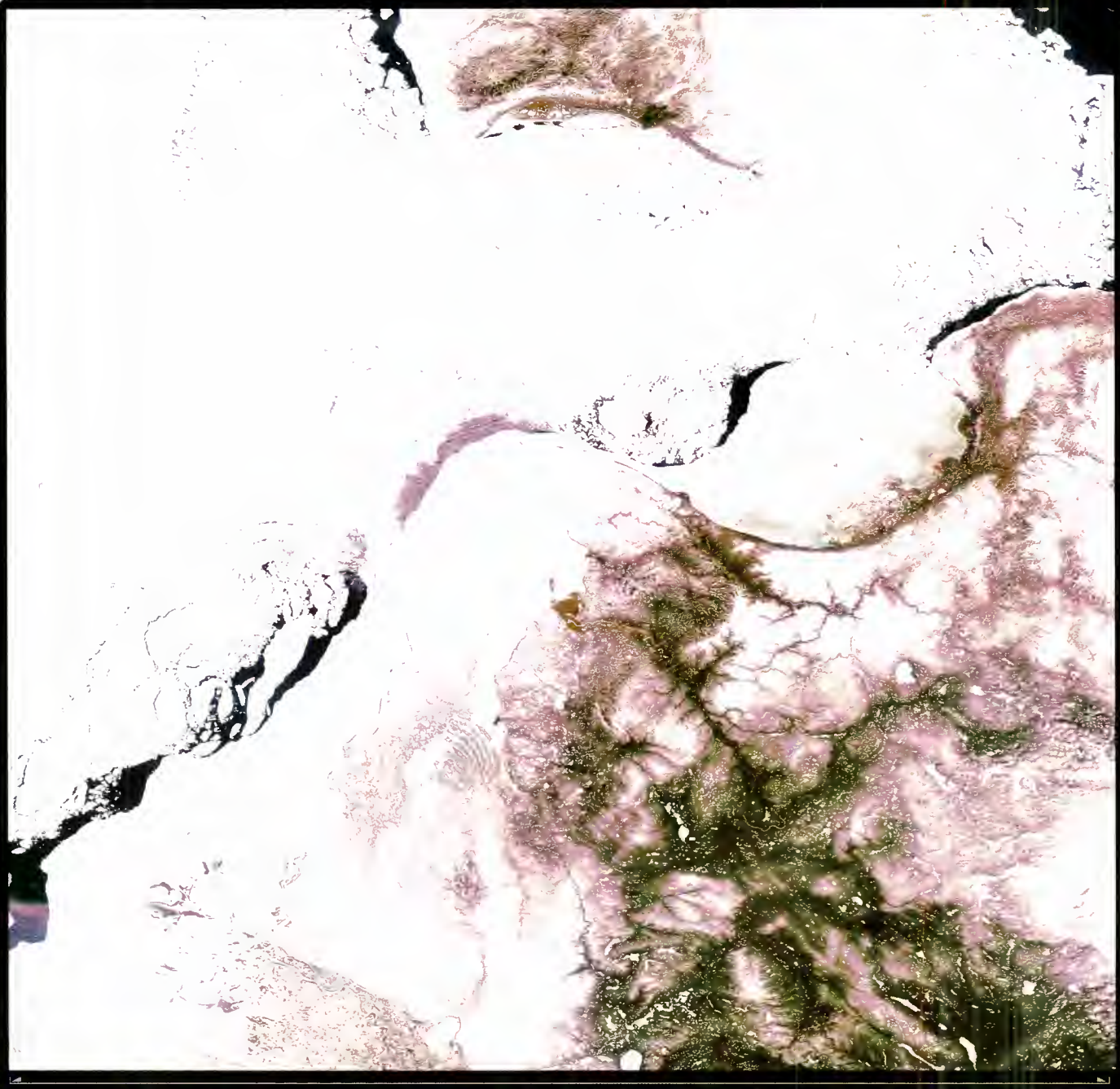


image width: 638 km

*ENVISAT* MERIS - 19 May 2006

## Conakry, Coast of Guinea

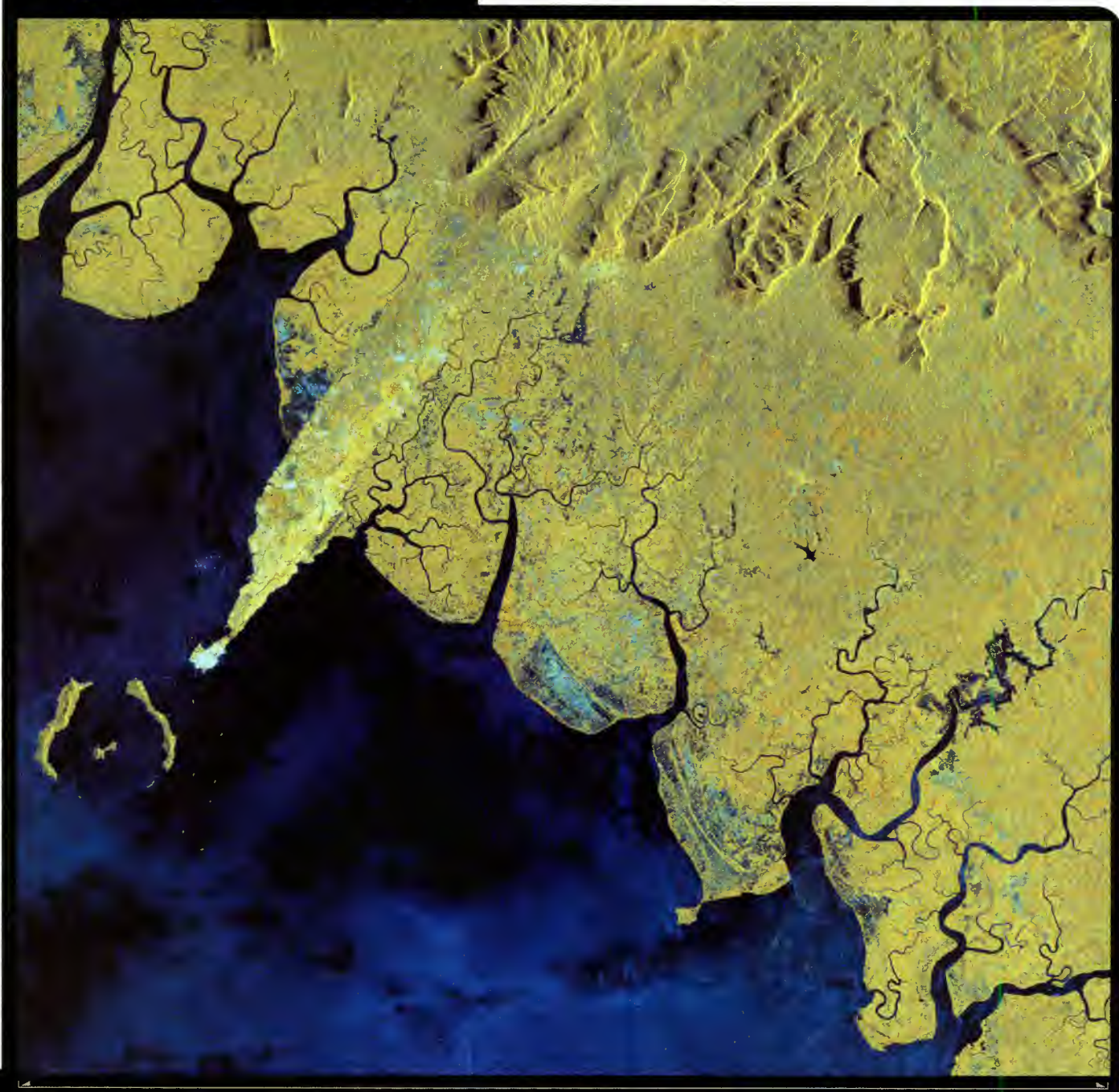


image width: 82,7 km

*ENVISAT* ASAR - 2 August 2003

# Atlantic Coastline of Senegal, Gambia and Guinea-Bissau

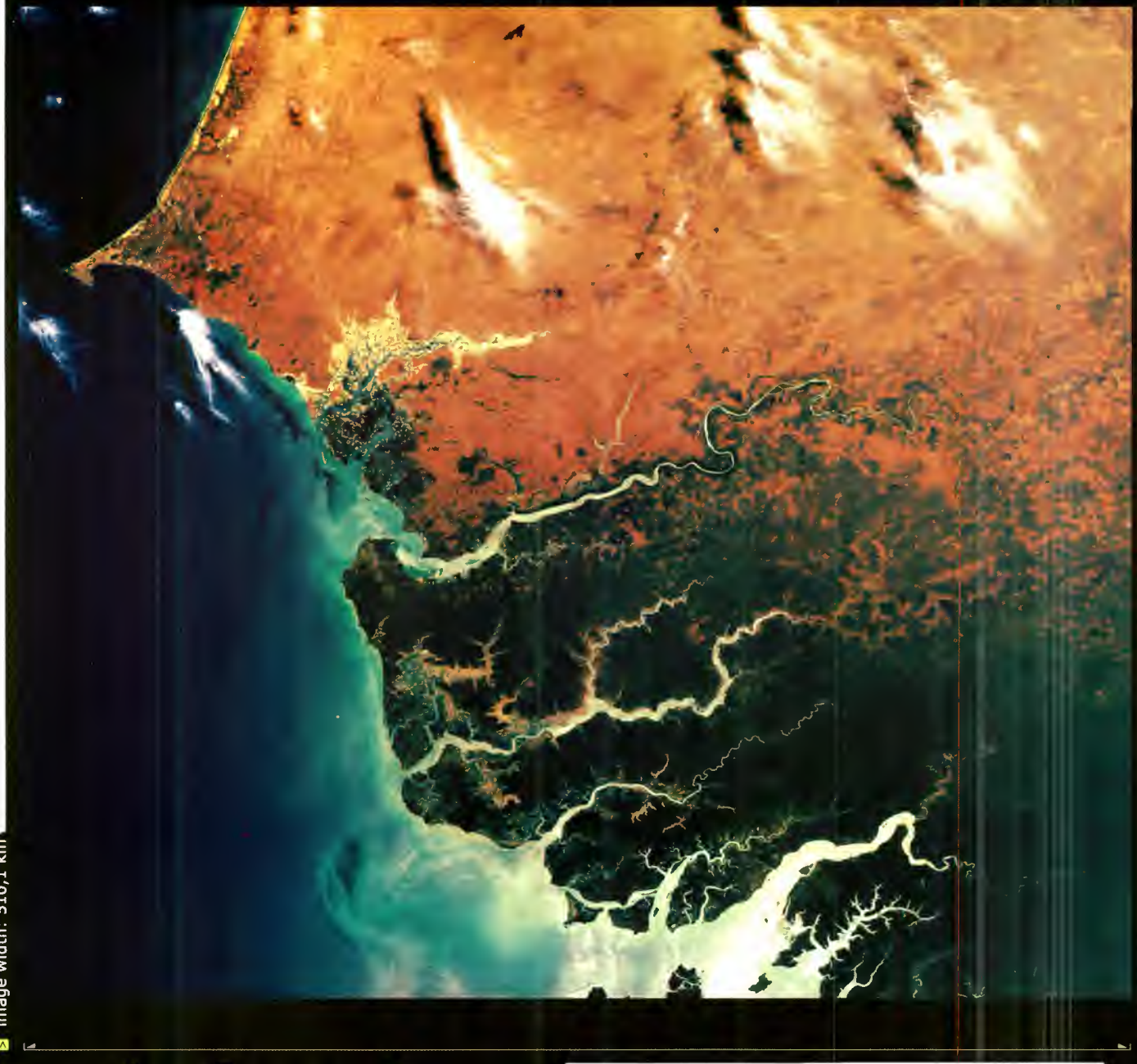


image width: 510,1 km

*ENVISAT* MERIS - 22 March 2002

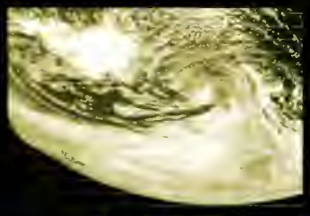
From a vantage point high above our planet, satellites are able to provide a truly **global picture** of the **Earth**. This space-borne information can be used to monitor and measure even small changes in our **Land**, **Sea** and **Atmosphere**.

Satellites can provide us with a wealth of information on some of the most remote and inaccessible areas of the Earth, for example **the Antarctic**, where the ability of some instruments to work independently of cloud-cover and poor light conditions has distinct advantages.

In the short term, data gathered in near-real time can provide the timely and precise information needed to effectively pinpoint and manage many natural disasters, for example tracking the path of a **hurricane**, the damage extent of an **earthquake**, or the "hot spots" of a **forest fire**.

In the long term, continuous and objective satellite monitoring helps identify and assess environmental trends evolving over longer time periods, for example changes in our **ozone layer**, a rise in our **sea levels** or any gradual ground **subsidence** in our cities.

Satellite data can provide independent, operational and relevant information to support a range of policies serving sustainable development, thus making a valuable contribution to our quality of life by ensuring a better **understanding** for the **security** and **benefit** of our planet.





# Earth from Space


> © SSTL through ESA 2006
> © LANDSAT through ESA 2005
> EUMETSAT

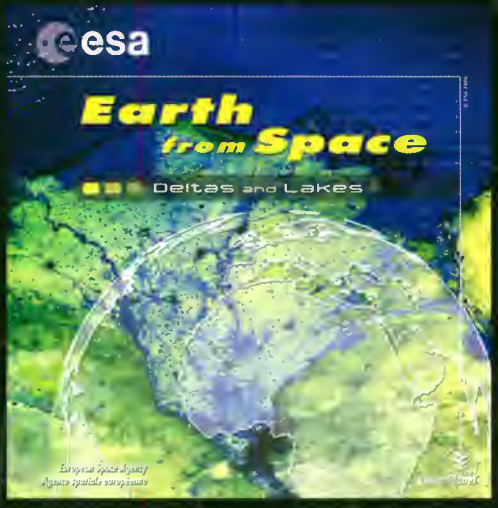
credits

CD images

CD

## Also in the same collection

- > ESA Member States
- > China
- > Morocco
- > Africa
- > Asia and Oceania
- > South America
- > North America
- > Deserts
- > Deltas and Lakes
- > European Union
- > Central Asia



www.esa.int

oceans and coastal zones