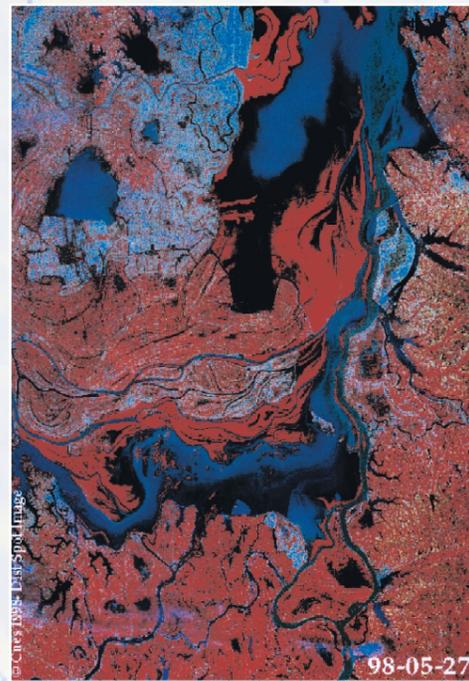


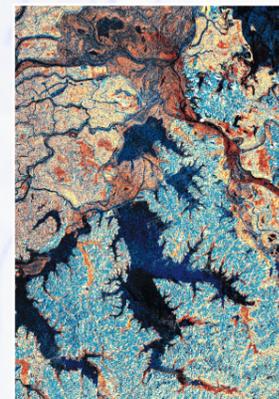
ANFAS – DATA FUSION FOR FLOOD ANALYSIS AND DECISION SUPPORT

The ANFAS project is developing a Decision Support System for flood prevention and protection, integrating the most advanced techniques in data processing and management. It will help decision makers to decide the most appropriate actions to take when there is risk of flooding: evacuation of the population, reinforcement of dikes, etc.



Satellite images of the Dongting lake in China during the 1998 summer flood.

Flood in Southern France 1999. The aim of the ANFAS project is to develop a simulation and prevention tool to limit flood damage.



Colour composition from radar images, Poyang Lake, 1995.

Pilot Sites

The ANFAS Information System will be applied and validated on three pilot sites: the Upper Vah River in Slovakia and the JingJiang reach along with the Dongting lake on the Yangze river in China will be used to set up the methods and the system; the Middle Loire valley in France will be used to validate and consolidate the developed approach.



Pilot site Vah river, Slovakia.

The Partners

- Bureau de Recherches Géologiques et Minières, France
- CLRC Rutherford Appleton Laboratory, United Kingdom
- IACM-FORTH, Greece
- INRIA, France
- Matra Systemes & Information, France
- Slovak Academy of Sciences, Institute of Informatics, Slovakia
- University of Reading, United Kingdom
- Chinese Academy of Sciences, Institute of Automation
- Chinese Academy of Sciences, Institute of Remote Sensing Applications
- Chinese Academy of Sciences, Institute of Atmospheric Physics
- Wuhan University, China
- Yangtse River Water Resources Commission, China

Duration

1 January 2000 - 31 December 2002

Budget

3 800 000 Euro

Funding Agencies

- European Commission
- Chinese Ministry of Science & Technology
- World Bank

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