Rheticus®
monitoring the evolution of our Earth

SATELLITE MONITORING FOR SMART AQUACULTURE

Determination of the optimal time for harvesting and selling

Monitoring of environmental parameters and risk mitigation

Optimization of aquaculture activities

Production site identification and monitoring
RHETICUS AQUACULTURE

Rheticus® Aquaculture provides aquaculture farmers with daily information designed for the optimal management of fish and shellfish farming activities in marine waters, aimed at increasing production and profitability. The main benefits include determining the optimal time for harvesting and selling products, by estimating the growth rates of livestock and monitoring sales prices on the markets.

KEY FEATURES

- Forecast of product growth and profitability trends
- Daily monitoring of environmental conditions: chlorophyll, temperature, turbidity, salinity, dissolved oxygen, significant wave height, current velocity
- Level of risk connected to unfavorable weather-marine and/or environmental conditions
- Service available by subscription through the Web portal www.rheticus.eu

"Thanks to Rheticus® service we are able to provide to aquaculture and fishing companies everyday accurate and reliable information about water quality parameters in our regions coastal area”

Serafim Tsipeles, Director of Water Directorate of Decentralized Administration of Epirus and Western Macedonia, Greece.

RHETICUS® SERVICES

- **Rheticus® Displacement**: Landslide detection and monitoring for land-use and infrastructure planning and management
- **Rheticus® Marine**: Monitoring of coastal water quality parameters: turbidity, chlorophyll and temperature
- **Rheticus® Wildfires**: Burnt area detection, fire severity classification, vegetation regrowth monitoring and detection of potentially illegal infrastructure activities within burnt areas.
- **Rheticus® UrbanDynamics**: Land cover monitoring

Live DEMO and services on [www.rheticus.eu](http://www.rheticus.eu)