

CURRICULUM

Colombo Roberto is graduated in Earth Science at the University of Milan, Italy, in 1991. He wrote his thesis on the use of remotely sensed data for geomorphological mapping of the inland delta of the Niger River in Mali. From 1994, he collaborated with the Istituto Agronomico per lâOltremare in Florence and he was involved in the hydrological modelling of the Mareb River in Eritrea by combining satellite images and field data. From 1996 to 1999 he worked at the Remote Sensing Department of the CNR, in Milan, in researches regarding the use of remotely sensed data for the determination of energy balance components. From 1999 to 2002, he conducted researches at the DG Joint Research Centre, European Commission in Ispra, Italy, for developing methodologies for extracting river networks and catchment boundaries by combining DEMs and environmental parameters at pan European scale. From 2003-2004 he operated as Adjunct Professor at the Department of Environmental Sciences, University of Milano Bicocca. Currently, is Professor of Remote Sensing, leading the LTDA activities and the main research interest is to develop remote sensing tools for quantitative estimation of land surface properties. In this respect, he works with a wide range of Earth Observation data at different scales and geophysical methods, assimilating multi-source, multi-spectral and multi-temporal remote sensing data, from field to satellite level for modelling terrestrial and environmental dynamics.