



## **CORSiCA Atmospheric Observatory: Intense activities in 2012 in the frame of HyMeX and ChArMEx**

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In the western Mediterranean basin, Corsica Island is at a strategic location for atmospheric studies in the framework of the Mediterranean projects HyMeX (Hydrological Mediterranean Experiment; <http://www.hymex.org/>) and ChArMEx (the Chemistry-Aerosol Mediterranean Experiment; <http://charmex.lsce.ipsl.fr/>) developed under the umbrella of the programme MISTRALS (Mediterranean Integrated Studies at Regional and Local Scales; <http://www.mistrals-home.org>). The development of a multi-sites instrumented platform located on this island is the core of the project CORSiCA (Corsican Observatory for Research and Studies on Climate and Atmosphere-ocean environment). CORSiCA is operated in the framework of the HyMeX and ChArMEx Long Observation Period (LOP), Enhanced Observation Period (EOP) and Special Observation Periods (SOP).

In the present communication we will focus on the scientific objectives and describe the diversity of observations that have been performed by many institutes in Corsica in the frame of 2012 campaigns including HyMeX Special Observation Period 1 in autumn, ChArMEx pre-campaign and VESSAER in summer. Results from these campaigns will be illustrated and projects for future campaign activities and long-term monitoring in the framework of the CORSiCA Atmospheric Observatory will be presented (more details can be found in other more specific presentations).

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