



Program for Prediction, Prevention and Mitigation of Forest Fire and Flood risk in Albania

C. Centoducati (1), L. D'Angelo (), M. Deda (), L. Ferraris (), E. Fiori (), M. Gjonaj (), S. Kelmendi (), M. Massabò (), A. Olli (), and F. Siccardi ()

(1) Department of Civil Protection, Presidency of the Council of the Ministers, Republic of Italy, (2) General directorate for Civil Emergency, Ministry of Interior, Republic of Albania, (3) CIMA Research Foundation Albania, (4) CIMA Research Foundation, Italy, (5) Institute of Geoscience, Energy, Water and Environment,(IGEWE) Polytechnic University of Tirana, Albania

The rationale lying behind the program jointly managed by the Albanian and the Italian Civil protections is that of strengthening the Albanian National System for the prediction and prevention of forest fires and flooding. This is an initiative of the Italian government aimed at implementing in Albania the systems currently used by the Italian National "Functional Centers". The "Functional Centers" are the Operations Centers in charge for assessment forecasting, and surveillance of natural and man-made risks and represent a key component of the Italian Civil Protection System.

CIMA Foundation is acting in its capacity as Executing Agency of the Italian Department of Civil Protection (DPC) in the framework of the International Cooperation between the two Countries. CIMA Foundation has been founded by DPC and the University of Genoa with the aim of advancing the scientific research and technical development, high profile engineering and environmental science education, whose ultimate goal is to guarantee public health and safety as well as to safeguard land and sea ecosystems.

The "Program for Prediction, Prevention and Mitigation of Forest Fire and Flood risk in Albania" addresses four objectives: Object 1- to establish a National Center for Forecasting and Monitoring of Natural Risk/National Functional Center, a National Operations Center and two Regional Operations Centers; Object 2 to design and to implement an intensive training programme for risk assessment and management; Object 3 – to adapt the Italian Early Warning System for forest fires to the whole Albanian territory; Object 4 – to adapt the Italian Early Warning System for flooding to the Buna river and the Shkodra region, the latter recently affected by two disastrous floods.