INGV ANNALS OF GEOPHYSICS

COST 296 MIERS: Mitigation of Ionospheric Effects on Radio Systems

Alain Bourdillon, Ljiljana R. Cander, Bruno Zolesi

Abstract

The COST 296 Action MIERS (Mitigation of Ionospheric Effects on Radio Systems) within the ionospheric community has the objectives, embodied in the Memorandum of Understanding (MoU), to develop an increased knowledge of the effects imposed by the ionosphere on practical radio systems, and the development and implementation of techniques to mitigate the deleterious effects of the ionosphere on such systems. This introductory paper summarizes briefly the background and historical context of COST 296 and outlines the main objectives, working methods and structure. It also lists the participating countries and institutions, the Management Committee (MC) Meetings, the Workshops, Short-term Scientific Missions. In addition, the paper discusses the dissemination activities and the collaboration among the participating institutions and researchers, before outlining the content of the Final Report.

Keywords

Ionospheric physics and propagation – COST action

Full Text:

PDF

References

DOI: https://doi.org/10.4401/ag-4560

Published by INGV, Istituto Nazionale di Geofisica e Vulcanologia - **ISSN:** 2037-416X

Ljiljana R. Cander
STFC, Rutherford Appleton Laboratory, Chilton, UK

Bruno Zolesi
Istituto Nazionale di Geofisica e Vulcanologia, Roma

KEYWORDS

Central Italy Earthquake GPS Historical seismology Ionosphere Irpinia earthquake Italy Mt. Etna Seismic hazard Seismic hazard assessment Seismology UN/IDNDR earthquake earthquakes historical earthquakes ionosphere magnetic anomalies paleoseismology seismic hazard seismicity seismology