



PROJECT: Emergency Initiative for Vulnerable Populations in Herat and Neighbouring Areas

YEAR: 2014

COUNTRY: Afghanistan

CLIENT: Intersos NGO

DESCRIPTION

The project was aimed to create a set of tools and to implement activities to improve the ability to prevent and cope with natural disasters in the villages of the regions of Herat, Baghdis e Farah. Project local partner is ANDMA, (Afghanistan National Disaster Management Authority). GISMAP activities concerned the production of a user-friendly system for enter, update, browse and analyse GIS collected data for each censused village.

Data collected by ANDMA through questionnaires over about 1500 villages concern demographic aspects, governance, infrastructures, natural resources, livelihood, education, health, hazards, vulnerable locations and response capacities. The Data Management System allows the storage and the analysis of such data through custom forms and their import into a GIS for the production of thematic maps.

The tools provided to ANDMA represent the first step of process toward the development of a national database of risk assessment and the build-up of a spatial analysis system for disaster prevention.

In order to ensure the sustainability of the initiative, all data management and GIS tools were developed using Open Source software.

Furthermore, a wide on-site training activity was provided as well, with production of technical documentation.

Thanks to the collaboration of the University of Herat and the University of Pisa, final results have been published as University thesis.

