



## **Does the Rain fall in our heads?**

M. E. G. Costa (1) and M. A. S. Rodrigues (1,2)

(1) Agrupamento de Escolas de Góis; Avenida Luís de Camões nº2, 3330-334 Góis, Portugal (esperanca.costa@gmail.com; monica.a.rodrigues@hotmail.com), (2) Physics Department, University of Aveiro, Aveiro. (monica.a.rodrigues@ua.pt)

In our school the activities linked with sciences are developed in a partnership with other school subjects. Interdisciplinary projects are always valued from beginning to end of a project. It is common for teachers of different areas to work together in a Science project. Research of English written articles is very important not only for the development of our students' scientific literacy but also as a way of widening knowledge and a view on different perspectives of life instead of being limited to research of any articles in Portuguese language.

In this work, we are going to study the rainfall trends in our council (Góis, Portugal). The use of the analyses of long-term time series of rainfall becomes imperative to evaluate variability and tendency of the climate in secular time series. These, in turn, result in a better understanding of the regional climate, allowing a prognosis of the future climate which is of extreme importance in managing the natural and hydro resources and for planning human activities through scenarios and their impact. This work consists of analysis of long-term observed rainfall series for the council of Góis.