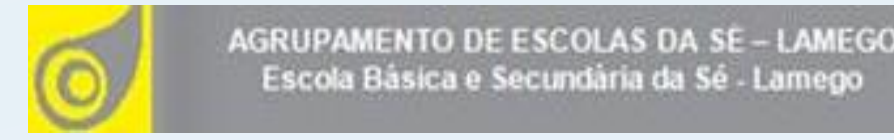


# Projects in Middle and High Education to participate in the Young Geoscientists Congress

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## Goal

- To disclose and to highlight the importance of the participation in the Young Geoscientists Congress, and to reveal work methodologies.

## Young Geoscientists Congress

- An initiative of the Department of Earth Sciences, University of Coimbra, Portugal, started in the academic year 2005/2006.
- To promote working relationships and collaboration between teachers and students of middle and high schools and professors of this university education institution.
- Young students are the recipients of the Congress, which seeks to improve their skills in order to promote the scientific literacy and development as citizens.

## Participation in the Young Geoscientists Congress

### Pre-congress phase

- The project is planned with the definition of the working group, the specific theme and the methodology, followed by its development.
- The final product is a scientific abstract from which a scientific poster is built.

### Congress phase

- The students make their poster and/or oral communications.
- Participants can benefit from fieldwork and laboratory activities, mineral fairs or exhibitions.

### Post-congress phase

- Projects are presented to the local educational community with initiatives such as lectures, exhibitions at science fairs, on the web page, school newspaper and in the local and regional press.
- In one of the editions there was also an opportunity to publicise the projects on a national broadcast radio.

## Work methodologies

- Fieldwork and laboratory activities.
- Work project.
- Bibliographic research.
- Documentary analysis.
- Qualitative and quantitative analysis.

## “Messages to take home”

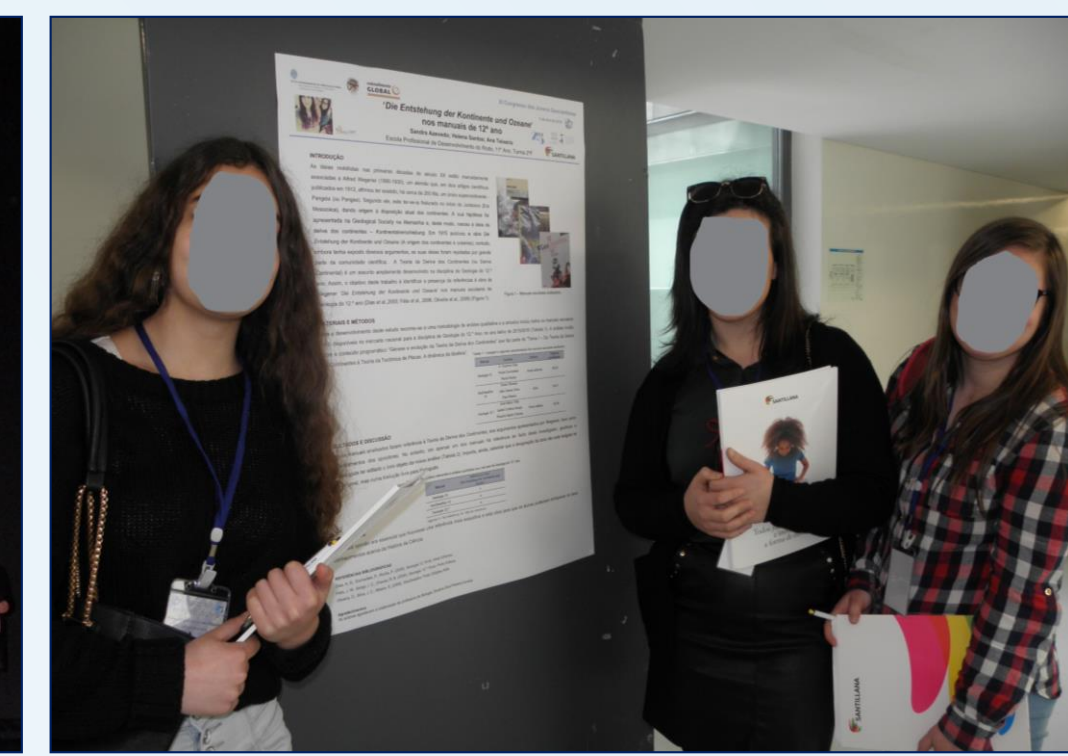
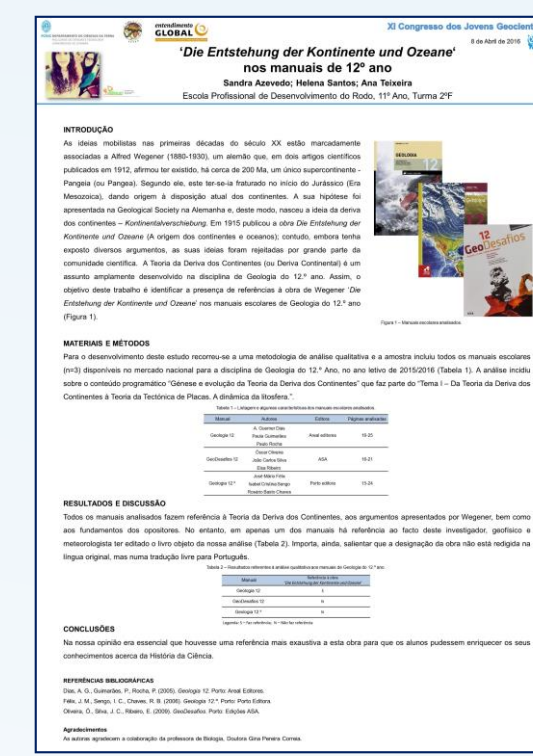
- This activity motivates the students to study the sciences contributing, simultaneously, to solve problems of their daily lives, acquisition of knowledge and development of skills.
- The development of projects of this type, taking into account the curriculum and the potentialities of the region where the schools are inserted, is considered an innovative and motivating strategy to be implemented in middle and high schools, in Science Education in general and Geosciences in particular.

### Edition/YGCTheme

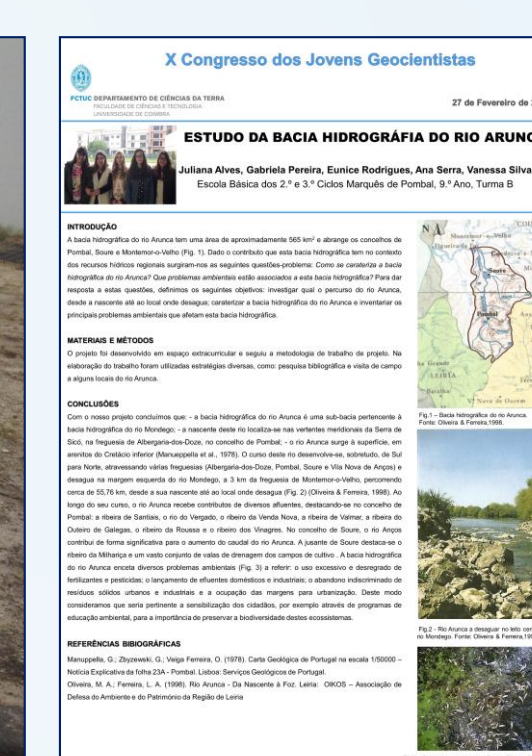
#### 2018 – The Earth on the Solar system



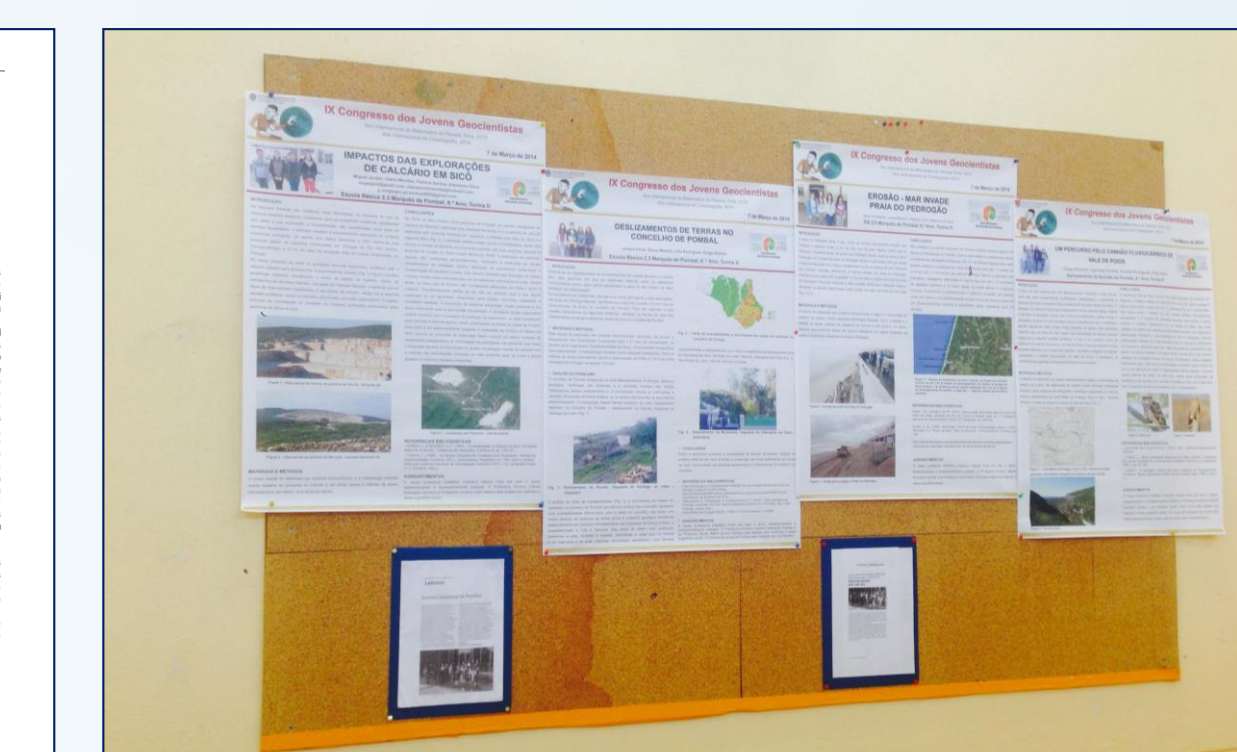
#### 2016 - Celebrating 100 Years of Continental Drift



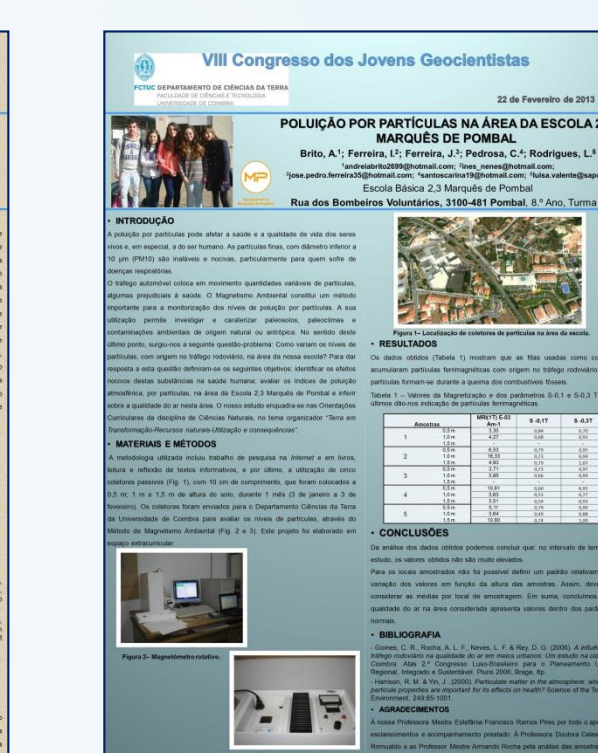
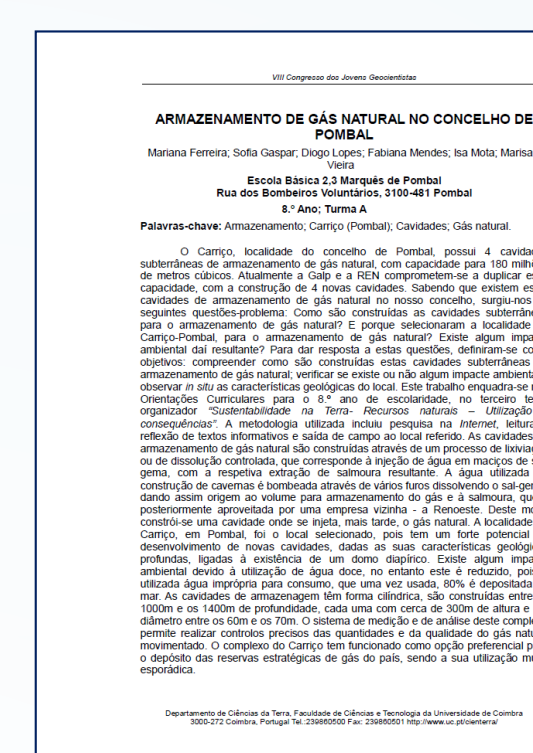
#### 2015 - International Year of Crystallography (2014) and the Light (2015)



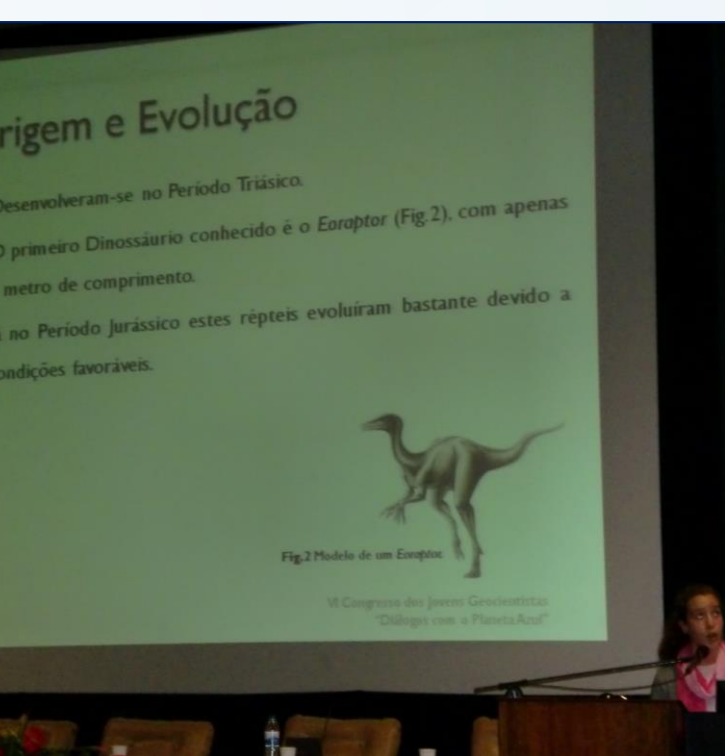
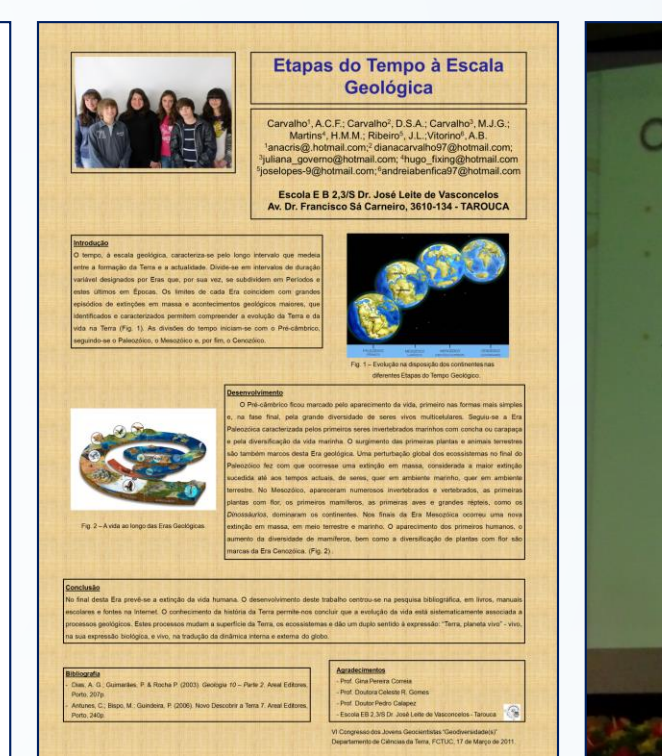
#### 2014 - Let's ask the Earth



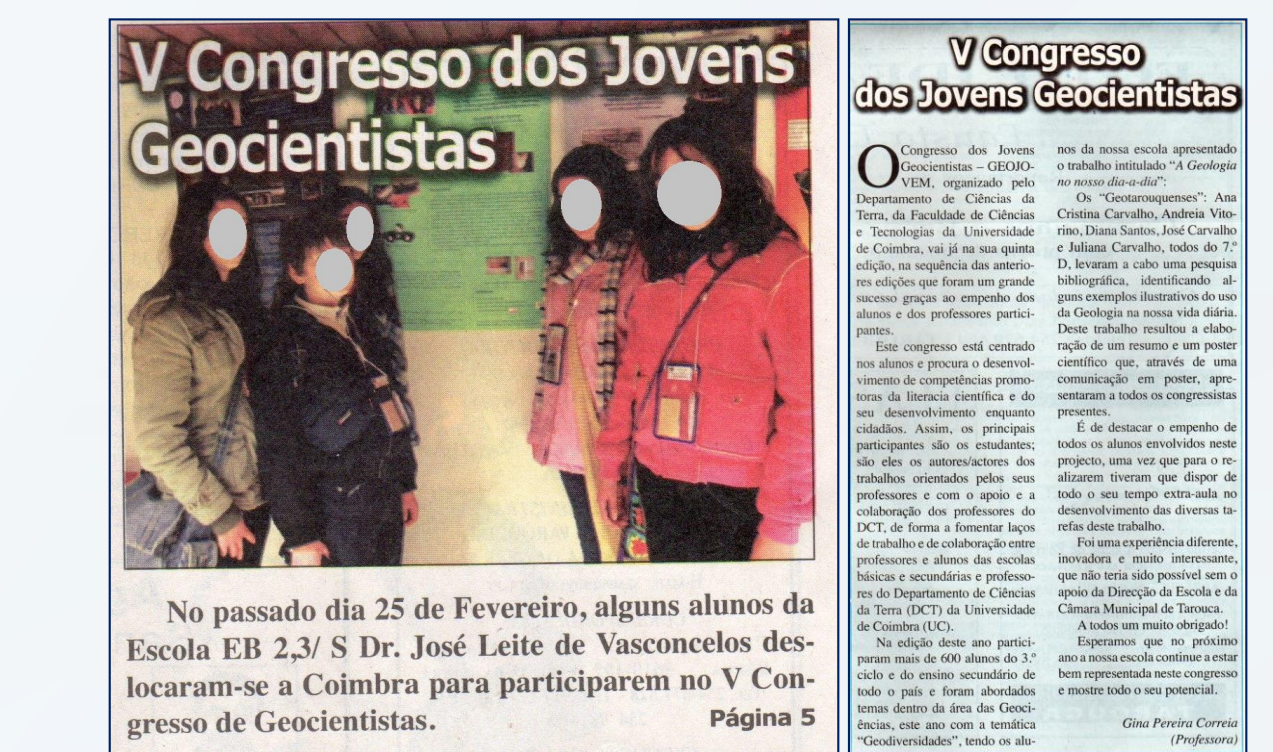
#### 2013 - Geosciences and society



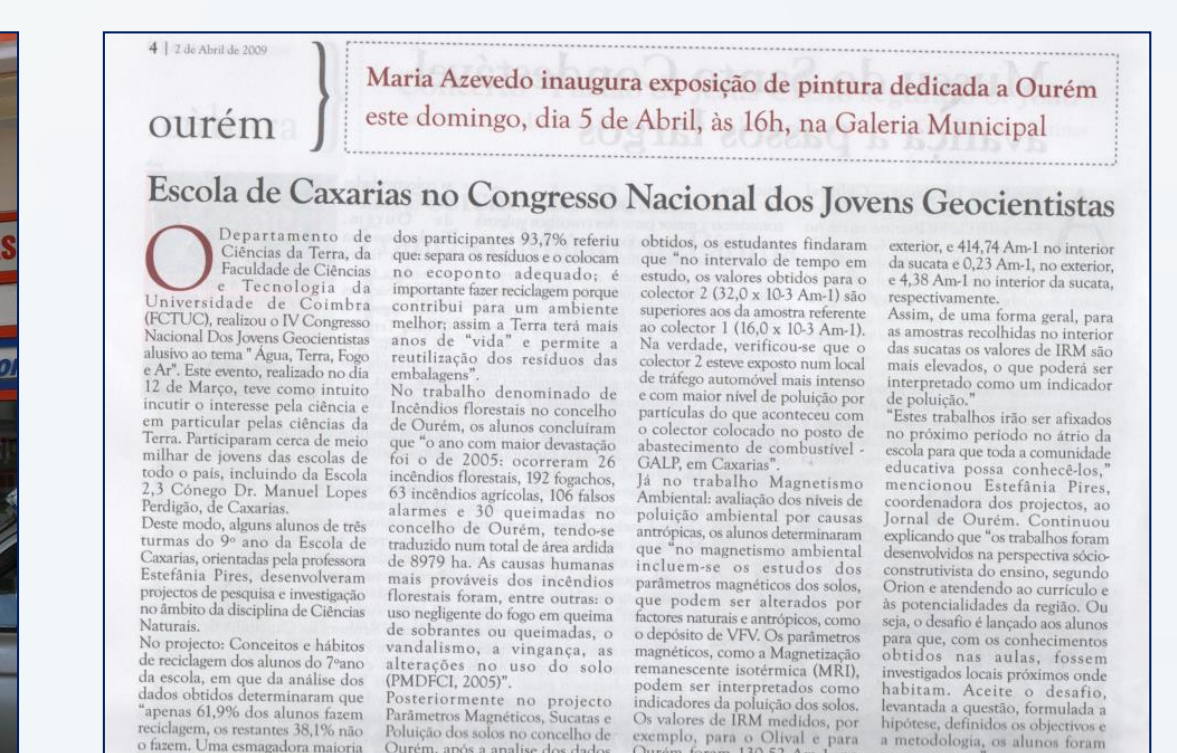
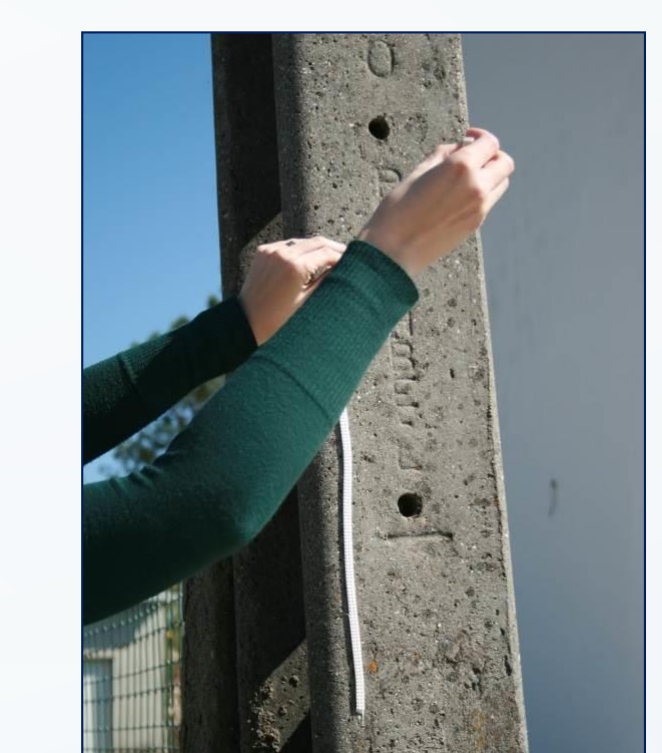
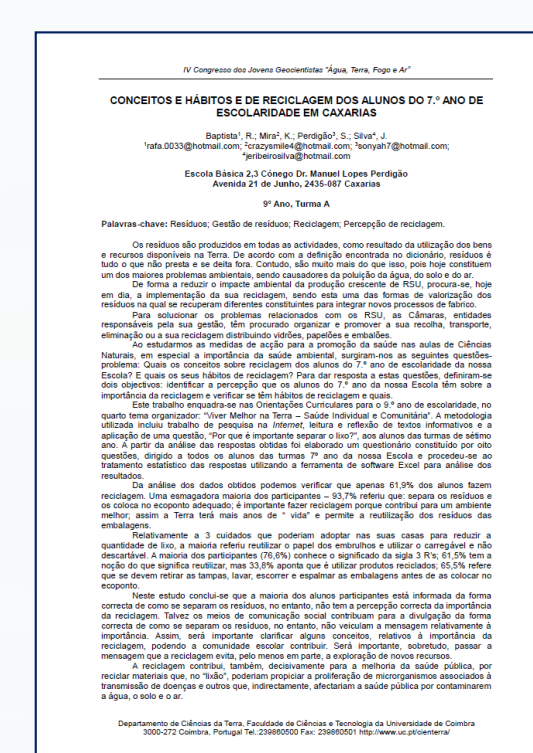
#### 2011 - Dialogues with the blue planet



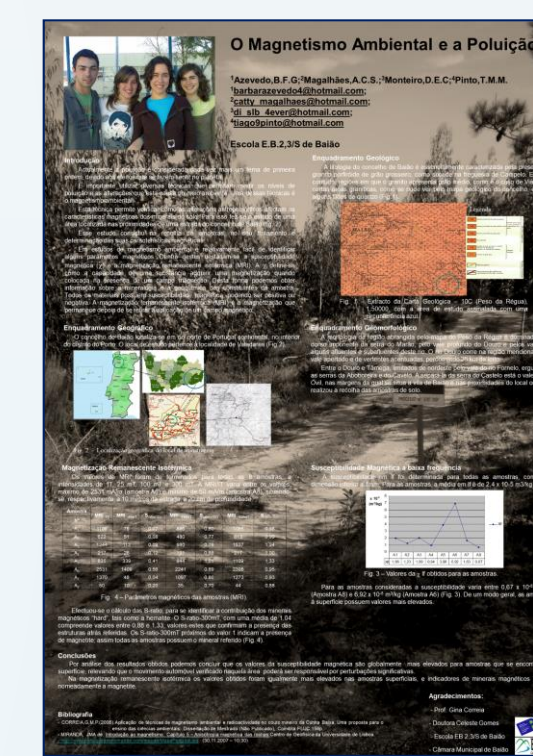
#### 2010 - Geodiversity



#### 2009 - Water, Earth, Fire and Air



#### 2008 - The Earth Planet



#### 2007 - Lands in the sun

