

Sustainability in georesources management: the importance of an updated school system to face the new challenges connected to mining activities

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In recent decades, the **ENVIRONMENTAL, SOCIAL AND ECONOMIC ASPECTS CONNECTED TO GEORESOURCES MANAGEMENT** have come to the forefront. It is very important "rethink" of "our" way of producing and consuming in an intergenerational perspective.

The goal is to move **TOWARDS A MORE SUSTAINABLE SOCIETY** → fundamental to involve developed and developing countries in this **NEW APPROACH**.

A **CHANGE IN HUMAN ATTITUDES** starts with a proper **TRAINING AND EDUCATION** for all the subjects involved in georesource management, and in particular for students.

Sustainability



Responsibility



Eco-compatibility

SUSTAINABLE
SUGERE
AND WISE USE
OF GEOLOGICAL
RESOURCES

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An example based on **IMPROVING CAPACITY BUILDING** for the sustainable use of georesources is **SUGERE** (Sustainable Sustainability and Wise Use of Geological Resources) project.

Main goals are:

- the **INTERNATIONAL STANDARDIZATION OF UNIVERSITY TRAINING AND TEACHING ACTIVITIES** concerning **EARTH SCIENCES** and **MINING ENGINEERING**
- promotion of a **MORE RESPONSIBLE AND SUSTAINABLE USE OF GEORESOURCES**.

Thanks to SUGERE project, a strong **RESEARCH AND TRAINING NETWORKS BETWEEN EUROPEAN** (Portugal, Spain, Italy) **AND NON-EUROPEAN** (Capo Verde, Angola and Mozambique) **UNIVERSITIES** interested in mining issues have been set up.

The **CULTURE OF SUSTAINABILITY** and the **DEEPENING OF SKILLS IN THE FIELD OF GEOMINING** form the basis for the **DEVELOPMENT OF CRITICAL THINKING**, which is necessary for the resolution of local problems, to the **ACQUISITION OF ETHICAL VALUES** and **TECHNICAL SKILLS** that underpin sustainable development.

