



The 2nd Huangshan Dialogue on UNESCO Sites and Sustainable Development

— UNESCO Sites • Climate Change • Space Technologies

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The 2030 Agenda for Sustainable Development: the contribution of the UNESCO Global Geoparks – the example of the Educational Program “GEA – Mother Earth”

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Portuguese National Commission for UNESCO



Comité Nacional
para o Programa
Internacional de
Geociências (IGCP)
Portugal



Organização
das Nações Unidas
para a Educação,
Ciência e Cultura
Fórum Português
de Geoparques
Mundiais da
UNESCO



United Nations
Educational, Scientific and
Cultural Organization
Man and
the Biosphere
Programme

Portuguese National
Committee for MAB
Programme



For UNESCO, the Global Education Agenda (Education 2030) is part of the 17 United Nations Sustainable Development Goals (SDGs) that make up the Agenda 2030 for Sustainable Development



The Global Goals
and targets aim to
stimulate action
over the next fifteen
years based on five
pillars: People,
Planet, Prosperity,
Peace and
Partnership



UNITED NATIONS

TRANSFORMING OUR WORLD:



THE 2030 AGENDA FOR
SUSTAINABLE DEVELOPMENT



SUSTAINABLE DEVELOPMENT GOALS

17 GOALS TO TRANSFORM OUR WORLD

<p>1 NO POVERTY</p>	<p>2 ZERO HUNGER</p>	<p>3 GOOD HEALTH AND WELL-BEING</p>	<p>4 QUALITY EDUCATION</p>	<p>5 GENDER EQUALITY</p>	<p>6 CLEAN WATER AND SANITATION</p>
<p>7 AFFORDABLE AND CLEAN ENERGY</p>	<p>8 DECENT WORK AND ECONOMIC GROWTH</p>	<p>9 INDUSTRY, INNOVATION AND INFRASTRUCTURE</p>	<p>10 REDUCED INEQUALITIES</p>	<p>11 SUSTAINABLE CITIES AND COMMUNITIES</p>	<p>12 RESPONSIBLE CONSUMPTION AND PRODUCTION</p>
<p>13 CLIMATE ACTION</p>	<p>14 LIFE BELOW WATER</p>	<p>15 LIFE ON LAND</p>	<p>16 PEACE, JUSTICE AND STRONG INSTITUTIONS</p>	<p>17 PARTNERSHIPS FOR THE GOALS</p>	

Education is also included in goals on health, growth and employment, sustainable consumption and production and climate change.

In this context, education at all levels is at the core of the UNESCO Global Geoparks (UGG) concept.



In fact, the UNESCO Global Geoparks contribute for the formal, non-formal and informal education by sharing accumulated scientific and cultural knowledge about their territories



Geoparks assume a particular responsibility to contribute for the literacy of all those who visit these territories, being aware that the acquisition of literacy skills requires sustained learning and application in given context



Bearing in mind the motto "**Geosciences in the Service of Society**", this program is based on school contests, focused in geosciences themes, itinerary exhibitions and training courses mainly for teachers, but including also UNESCO Global Geoparks and Biosphere Reserve staff members



Currently, in its fifth edition, it has been promoted among schools of the territories of the Portuguese Biosphere Reserves and Geoparks, and also in various municipalities in Portugal, including all schools of the Madeira Autonomous Region, involving more than 25,000 students

DESASTRES NATURAIS

COMO MINIMIZAR OS RISCOS E SABER CONVIVER COM ELES

CONCURSO ESCOLAR 2015 | 2016

GEA TERRA MÃE

AROUÇA GEOPARQUE
ADRI-MAG
AROUÇA
FURNAS DO SERPENTE
GEOPARQUES FORTALECIDOS
entramentado GLOBAL

www.geoparquearouca.com

This poster features a stylized illustration of a landscape with a volcano, trees, and houses. A hand is shown holding a globe, symbolizing the 'Terra Mãe' (Mother Earth) theme. Logos of various geoparks and the 'entramentado GLOBAL' logo are listed at the bottom.

DESASTRES NATURAIS COMO MINIMIZAR OS RISCOS E SABER CONVIVER COM ELES – QUE SOLUÇÕES?

SECRETARIA REGIONAL DO AMBIENTE E RECURSOS NATURAIS

GEA – TERRA MÃE

CONCURSO ESCOLAR ANO LETIVO 2015/2016

Região Autónoma da Madeira
Secretaria Regional do Ambiente e Recursos Naturais

Comissão Nacional de UNESCO - Portugal
Portuguese National Commission for UNESCO

Comité Nacional para o Programa Internacional de Geociências (ICGP) Portugal

Região Autónoma da Madeira
Secretaria Regional de Educação

MAIS INFORMAÇÕES CONSULTA O REGULAMENTO DO CONCURSO EM <http://www.madeira.gov.pt/sra>

This poster shows a hand holding a large, textured rock. It includes logos for the Madeira Region's Environment and Natural Resources Secretariat, UNESCO Portugal, and the ICOP Portugal. A URL for more information is provided at the bottom.

2015 Ano Internacional dos Solos

Concurso Escolar III edição

GEA TERRA MÃE
Água que nos UNE

Para mais informações consulte o site da internet: azoresgeopark.com

É o SOLO que sustenta a VIDA!

Comissão Nacional de Geociências (ICOP) Portugal
Região Autónoma da Madeira
Secretaria Regional de Educação

This poster features a silhouette of a family standing in a field with trees. A water drop contains a globe. The text emphasizes the importance of soil for life. Logos for ICOP Portugal and the Madeira Region's Education Secretariat are present.

By creating awareness and looking for possible solutions, teachers and students have been involved in several educational projects based in different multidisciplinary approaches. In this sense, the themes of the training courses focus different topics such as education for sustainable development, climate change, geohazards, water, desertification, evolution of life and biodiversity and geosciences for society



By promoting an **Education for Sustainable Development**, this program also aims to motivate the **implementation of the 17 Sustainable Development Goals in the UNESCO Global Geoparks and Biosphere Reserves territories**, giving especial attention to the **Goal 17**



GOAL 17

STRENGTHEN THE MEANS OF IMPLEMENTATION AND
REVITALIZE THE GLOBAL PARTNERSHIP FOR
SUSTAINABLE DEVELOPMENT

SUSTAINABLE DEVELOPMENT GOALS
More at sustainabledevelopment.un.org/sdgsproposal



**17 PARTNERSHIPS
FOR THE GOALS**

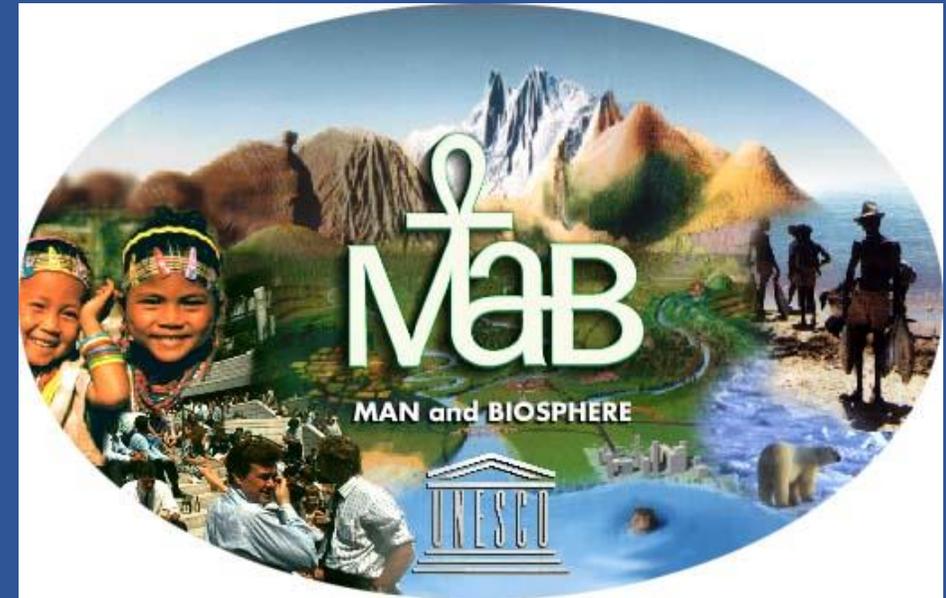
That is why this program has also been extending to the Portuguese speaking countries, mainly in Cape Verde and Brazil.



The educational Programme “GEA – Mother Earth” has also contributed to the promotion of the UNESCO Global Geoparks Programme and to disseminate many UNESCO thematics such as Education for Sustainable Development and Geoethics



In conclusion, through this educational program, **it is possible to link Geosciences to Society** and to contribute to the achievement of the **17 Sustainable Development Goals**, hoping this way to increase the number of partners coming from other different UNESCO Global Geoparks and Biosphere Reserves and other UNESCO Networks.



Its a work of generations , full of challenges but worthwhile if we want to live in a better world and have a future in this wonderful planet that is our home!



By Frits Ahlefeldt

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Thank you for your attention!

