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Promoting nature-based solutions to foster the environmental rights of future generations

*Contribution by the students' research group
of the University of Verona*



SUSTAINABLE
DEVELOPMENT
GOALS



The impact of climate change on human rights



*Water and
sanitation*

*Healthy
environment*

*Life and
health*

*Development
and
culture*

*Housing
and
property*

*Adequate
standard of
living*



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Recent amendments to the Italian Constitution

8 February 2022



Article 9

- The Republic shall promote the development of culture and scientific and technical research.
- It protects the landscape and the historical and artistic heritage of the Nation.
- **It protects the environment, biodiversity and ecosystems, also in the interests of future generations. The law of the state regulates the ways and forms of animal protection.**

Article 41

- Private economic initiative is free.
- It may not be carried out in conflict with social utility or in such a way as to damage security, liberty, human dignity, **health and the environment.**
- The law determines the programmes and appropriate controls so that public and private economic activity may be directed and coordinated for social and **environmental purposes.**



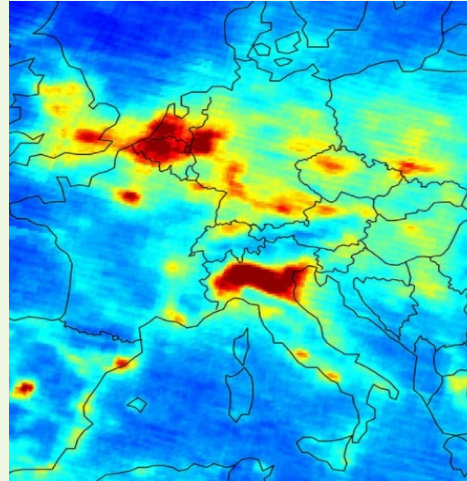
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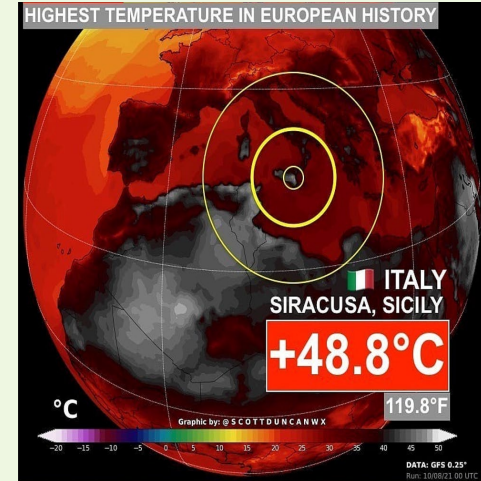
Analyzed issues



The Waste Crisis



Air Pollution & Low Air Quality



Rise in Temperatures



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Analyzed issues



Floods & Cloudbursts



Soil degradation



Environmental migrants



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Possible solutions: Nature Based Solutions (NBS)



“Actions to protect, manage and restore natural or modified ecosystems, which address societal challenges, in an effective and appropriate manner, providing human well-being and biodiversity benefits”

IUCN



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Positive effects of NBS



*Microclimate
Regulation*



*Psycho-Physical
Wellbeing*



*New Employment
Opportunities*



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Recommendations



Environmental education

Minimising environmental impact can only be the result of a **civic education focused on environmental issues.**

Goals:

- To instill the awareness of **limited planet's resources**
- To reshape the **relationship between humanity and the environment.**
- To educate human beings to manage their own behavior in relation to the ecosystem
- To **promote changes in attitudes and behaviours** of people, both individually and at the community level.



Recommendations



Innovation

A large part of **technological progress** makes it possible to find solutions to the major environmental problems the planet is facing.

Cooperation

Strengthen cooperation between States and individuals, companies and politicians.

Action

In Italy, **NBS** are widely used in cities, which are responsible for 75% of global **emissions**.
The most famous example in Italy is the **Bosco Verticale**, by architect Stefano Boeri.



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Thank you for your kind attention!

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