

Sustainable Conservation of Natural Resources in the Environment

Conservación Sostenida de los Recursos Naturales en el Medio Ambiente

Rita Carolina Eguez Cevallos¹
Francisco Jorge Morán Peña²
Jenny Maritza Rosero Lozano³

Abstract: It is paramount to address the importance of sustained conservation of natural resources in the environment as a fundamental approach to preserve biodiversity, maintain climate stability and ensure the well-being of future generations. It is important to explore strategies to achieve responsible and equitable management of natural resources, as well as the key role of environmental education and collaboration between different social actors. The promotion of effective policies, innovation and the participation of civil society and business are fundamental to achieving this objective. In a world increasingly concerned about environmental challenges, it is critical to address how we can preserve our natural resources for future generations, explore the importance of sustained conservation, its benefits and strategies to achieve this crucial goal.

Keywords: Sustained conservation, natural resources, environment, biodiversity, environmental education, effective policies.

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Correspondence author

rita.eguezc@ug.edu.ec

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¹ MSc. , Facultad de Filosofía, Letras y Ciencias de la Educación, Universidad de Guayaquil, Rita.eguezc@ug.edu.ec
<https://orcid.org/0000-0003-0226-3026>

² MSc. , Facultad de Ciencias Naturales, Universidad de Guayaquil,
Jorge.moranp@ug.edu.ec,
<https://orcid.org/0000-0001-5396-4899>

³ MSc. , Facultad de Ciencias Naturales,
Jenny.roserol@ug.edu.ec, Universidad de Guayaquil, <https://orcid.org/0000-0002-5991-3555>

Resumen: Es primordial abordar la importancia de la conservación sostenida de los recursos naturales en el medio ambiente como un enfoque fundamental para preservar la biodiversidad, mantener la estabilidad climática y garantizar el bienestar de las generaciones futuras. Es importante explorar las estrategias para lograr una gestión responsable y equitativa de los recursos naturales, así como el papel clave de la educación ambiental y la colaboración entre diferentes actores sociales. La promoción de políticas efectivas, la innovación y la participación de la sociedad civil y las empresas son aspectos fundamentales para alcanzar este objetivo. En un mundo cada vez más preocupado por los desafíos ambientales, es fundamental abordar como podemos preservar nuestros recursos naturales para las generaciones futuras, se debe explorar la importancia de la conservación sostenida, sus beneficios y las estrategias para alcanzar este objetivo crucial.

Palabras clave: Conservación sostenida, recursos naturales, medio ambiente, biodiversidad, educación ambiental, políticas efectivas

Introduction

Before diving into sustained conservation, it is essential to understand the current state of the environment. Unfortunately, we have witnessed the degradation of ecosystems, the loss of biodiversity and the depletion of vital resources such as water and soil. The impacts of climate change are also becoming increasingly evident. The global ecosystem faces serious challenges that require urgent and coordinated action at the global level. Currently, there are many paper industries in different countries that are committed to preserving wood, the main raw material for paper, as well as reducing the carbon footprint. To this end, paper recycling policies have been adopted, preventing them from ending up in the landfill or being incinerated with the consequent emission of greenhouse gases (Fernandez et al., 2021). If in the last 50 years the preservation of the environment has become one of the most important issues in regional and global agendas, environmental education is key to achieving this goal, being one of the pillars that has the capacity to redirect and modify citizen behavior in order to achieve a balance between man and nature (Fiallos, Mendoza, Escobar & Intriago, 2022). However, with the appearance of the COVID-19 pandemic and in view of the requirement and obligatory nature of social isolation in all regions, the goals set in this sense have had to be rethought and the strategies drawn up by governments and institutions, mainly educational ones, must include new guidelines to address this new affectation. (López M. , 2020). The urgency to act is undeniable.

Sustained conservation involves the responsible and equitable use of natural resources, ensuring that the needs of present generations are met without compromising the ability of future generations to meet their own needs. It is a holistic approach that seeks to balance human needs with nature conservation.

According to UNESCO, a study entitled World Conservation Strategy was published last March, which assesses the current state of the world's environment and proposes some practical measures for the rational development and conservation of our planet's resources. The World Conservation Strategy was prepared by the International Union for Conservation of Nature and Natural Resources (IUCN), with the advice, cooperation and financial assistance of the United Nations Environment Programme (UNEP) and the World Wildlife Fund (WWF), and in collaboration with the Food and Agriculture Organization of the United Nations (FAO) and UNESCO.

Materials and methods

Sustained conservation of natural resources brings numerous benefits. Environmentally, it ensures the preservation of biodiversity, the protection of critical habitats and climate stabilization. Socially, it promotes equity, access to resources for local communities and improves quality of life. Economically, it fosters job creation and resilience to global challenges.

It is essential for sustaining life on Earth. Natural resources, such as water, soil, forests and biodiversity, are fundamental to ecosystems and the survival of species, including humans. Overexploitation and depletion of these resources threaten the stability and resilience of the environment.

Sustainable practices create a healthier, safer and more productive environment. From a social perspective, sustainable practices help strengthen social ties, improve people's quality of life and provide hope for a better future.

3. Result

Promote environmental education: Awareness and education on the importance of conservation are fundamental to generate a change in attitude and behavior towards more sustainable practices, it is key to

encourage a change in behavior, it is necessary to disseminate educational programs and awareness campaigns with which the objective is to make a difference.

According to Lopera and Duque (2019) the educational institutions themselves must have an academic unit that is at the forefront of projects and programs of clean energy, environmental responsibility, reuse and recycling, preservation of resources, which raises the proposal for changes in management, participation and management of green universities.

Encourage collaboration among stakeholders: Cooperation among governments, businesses, non-governmental organizations and local communities is essential to address large-scale environmental problems. Partnerships should be established to develop comprehensive solutions and thus develop effective solutions in the conservation of natural resources.

Implement effective policies: The implementation of sound and well-enforced environmental regulations can encourage sustainable practices in various economic sectors, and compliance is key to promoting this.

Boosting research and technological innovation: Science and technology play a key role in the search for sustainable solutions. Investing in research and development can lead to significant advances in natural resource management.

Challenges and obstacles: We cannot ignore the challenges and obstacles we face on the road to sustained conservation. Resistance to change, short-term economic interests and lack of international cooperation are just some of the barriers to overcome.

5. The path to a sustainable future.

We must reflect on the importance of being able to create a sustainable future for the next generations, making informed and responsible decisions in our daily lives, this implies taking measures to ensure that the needs of the current generation are met without compromising the possibilities of future generations. To achieve this, it is essential to address several important challenges and implement the use of renewable energy by promoting its use, such as clean energy sources like solar, wind, hydro and geothermal, reducing dependence on fossil fuels that generate pollution and contribute to climate change. For this

reason, the academy plays a very important role in the preparation of responsible citizens and leaders with full social awareness, in charge of projecting and sustaining sustainable societies in some way (Salas, 2021).

4. Conclusions

Emphasize the importance of sustained conservation of natural resources for environmental sustainability and human well-being. The sustained conservation of natural resources in the environment is an impossible task that requires the commitment of all sectors of society. It is essential to recognize that our survival and quality of life depend on the balance between human development and the protection of the natural environment.

Environmental education plays a central role in promoting environmental awareness and behavioral change towards more sustainable practices. In addition, collaboration between governments, communities, organizations and companies is essential to develop comprehensive and effective solutions for the conservation of natural resources. The implementation of effective policies and the promotion of innovation and technology are key to moving towards responsible management of natural resources and ensuring a sustainable future for generations to come.

Highlight the need for collective action and commitment to address environmental challenges. Close with a reflection on the future and the role that each individual can play in environmental conservation. "Today more than ever there is a need for transformative education that achieves profound long-term changes in the understanding of present and future challenges, aiming to develop a population with a deep and rooted appreciation of the climate, social, cultural and economic challenge to lead to greater action and commitment. The time to learn and act in defense of our planet is now.

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