

**A Basic Overview of Environment and Sustainable
Development
[Volume: 2]**



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Development
[Volume: 2]**

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In today's world of global challenges, the connection between taking care of the environment, and achieving sustainable development has become a top priority for all of us. As we navigate towards an intricate and interconnected world, characterized by rapid technological advancements, population growth, and resource exploitation, the consequences of our actions on the environment have become increasingly evident.

Climate change, biodiversity loss, pollution, and resource depletion are a few factors of the environmental crisis that need our immediate attention and effective action. The impact of these challenges reaches far beyond borders, affecting nature, economies, and the well-being of both current and future generations. In this context, the concept of sustainable development has emerged as a symbiotic relationship between human prosperity and environmental health.

Sustainable development adopts a holistic approach that seeks to balance economic growth, social equity, and environmental conservation. The Sustainable Development Goals (SDGs), established by the international community, provide a framework for collective action to address poverty, inequality, and environmental degradation, fostering a vision of a more sustainable and inclusive future. Sustainable development is like taking care of our communities, making lives better, and ensuring we don't harm the planet. It's not just a good idea; it's something we absolutely must do to secure a healthy future for everyone. Considering all this, it is clear that we have to deeply understand how the environment and sustainable development work together.

This book, "Environment and Sustainable Development (VOL-2)," offers a comprehensive and accessible resource for the relationship between our environment and the quest for sustainable development. We intend to provide essential information to practitioners, educators, students, and all stakeholders who are involved in developing a sustainable future for our planet. The contents of this book are the result of collaborative efforts, bringing together the expertise and dedication of contributors who are committed to disseminating their knowledge in this crucial area. We extend our gratitude to these individuals and organizations for their invaluable contributions. Our goal is not to cover every aspect of environmental science and sustainable development. Instead, we aim to cultivate a sense of responsibility and informed decision-making among individuals so that they can recognize the need to balance human progress with environmental preservation.

The front cover of the book showcases a captivating image featuring a Royal Bengal Tiger in the Sundarbans Biosphere Reserve, West Bengal, India and a parakeet from Hooghly, West Bengal, India. This photograph symbolizes the delicate balance of nature and calls upon our minds to take the initiative for sustainable development. This photograph, captured by renowned professional photographer and Nikon wildlife expert Ramesh Karmakar, who was a student of Dr. Tanmay Sanyal, holds the exclusive copyright. Its use as our book cover is made possible through his permission.

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