

Plastic Pollution: Strategies for Mitigation and Management

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Abstract. Plastic pollution is a growing environmental concern that demands urgent attention. This article reviews current strategies for managing and mitigating plastic waste. We examine policy initiatives, technological innovations, and community-based approaches that contribute to reducing plastic pollution. The study highlights successful examples from different regions and suggests practical measures for improving waste management systems globally.

Keywords: Plastic Pollution, Waste Management, Environmental Policy, Technological Innovation, Community Engagement

Introduction

The proliferation of plastic waste poses a significant threat to ecosystems and human health. This paper explores various strategies for mitigating and managing plastic pollution, focusing on policy interventions, technological advancements, and community engagement. We review successful case studies from different parts of the world, providing insights into effective practices and highlighting areas where further efforts are needed. By suggesting practical measures for improving waste management systems, the article emphasizes the importance of coordinated action at local, national, and international levels.

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References

1. Семенюк, М. В., Ціпан, Ю. Р., & Івашинюта, С. В. (2023). ВСТАНОВЛЕННЯ МОРФОЛОГІЧНИХ ТА ТАКСАЦІЙНИХ ПОКАЗНИКІВ ЯЛИНИ ШРЕНКА В УМОВАХ ЗАХІДНОГО ПОЛІССЯ. Збірник тез доповідей Book of abstracts, 49.