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Biodiversity Assessment and Conservation Strategies in Urban Green Spaces

Dr. Mei Lin, Dr. Rajesh Kumar, Dr. Elena Petrova, Sofia Anderson, Miguel Sato

Keywords: Biodiversity, Urban Green Spaces, Conservation, Ecosystem Services, Urbanization, Native Species

2.

A CFD Simulation of the Direct Sulfation Process for Reduction of the SO₂ Emission

Kenji Savchenko, Wolfgang Watanabe, Wolfgang Watanabe

Keywords: CFD Simulation; Sulfation Process; SO₂ Reduction; Chemical Engineering; Air Pollution

3.

Ecological Impacts of Invasive Plant Species on Native Flora in the Amazon Rainforest

Dr. Mei-Ling Chen, Dr. Carlos Alvarez, Dr. Sophia Patel, Dr. Tomohiro Suzuki, Pierre Rudenko, Andriy Watanabe, Vasyl Li

Keywords: Invasive Species, Amazon Rainforest, Native Flora, Biodiversity Conservation, Ecosystem Management

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The Role of Urban Green Spaces in Enhancing Biodiversity

Maria Gonzalez, Li Wei, Anika Patel, Natalia Ricci, Satoshi Yang

Keywords: Urban Biodiversity; Green Spaces; Native Vegetation; Ecological Conservation; Urban Planning

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A Novel Approach to Biodiversity Assessment Using Remote Sensing and Machine Learning

Li Wei, Saanvi Patel, Lucas Moreau, Matthew Bernard, Victoria Olsson

Keywords: Biodiversity, Remote Sensing, Machine Learning, Ecosystem Monitoring, Conservation

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Numerical Simulation of Plant Transpiration and Its Impact on Microclimates

Arjun Patel, Mei-Ling Chen, Fatima Al-Mansouri, Andrej Novak, Laura Hernández, Giuseppe Bianchi, Philippe Zhang

Keywords: Plant Transpiration; Microclimates; Finite Element Analysis; Environmental Science; Agricultural Optimization

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Hospital-Acquired Methicillin-resistant Staphylococcus aureus Bacteremia in Prince Muteb Hospital :½ One Year Retrospective Study.

Bader S Alotaibi, Roomi Yousuf***, Reyaz Ahmad, Bilal Ahmad , Altaf Bandy,

Keywords: MRSA; Hospital-Acquired Infections; Staphylococcus aureus; Bacteremia; Antimicrobial Resistance