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Evaluating the Impact of Environmental Factors on Plant-Microbe Interactions in Tropical Ecosystems

Emiko Tanaka, Adebayo Okoro, Lucia Fernández, Laura Miller

Keywords: Plant-Microbe Interactions; Tropical Ecosystems; Environmental Factors; Conservation; Ecosystem Management

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The Role of Native Flora in Enhancing Soil Health and Biodiversity in Agroecosystems

Dr. Aisha Fernandes, Prof. Hiroshi Tanaka, Rafael Laurent

Keywords: Native Flora, Soil Health, Biodiversity, Agroecosystems, Sustainable Agriculture, Ecosystem Stability

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EXERGY EVALUATION AND OPTIMIZATION OF ELECTRICITY AND REFRIGERATION PRODUCTION IN NATURAL GAS PRESSURE REGULATING STATION

Amara Roux, Antoine Taylor, Taro Persson, Antoine Taylor, Taro Persson

Keywords: Exergy Analysis; Gas Pressure Station; Turbo Expander; Power Generation; Refrigeration; Optimization

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Lina Zhang, Carlos Mendes, Priya Kumar, Elena Eriksson, Antonio Diallo

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The Effect of Sulfuric Acid, Temperature, Seed Production Locations and Agronomic Factors on Hard Seed Breakdown in Annual Medic (*Medicago scutellata* cv. *Robinson*)

Andreas Zhou, Luis Wilson, Yong Wilson, Giovanni Yang, Luis Wilson, Yong Wilson, Giovanni Yang

Keywords: Seed Coat; Hard Seed; Annual Medics; Sulfuric Acid; Temperature; Seed Dormancy

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The Effect of Sulfuric Acid, Temperature, Seed Production Locations and Agronomic Factors on Hard Seed Breakdown in Annual Medic (*Medicago scutellata* cv. *Robinson*)

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The Impact of IT Competencies on Agility Aspects and Competitive Activities in Ecological Management

Jin Zhang, Nadia Ferreira, Rakesh Menon, Miguel Sánchez

Keywords: IT Competencies; Ecological Agility; Environmental Management; Organizational Responsiveness; Competitive Ecology; Information Technology