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EXPLORATION ON EFFECTIVE GREEN PATH OF TOWNSHIP GOVERNMENT ADMINISTRATION AND GENETIC ALGORITHM-BASED SUSTAINABLE IN RURAL REVITALIZATION

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Abstract

With the execution of the sustainable Rural Revitalization (RR) Strategy, China has reached a crucial juncture in its growth and transformation. Strengthening the foundation of rural Basic-Level Party and Township Government organizations remains essential. Emphasis should be placed on enhancing the selection and development of township leadership groups, with particular attention to members of the RR and the Secretary of the government organization, additionally, improving the administrative capacity of township governments is critical. Under the green path of township government administration, Lessons Learned and Best Practices were addressed, and the sustainable RR strategy was traded basedon an Improved Genetic Algorithm (IGA) via a crossover, simulating the genetic recombination process. The information utilized in this research came from a household survey in RR that was carried out in the province of Zhejiang in November 2022. To improve RR oversight, getting the rural Party's Secretary appointed as the RR's director via the appropriate channels whenever possible was recommended. Continued dispatch of first secretaries and special task units to strategically located rural areas remains a key measure. An evaluation of economic decline from 2018-2022 in rural areas, alongside assessments of Citizen Engagement and Participation, Rural sewage treatment, and evolution of green path of environment qualityhas been conducted based on publications to improve the development of RR in Township Government. Greater investment in rural and urban areas will lighten the load on township governance and free up time and resources for RR to focus on real-world challenges.