

# **Integrated Systems for Waste Management in Africa**

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***Abstract:** Integrated systems using principles of biodiversity can solve many problems of waste management in Africa. The principle is based on that of China, which states greater the diversity, greater is the efficiency of a system. The integration of different plant types and animals can be a dual method of using wastes. The need for improved and costly technology is removed and the process becomes a part of nature. Hence it becomes cost effective and sustainable. These systems include many components such as anaerobic biodigestion, aeration, microphytes, plants, microfauna, animals and fish, vermicomposting and many other units to facilitate an organic system. The processes of this method and its potential for Africa will be presented.*

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