

Editorial

We bring the twenty-first volume of the **Journal of the Digital Information Management** where the first issue is being now released. The below papers represent the ongoing research in digital information management.

In the opening paper on **An Algorithm of Wavelet Data Compression Based on Wireless Sensor Network** the authors have addressed some of the problems in the existing data aggregation algorithms which cannot change the gathering path dynamically existing the over-head environment. The node is changed that can provide the feedback of the nodes, the learning automata gives the reward or punish to the current gathering path, which help to find the best gathering path.

In the paper on **Empirical Analysis on the Efficiency of Clustering Algorithms Based on the Significance of Cluster Size**, the authors studied the performance of the various clustering algorithms on a particular dataset based on the number of clusters defined. This work has compared the performance of the algorithms based on the number of clusters defined. The analysis is performed on the IRIS dataset from the dataset library.

In the paper on “**How Much Difference in Earthquake Risk among China’s Areas: A Study based on Pricing a Seismic Catastrophe Bond**”, the authors have used the extreme value distribution model to analyze the difference of annual maximum magnitude between China’s major earthquake-prone provinces. By a stochastic simulation method, they estimated the pricing catastrophe bonds in earthquake-prone areas. This process helped to find the potential risk varied widely in different regions.

We will come out with more research in the forthcoming issues.

Editors