

[Home](#) > [Journal](#) > [Earth & Environmental Sciences](#) > [JGIS](#)[Indexing](#) [View Papers](#) [Aims & Scope](#) [Editorial Board](#) [Guideline](#) [Article Processing Charges](#)

JGIS > Vol.2 No.2, April 2010

OPEN ACCESS

Design and Key Technology of Gardening Information Management System Based on Data Center

PDF (Size: 2026KB) PP. 100-105 DOI: 10.4236/jgis.2010.22015

Author(s)

Xi-Guang Wang, Wei-Hua Lin, Wen Zeng

ABSTRACT

To provide scientific management basis for the garden planning, project construction, maintenance, social service, this paper prompted that the urban gardening administration sectors need to construct gardening information management system. On the basis of fully requirements analysis of gardening sectors, this paper discussed the key technology for system construction. It also proposed to flexibly and smartly build up the system by using the secondary development design environment and running environment based on data center integration development platform. This system greatly helps the daily management and plays very important role in improving urban ecological environment and investment environment.

KEYWORDS

Geographic Information System (GIS), Data Center Integrated Development Platform, Gardening, Workflow

Cite this paper

X. Wang, W. Lin and W. Zeng, "Design and Key Technology of Gardening Information Management System Based on Data Center," *Journal of Geographic Information System*, Vol. 2 No. 2, 2010, pp. 100-105. doi: 10.4236/jgis.2010.22015.

References

- [1] X. C. Wu, "Theory Technique and Application of GIS," China University of Geosciences Press, 2000. (in Chinese)
- [2] Y. Zheng, J. T. Jiang, J. B. He, et al., "Manual of Standardization of Urban Geographic Information Systems," Science Press, Beijing, 1998, pp. 20-21.
- [3] W. Zeng and D. J. Zhang, "Scheme and Key Techniques for GIS-Based Integration of Municipal Management Information," *Earth Science—China University of Geosciences*, Vol. 31, No. 5, 2006, pp. 688-692.
- [4] X. C. Wu and L. Wu, "Service-Oriented Distributed Spatial Information Supporting System," *Earth Science—China University of Geosciences*, Vol. 31, No. 5, 2006, pp. 585-589.

[JGIS Subscription](#)[Most popular papers in JGIS](#)[About JGIS News](#)[Frequently Asked Questions](#)[Recommend to Peers](#)[Recommend to Library](#)[Contact Us](#)

Downloads: 135,205

Visits: 287,623

[Sponsors, Associates, and Links >>](#)