上海市村庄规划编审平台的实现

摘要

为了加快上海市城乡一体化建设和发展，切实地对本市村庄规划实行信息化管理，需要构建一个完整的线上审批流程。同时根据人口和已有规划分布，平衡土地利用，部署各类公共设施，引导布局，建设契合当地村庄特点的，与当地经济水平发展相辅相成的村庄环境。

村庄规划的审批流程包括计划上报，案件审批和成果入库几个主流程，主流程下分别又包含多个子流程（节点），需不同角色的用户进行协同审阅从而决定该规划是否可行，或做出对应的计划调整。同时用户也能在系统中查看相应计划的审批流转情况，从而跟进纸质文件的传递。

本论文针对万达信息政府服务事业部国土团队所负责的上海市规土局项目需求，为解决相关处室无信息化系统支持，行政审批效率低下等问题，决定根据现有应用开发技术（nutz，jquery，ajax等）和参考以往的行政审批系统开发经验，编写出一套符合村庄规划审批业务特点的，基于工作流模型和权限管理的编审平台。

本平台旨在设计一个便于维护和扩充审批流程和权限管理的框架，提高案件编审的统一性、协同性、准确性，同时能为工作人员在一定程度上带来便利，使工作效率得到提高，加强人机交互，满足日益增长的规划信息化管理需求，也可以为加快城市化建设进程提供一定的帮助。

关键词：nutz，审批系统，规划信息管理，工作流

**IMPLEMENTATION OF THE PLANNING**

**AND AUDIT PLATFORM FOR VILLAGE PLANNING IN SHANGHAI.**

**Abstract**

In order to accelerate the construction and development of urban-rural integration in Shanghai, it is necessary to construct a complete online audit process for the implementation of informatization management of the village planning in this municipality. According to the population distribution and existing planning, balance the land use, deploy all kinds of public facilities, guide the layout and construct the village environment with the characteristics of the local village and helpful for local economic development level supplement.

Village planning audit main process including ‘planning report’,’ case audit’,’result entry’. There are multiple sub-processes (nodes) under the main process,the users of different roles will audit together to determine whether the plan is feasible or to make a corresponding plan adjustment.

This thesis aims at the project requirements of Shanghai Planning and land resources administration, which is responsible for the land team of wonders group.

To solve the problem such as related departments didn’t have information system support,and efficiency of administrative audit is very low. We decided according to the existing application development technology (nutz, jquery, ajax, etc.) and the reference of administrative examination and approval system development experience,code a platform which accord with the characteristics of village planning business,based on workflow model and authority management.

This platform is to design an audit framework which is easy to maintain and expand audit process and authority management. Improve the unification, synergy and accuracy of the case compiling. This platform also can bring convenience for staff to a certain extent, make working efficiency gets improved, strengthen man-machine interaction, meet the increasing demand planning information management, also can offer some help to accelerate the urbanization process.

**Keywords**: nutz，audit system，planning information management，workflow

**1 绪论**

1.1 论文背景

如今社会的发展已经走向了高速的信息化时代，包括政府部门的市政建设类工作，例如医疗健康、保险养老、文化教育等各领域都离不开现代信息科技的管理手段。国土资源的管理也是政府在当前时代背景下所关注的重点。

村镇建设一直是各地区经济发展的不可或缺的一部分，目前各地区的村镇建设无信息化系统支持，其编制审批工作主要依靠纸质文件进行流转，一方面行政审批效率低下，另一方面不利于信息的管理和利用。

为了优化我市村庄规划现有业务流程，实现网络化、无纸化办公，自动沉淀项目管理的各项流程数据和规划成果数据，规范工作流程、提高工作效率、加大信息利用程度和监管力度，村庄规划编审平台应运而生。

1.2 论文的主要任务

1.3 论文难点

1.4 论文创新之处

1.5 论文结构

**2 开发技术及方法**