

论文

煤矿应急救援组织结构模式研究

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摘要:

针对目前煤矿应急救援组织缺少设计方法的情况, 分析了煤矿应急救援组织特征, 确立了煤矿应急救援组织设计方法。依据设计方法, 对救援任务分解, 进行任务-资源规划, 将煤矿应急救援的各微观主体分为4个实体, 建立煤矿应急救援组织结构模式, 并将组织结构模型抽象为网络, 通过对效率、效率比的计算来获得应急救援组织的效率。最后, 通过实例进行了验证, 结果表明, 此应急救援组织模式具有良好的适应性。

关键词: 煤矿; 应急救援组织; 结构设计; 效率

Study on mine emergency rescue organization structure model

Abstract:

In view of the current lack of design method for coal mine emergency rescue organization, the characteristics of coal mine emergency rescue organization were analyzed, and the corresponding design methods for it were set up. Based on this method, the rescue mission was decomposed, and the resources were distributed. Each microcosmic subject of coal mine emergency rescue was divided into four parts. The structure model of coal mine emergency rescue organization was established and changed into the form of network. The efficiency of emergency rescue organization was acquired by calculating the overall efficiency and efficiency ratio. Finally, the method was tested in actual cases. The results show that the mode of coal mine emergency rescue organization is adaptable well.

Keywords: mine; emergency rescue organization; structure design; efficiency

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