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# Research on the Construction of Emergency Management of College Students

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**Abstract:** With the continuous development of society and the frequent occurrence of public emergencies, universities, as vital institutions for talent cultivation, have increasingly emphasized the construction of emergency management systems. The ability of college students to respond swiftly and effectively to emergencies is crucial for their safety and well-being. This paper analyzes the current status of emergency management in universities and explores pathways for establishing a robust emergency management system for students. Research indicates that enhancing emergency management for students requires improvements in information-based emergency mechanisms, volunteer team development, and emergency training. Additionally, universities should establish comprehensive emergency response mechanisms to strengthen students' awareness and capabilities in handling increasingly complex emergencies. The paper proposes several recommendations for optimizing emergency management systems for college students, offering valuable insights for university emergency management practices.

**Keywords:** college students; emergency incidents; emergency management; informatization; emergency response mechanism; emergency volunteers

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## 1. Introduction

With the increasing frequency of public health emergencies, natural disasters, and social incidents, college students—as a unique demographic—must develop robust emergency response capabilities. While generally possessing strong learning and adaptability skills, they often lack practical emergency experience and psychological preparedness. Establishing an effective emergency management system for students would not only enhance their crisis response abilities but also safeguard their lives and maintain campus order<sup>[1]</sup>.

At present, there are some weak links in the emergency management of university students, including imperfect emergency plan, imperfect emergency response mechanism, and non-standard organization and management of emergency volunteers. Therefore, how to strengthen and improve the emergency management of university students has become the focus of university administrators and educators.

This study aims to analyze the present situation of emergency management construction of college students, explore the way to improve the emergency management ability of college students, and put forward relevant countermeasures, in

order to provide theoretical support and practical guidance for the emergency management of college students.

## **2. Analysis of the current situation of emergency management for college students**

### **2.1. Current status of emergency management in universities**

Currently, most universities have made proactive efforts in emergency management, establishing contingency plans, volunteer teams, and response mechanisms. However, several challenges persist. Firstly, some institutions lack comprehensive emergency management systems and standardized procedures, resulting in inefficient response capabilities. Secondly, students generally exhibit weak emergency awareness due to insufficient systematic training and practical drills, often failing to react appropriately when emergencies occur.

According to Li Jing's (2024) research, the emergency management system for university incidents in the current digital era remains in its developmental phase. While some institutions have adopted digital management systems, their overall capabilities vary significantly. Many universities still rely on traditional emergency management models, which struggle to handle complex and unpredictable emergencies<sup>[2]</sup>.

### **2.2. Main problems in emergency management of college students**

#### **2.2.1. Generalized weakness in emergency awareness**

Currently, most college students have limited exposure to emergencies in their daily academic and personal lives, resulting in insufficient awareness of potential risks and inadequate emergency preparedness. Having grown up in relatively safe campus environments, students often exhibit low sensitivity to unexpected situations and demonstrate inadequate coping skills. Research indicates that when emergencies occur, many students experience anxiety, tension, or even panic due to their weak psychological resilience. This makes it difficult for them to remain calm and take effective measures promptly, potentially delaying the optimal response window.

#### **2.2.2. Poor practicality of emergency response plans**

While many universities have established emergency response systems for various incidents, their development often focuses on theoretical frameworks and general principles, neglecting practical feasibility and detailed implementation. These plans typically lack systematic drills and scenario-based simulations, with unclear procedural guidance and vague response protocols. As a result, when actual emergencies occur, the systems frequently fail to activate promptly or execute effectively, significantly compromising their operational efficacy.

#### **2.2.3. Inadequate emergency volunteer management mechanism**

Emergency volunteer teams serve as vital support within university emergency management systems. However, many institutions still face significant challenges in volunteer team development and management. The recruitment, training, and coordination of volunteers lack standardized protocols and sustainable mechanisms, with loose daily management, limited professional training opportunities, and unclear role assignments. Consequently, in real emergency scenarios, volunteers struggle to respond promptly or coordinate effectively, their individual capabilities remain underutilized, and the overall emergency support effectiveness is compromised.

## **3. Optimization path of emergency management construction for college students**

### **3.1. Improving the information-based emergency management mechanism**

With the development of information technology, more and more universities begin to combine information management with emergency management. By constructing an emergency management information platform and utilizing information

technology to monitor emergencies in real time, release information, and allocate resources, the efficiency of emergency management can be greatly improved.

Wu Heting and Dong Huiling (2024) emphasized that in the digital era, strategic IT deployment enables rapid emergency response and efficient resource allocation, significantly enhancing crisis management effectiveness<sup>[3]</sup>. By establishing smart emergency management platforms, universities can monitor students' health status, psychological well-being, and activity zones in real time. This system allows swift data retrieval during emergencies and timely issuance of alerts.

### **3.2. Enhancing emergency training and drills for college students**

Emergency training is pivotal to enhancing college students' emergency response capabilities. Universities should regularly conduct training and drills on emergency management, particularly for common emergencies such as natural disasters, fires, and epidemics. Organizing students to participate in simulated exercises can improve their practical operational skills in handling emergencies.

Meanwhile, schools should conduct comprehensive training in emergency rescue and psychological counseling based on actual conditions to enhance students' overall emergency response capabilities. For instance, college students should acquire fundamental first aid knowledge and fire safety awareness, while maintaining composure and effectively organizing rescue efforts during crises.

### **3.3. Establishing and improving emergency volunteer teams**

The emergency volunteer team constitutes a vital component of the university emergency management system, capable of playing a significant role during emergencies. Universities should enhance the selection and training of volunteers, establish clear management systems and operational procedures, to ensure that volunteers can actively contribute in emergency situations.

Volunteers should possess certain emergency knowledge and skills, and be capable of conducting emergency response tasks under professional guidance. Schools can enhance volunteers' emergency response capabilities through specialized training, enabling them to provide effective support during critical moments.

### **3.4. Improving the emergency response mechanism**

Higher education institutions should establish and improve emergency response mechanisms for unexpected incidents, clearly defining the responsibilities and authorities of management personnel at all levels. The emergency response mechanism must possess the capability for rapid response and flexible resource allocation to ensure that contingency plans can be promptly activated and coordinated with various stakeholders during emergencies<sup>[4]</sup>.

Meanwhile, schools should develop corresponding emergency response plans for different types of emergencies, and adjust and optimize them based on actual conditions.

## **4. Conclusion**

The development of emergency management systems for college students is a critical component in ensuring student safety and campus order. To enhance students' emergency response capabilities, universities should optimize various aspects including digital management, emergency training, volunteer team development, and emergency response mechanisms. By cultivating emergency awareness, conducting practical drills, and establishing robust emergency management frameworks, students can effectively improve their ability to handle emergencies, ensuring timely and effective responses when incidents occur. Going forward, universities should continue strengthening emergency management initiatives to elevate

students' comprehensive emergency preparedness, thereby providing a solid foundation for campus safety.

## Disclosure statement

The author declares no conflict of interest.

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