

图书基本信息

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作者：杨庚宇 编

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## 前言

2010 Chinese Seminar on the Principles of Safety Science and Technology is to be held in Beijing, China, in October, 2010. This seminar is sponsored by China Occupational Safety and Health Association, the Department of Policies, Laws and Regulations, the State Administration of Work Safety and North China Institute of Science and Technology, and organized by North China Institute of Science and Technology. Collected in the proceedings are 155 papers accepted for presentation at the Seminar. Safety Science and Technology is a comprehensive and interdisciplinary subject, which specializes in the safety and health issues involved in the public domain and production. In recent years, the scientists and managers of colleges and universities, research institutes, enterprises and government agencies have discussed thoroughly about the basic theories of safety science and practical issues and made lots of findings. These papers of this proceedings describe the latest achievements in the field of safety science and technology in China. Except for public safety issues, these papers involve the issues of safety science and technology in the field of coal mines, construction, transportation, civil aviation, and petro chemical industry. These papers involve widerange of disciplines including law, sociology, economics, management, education and cultiare. These papers show innovative ideas and advanced methods. I believe this proceedings will further promotethe richness of the theory of safety science and technology and the exchange of the results of safetyscience and technology. It will benefit not only the participants of the meeting but also all ofcolleagues engaging in the research of safety science and technology and safety management. I, on behalf of the organizer, wish to thank the experts, scholars and the heads of the unitsconcerned for their support and help to the seminar. I also appreciate the authors for providing theexcellent papers.

## 内容概要

This monograph collects 155 selected papers presented at the 2010 Chinese Seminar on the Principles of Safety Science and Technology. These papers cover the following aspects : Theory of Security Science , Security Economics , Security Management , Security Law , Social Security , Safety Engineering Technology , Safety Education , Safety Culture , and Miscellaneous. Many novel research results on safety science and technology achieved during the last few years are mentioned in the Proceedings.

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章节摘录

插图：Public safety, the direct impact on the people in two aspects: First, the overall impact on the people from a demographic perspective, any major public safety events will affect the composition of the population, for example, every time a war will affect the population within a certain range the total number, sex composition, age structure, fertility, mortality, etc.; Second is the impact of individuals, public safety impact on the population is the most direct impact on individual, and will be passed to reflect the impact of the individual above the overall population. 4.1 A direct impact on human life Public safety for the people of the most serious impact is the impact on human life. Generally speaking, public safety, the impact on human life is reflected in the population age composition, mainly on the population age structure of the population ratio, population, life expectancy, and population mortality rates. Individual concerned, the impact of public security for the individual life is the end of human life, resulting in the death of the individual. Public safety impact on human life, often have serious social impact, for the individual concerned, death as a direct result of the end of individual life, but also result in making the individual social relations unstable or shock, such as children, spouses, parents, other social relations, the severe psychological impact, resulting in severe emotional fluctuations, while the legal relationship will result in the re-formation, resulting in law and order instability. For the population overall, the termination of human life, causes population decline in population, a large number of deaths for young adults, but also affects the social productive forces, the reduction in birth rate reduction, while also affect the social life of the other aspects.

编辑推荐

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