

图书基本信息

书名：<<第二届全国安全科学理论研讨会论文集>>

13位ISBN编号：9787030284624

10位ISBN编号：7030284623

出版时间：2010-1

出版时间：杨庚宇、等 科学出版社 (2010-01出版)

作者：杨庚宇 编

页数：823

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

## 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.

书籍目录

PREFACE  
SECTION ONE Theory of Security Science  
Innovation on the Theory and Methodology of Safety Science  
Book Review of "METHODOLOGY OF SAFETY SCIENCE"  
Inquiry into Nonlinear Characteristics of Safety Science  
On Relevance of Human and Public Safety  
Analysis on the Causes of Human Error and Its Countermeasure in Coal Mining  
Rheology and Mutation Analysis of the Man-Machine-Environment System  
Evaluation Method of Coal Mine Safety Based on Evidence Theory  
Mine Engineering Safety Assessment Method on the Basis of Fuzzy Mathematics  
Assessment Model for Coal Mine Safety Based on Man-Machine-Environment Theory  
Analyze on Composite System of Occupational Safety and Economy Systematically  
Public Security, Economic Efficiency and Social Capital  
Mine Safety Accidents Caused Due to Theoretical Research  
Large Public Buildings' Risk "Cause-Responsibility" Analysis Based on Input-Output Theory  
High Pressure and Low Permeability Physics Model on Coal and Gas Outburst  
Analysis of the Gas Explosion and Gas and Coal Outstanding with Catastrophe  
Research on Disciplinarian of Power Transmission Industry Accidents Based on Token Parameters  
Reliability Analysis of the Human-Machine-Environment System of Fully Mechanized Top Coal Caving Face  
The Application of Hierarchical Gray Theory in Safety Evaluation about Fill Land for Municipal Home Refuse  
The "Concept of Development" on the Advance with the Times: Discussion on the "Safe Development" and "Scientific Development"  
Ordinary Discussion on Four Dimension Calculation Model of the Enterprises Safety Production  
Protection Systems Risk Degree with the Butterfly Catastrophe Theory  
Study on the Safety of the Second Mining  
SECTION TWO Security Management  
Study of Urban Community Public Security Management in Complexity Visual Field  
Analysis and Countermeasures to the Current Station of Coal Mine Safety Management  
Coal Mine Safety and Innovative Management of Human Resources  
Development of Safety Liability Philosophy and Revelation to Us  
Research and Development for the Coalmine Safety Management Information System Based on Risk Control  
Information System of Coal Enterprise Safety Management Based on B/S Mode  
The Construction of Technique Support Mechanisms for Coal Mine Production Safety Risk Management and its Application  
The Design of Mine Safety Management Information System Based on Smart Client Technology  
Study on Initial Energy and Intensity for Coal and Gas Outburst  
The Whole Process Confirmation Management and Its Application in Coal Mine Enterprises  
The Evaluation System Design of Safety Production Standardization on Ship Building and Repairing Enterprise  
Study and Practice on the Safety Management System of Zijinshan Gold Mine of Fujian  
Problems Confronting the Coal Mine Researc'onn Current Situation and Safety Measures of Private Enterprises  
Safety Management in China  
Improve Safety Standards in Chinese Coal Enterprises Learning from India  
Reforming Inherent Mental Models to Improve Safety Management of Coal Mines  
Deep Well Coal Mine Safety Management Quality Standardization Research and Philosophic Thinking Construction  
The Study on the Construction Intrinsic Safety Mine  
Study on Risk Management Assessment of Civil Aviation Airports Based on Risk Matrix  
Safety Management of the Construction Industry  
Important Role of Risk Management in Safety Management of Construction Project  
Fuzzy Analytic Hierarchy Process Method of Building Engineering Design Risk  
Oil Depots Safety Management  
Analysis of Toxicity Hazard Areas Associated with High-Sulfur Natural-Gas Pipelines Leakage  
A Discussion on the Construction of the Theoretical System of the Chemical Incident Rescue.....  
SECTION THREE Policies and Laws  
SECTION FOUR Security Economy  
SECTION FIVE Safety Engineering Technology

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

《第二届全国安全科学理论研讨会论文集(英文版)》由科学出版社出版。

版权说明

本站所提供下载的PDF图书仅提供预览和简介, 请支持正版图书。

更多资源请访问:<http://www.tushu007.com>