

目录

Contents

PART I: English Papers 第一部分：英文论文

SESSION 1: Global Earthquake Catastrophe Emergency Response, Rescue and Recovery

议程一:全球地震巨灾的应急响应、救援与恢复重建 04

PV SOLAR PSEUDO-SATELLITE HIGH POWER SYSTEM FOR ELECTRICITY GENERATION BY MICROWAVE-BEAMING TRANSMISSION IN DISASTER AREAS
为受灾地区提供微波传输电量的光伏太阳能虚拟卫星高压电力系统.....05

ROMANIAN STRATEGY ON MITIGATION OF SEISMIC HAZARDS
罗马尼亚的地震灾害减灾策略.....22

EXTREMUM SYSTEM FURTHER DEVELOPMENT FOR EARTHQUAKE LOSS ASSESSMENT AT GLOBAL SCALE
极值系统在全球尺度地震损失评估中的发展应用.....35

THE INTEGRATION OF DISASTER RECOVERY AND SUSTAINABILITY IN ACADEMIC PROGRAMS
学术项目中灾后重建和可持续发展的集成整合.....48

DATA BASES USED IN WORLDWIDE SYSTEMS FOR EARTHQUAKE LOSS ESTIMATION IN EMERGENCY MODE: WENCHUAN EARTHQUAKE
应急模式下基于全球模式数据库的地震灾害损失评估：以汶川地震为例.....58

HOW EFFECTIVE AID MIGHT BE: A COMPARATIVE STUDY ON THE AID MECHANISMS IN BANDA ACEH AND SICHUAN
如何实现有效援助：班达亚齐和四川援助机制比较.....69

AN INFORMATION PLATFORM FOR CHINESE NATIONAL EARTHQUAKE RESPONSE SUPPORT OPERATION BASED ON CELLULAR PHONE
基于手机的中国地震应急救援移动信息平台.....82

DISASTER EMERGENCY RESPONSE AND RESCUE OPERATIONS OF WENCHUAN MS 8.0 EARTHQUAKE 汶川 8.0 级地震灾害紧急响应及救援行动.....	86
EFFECTS OF CLIMATE CHANGE IN NEPAL: THE NEPALESE PERSPECTIVE 气候变化对尼泊尔国家的影响：尼泊尔人的观点.....	99

SESSION 2: Risk assessment and management/ Risk Analysis Simulation Techniques

议程二：风险评估与管理/风险分析模拟技术	109
----------------------------	-----

STUDY OF BIDIRECTIONAL PEDESTRIAN FLOWS IN A CORRIDOR BASED ON SOCIAL FORCE MODEL 基于社会力模型的一个通道的双向人流研究.....	110
TOOL FOR EVALUATING ORGANIZATIONAL EMERGENCY MANAGEMENT CAPABILITY 组织应急管理评价工具.....	120
MODELLING OF POPULATION DYNAMICS:GIS VERSUS REMOTE SENSING – A CASE STUDY FOR ISTANBUL 动态人口建模.....	129
QUANTIFICATION OF THE NUMBER OF INJURED PEOPLE DUE TO HAZARDOUS MATERIAL ACCIDENTS 危险材料事故中的受伤人数量化研究.....	140
THE MANAGEMENT IN LARGE EMERGENCY SITUATIONS - A BEST PRACTISE CASE STUDY FOR MANAGEMENT OF EVACUATION 大规模人员疏散管理案例.....	151
SPACELAYOUT OF EMERGENCY OPERATION CENTERS FOR EFFECTIVE EMERGENCY RESPONSE JAPANESE INNOVATIONS FROM THE 1995 KOBE EARTHQUAKE TO PRESENT 紧急行动中心的空间设计——1995 年阪神地震以来日本的相关进展.....	159
DEVELOPMENT OF THE METHOD OF CLARIFYING THE LIFE RECONSTRUCTION PROCESS BASED ON THE RANDOM SAMPLED SOCIAL SURVEYS OF THE VICTIMS 基于受灾民众随机样本社会调查的生活重建流程阐明方法研究 恢复与重建日程表	168
RESEARCH ON STANDARD DISASTER PREVENTION WORKFORCE QUOTA CALCULATION MODEL FOR LOCAL AUTHORITIES 基于地方当局标准防灾人员配置模型的研究.....	179
EXPLORING FRAMEWORK FOR MAINSTREAMING DISASTER RISK REDUCTION INTO CHINA'S DEVELOPMENT AGENDA	

将减少灾害风险纳入中国发展议程主流的框架探索.....	190
-----------------------------	-----

SESSION 3: Role of NGO in Emergency Management

议程三：非政府组织在应急管理中的角色.....	201
-------------------------	-----

Heads in the Sand:What Stops Corporations From Seeing Business Continuity as a Social Responsibility

什么是阻止公司看待业务连续性作为社会职责.....	202
---------------------------	-----

CONSULAR EMERGENCY MANAGEMENT GOVERNMENT COORDINATION DURING LARGE-SCALE CRISES INVOLVING CITIZENS ABROAD

海外公民大规模危机事件中的外事应急管理政府协调.....	211
------------------------------	-----

SESSION 4: Training and Drill/ Emergency Management Education/ Strategies, Tactics, and Tools to Effectively Manage Mass Casualty Incidents

议程四:培训与演练/应急管理教育/大规模伤亡事件应急的战略、战术与工具	225
-------------------------------------	-----

THE WORKOUT! GETTING YOUR BCM PROGRAM IN SHAPE THROUGH EXERCISE

群策群力！通过演练在形态上获取业务连续性管理程.....	226
------------------------------	-----

A DISCUSSION OF LEARNING IN EMERGENCY RESPONSE ORGANISATIONS

关于应急响应组织学习的讨论.....	238
--------------------	-----

HIGHER EDUCATION AND CERTIFICATION OPPORTUNITIES IN EMERGENCY MANAGEMENT

应急管理的高等教育与认证机会.....	250
---------------------	-----

GOAL DIRECTED LEARNING FOR EFFECTIVE EMERGENCY EXERCISES

对于有效应急演练的目标导向性学习.....	261
-----------------------	-----

BROAD CAPABILITY THROUGH VARIATION IN EMERGENCY EXERCISES

基于变易理论的应急演练广义能力.....	270
----------------------	-----

SHAPING IDENTITY: NIHILISM AND U.S. COUNTERTERRORISM POLICY

塑造个性：虚无主义与美国反恐政策.....	277
-----------------------	-----

PREPARING EMERGENCY MANAGEMENT PROFESSIONALS: BEST PRACTICES FOR INSTRUCTION

应急管理培训的经验.....	290
----------------	-----

COLLABORATION AND COORDINATION: STRATEGIES MAXIMIZING COMMUNITY DISASTER RESPONSE 合作与协调: 最大限度提高社区灾害的应对策略.....	298
SYSTEMS, SERVICES AND APPLICATIONS FOR THE EMERGENCY RESPONSE SAFER 应急响应系统、服务和应用.....	308
Clarifying the Situation of the Victims with Special needs on Evacuation Site Using the 7 Livelihood Domain Model 用生活 7 领域模型阐述在疏散场地上有特殊要求的灾民处境.....	317
VISUALIZATION OF VICTIMS STATUS IN LIFE RECOVERY PROCESS USING GISTITLE 采用 GIS 使灾民生活恢复过程的状态可视化.....	327
ONTOLOGY - BASED KNOWLEDGE MANAGEMENT IN DISASTER INVESTIGATION 基于本体论的灾情调查知识管理.....	339

SESSION 5: Accidents Emergency Management and Cases Analysis

议程五: 突发灾害事件应急管理与处置案例分析	345
A NEW PHILOSOPHY IN EOC DESIGN: THE CASE OF RAJASTHAN STATE IN INDIA 在 EOC 设计的新理念: 印度拉贾斯坦状态为例.....	346
CZECH REPUBLIC – PILOT COUNTRY IN THE RESILIENT POWER 捷克共和国-迅速恢复供电的试点国家	357
PROPOSAL FOR UPDATING THE STANDING ORDERS ON DISASTER MANAGEMENT, BANGLADESH 孟加拉国更新灾害管理规程的建议.....	365
REDUCING RISK BY ADAPTATION TO TROPICAL CYCLONES IN CUBA EXPERIENCE OF CUBA DURING 14 YEARS OF STRONG TROPICAL CYCLONE ACTIVITY IN THE CARIBBEAN 14 年加勒比海域地区强龙卷风的经验对于古巴减灾防灾的启示.....	376
FOOD MANAGEMENT IN DISASTERS AN ITALIAN CASE STUDY 灾难中的食品管理——一个来自意大利的案例.....	385
NATURAL OR MAN-MADE DISASTER IN SAUDI CITY OF JEDDAH FLOOD DISASTER: LESSONS LEARNED JEDDAH 洪灾中的天灾人祸: SAUDI 市的经验教训.....	394
FLOOD-PREPAREDNESS STRATEGY FOR CULTURAL HERITAGE BUILDINGS AND THEIR CONTENTS 文物建筑的洪灾准备策略.....	402

AN EMPIRICAL ANALYSIS OF THE 2009 VICTORIAN BUSHFIRES: ISSUES, CHALLENGES, LESSONS AND STRATEGIES 2009 年维多利亚灌木林火的经验性分析：问题，挑战，经验与策略.....	408
--	-----

SESSION 6: China rescue on emergency management

议程六:中国应急救援.....	424
-----------------	-----

INFLUENZA A H1N1 VACCINATION OF CHINA'S SUBSIDIES POLICY 中国甲型流感 H1N1 病毒疫苗接种的补贴政策.....	425
CHINA METEOROLOGICAL EMERGENCY RESPONSE SYSTEMS IN THE 21ST CENTURY: PERSPECTIVE AND CASE STUDIES 21 世纪中国气象应急响应系统的展望和案例研究.....	433
INTERNATIONAL MILITARY COOPERATION ON DISASTER RELIEF 国际灾害救援的军事合作.....	441

SESSION 7: Transportation security, emergency management and Technologies

议程七：交通安全、应急管理及技术.....	449
-----------------------	-----

PROJECT SCHEDULING IN MARITIME TRAFFIC SYSTEM UNDER RISK 危险情况下海上交通系统的行程安排.....	450
SECURITY CHALLENGES IN THE CIVIL AVIATION SYSTEM 民用航空系统的安全挑战警惕和正念作为安全屏障.....	458
CROWDING AT TWO RAILWAY STATIONS IN CHINA DURING THE SPRING FESTIVAL 春节期间中国两个火车站的拥挤现象.....	468
RESEARCH ON THE COOPERATION MECHANISM OF INFORMATION SYSTEM INTEROPERATION BASED ON MAS 关于基于 MAS 的信息系统间相互操作的协同机制的研究.....	479
EMERGENCY MANAGEMENT IN THE Swiss LÖTSCHBERG BASE RAILWAY TUNNEL 瑞士卢维茨堡火车隧道的应急管理研究.....	490
TRAFFIC INFORMATION SAFEGUARDS SERVICES PROVIDED BY NATIONAL HIGHWAY NETWORK MANAGEMENT AND EMERGENCY CENTRE DURING BEIJING OLYMPIC GAMES 全国路网管理与应急处置中心奥运期间路况信息保障服务.....	502

STUDY ON PASSENGER'S EMERGENCY EVACUATION TIME IN RAILWAY STATION 火车站乘客应急疏散时间研究.....	507
RISK ASSESSMENT BASED ON ACCIDENT THEORY IN URBAN RAILWAY TRANSPORTATION 基于事故理论的城市轨道交通风险评价模型研究.....	514
CONTRIBUTION TO THE INCREASE SAFETY ON SHIP 提高船舶高安全的贡献.....	519

SESSION 8: Emergency for electricity/ National Infrastructure Protection Plan

议程八: 电力(重要基础设施)应急与保障	529
INTEGRATED IP COMMUNICATION SOLUTIONS FOR PUBLIC SAFETY WORKSHOP ON THE RESULTS OF THE EU-PROJECTS U-2010 & HNPS 公共安全集成 IP 通信解决方案.....	530
INFORMATION TECHNOLOGY AS A TOOL TO MITIGATE DISASTER EFFECTS ON SPECIAL NEEDS POPULATIONS 基于信息技术的特殊需求群体减灾效果研究.....	542
APPLICATION OF PLR CLASSIFICATION GUIDE FOR ACCIDENTAL POTENTIAL IN BEIJING LPG STORAGE AND DISTRIBUTION STATION PLR 分类指南在北京 LPG 存储与配送站事故偶发可能性上的应用	553
WHERE IVS WHERE SAFETY IVS 即安全.....	561
A REAL TIME TRAIN RESHCEDULING IN CASE OF SWITCH FAILURE IN HIGH SPEED RAILWAY 通过实时调整运行方案来应对高速行驶火车出现的故障.....	571

PART II: Chinese Papers 第二部分：中文论文

议程一：全球地震巨灾的应急响应、救援与恢复重建

SESSION 1: Global Earthquake Catastrophe Emergency Response, Rescue and Recovery 582

基于电话语音的地震灾情分析系统 Telephone Speech Recognition Based Earthquake Disaster Analysis System.....	583
应对特大地震灾害的若干宏观对策 Macro Countermeasures against Super Earthquake Disasters	586
汶川地震的预防与预警工作分析 Analysis on prophylactic and warning works in Wenchuan Earthquake	591
重大地震灾害应急响应与跟踪监测——以北川县为例 Major Earthquake Emergency Response and track and monitor - north of Sichuan Province	606
汶川地震专业救援初步分析与地震巨灾救援管理 Preliminary analysis of the professional rescue in wenchuan earthquake and catastrophe rescue management.....	612
超图与地震救援 SuperMap and earthquake rescue.....	619
地震灾害信息快速分析在地震应急救援中的作用初探 Discuss the role of rapid analysis of earthquake disaster information in the earthquake emergency rescue	625
浅析无线通讯技术在地震应急救援中的应用 Application Research of Wireless Communication Technique in Earthquake Search and Rescue	631
GIS 在政府综合应急中的应用 Application of GIS in integrated emergency management of government	636

议程二: 风险评估与管理/风险分析模拟技术

SESSION 2: Risk assessment and management/ Risk Analysis Simulation Techniques 640

基于系统动力学的公共危机网络传播管理研究 Research on Public Crisis Communication Management in Internet based on System Dynamics.....	641
基于断块分级理论的北京城市安全新方法研究 Beijing-based block classification theory of a new method of urban safety	649
城市综合应急管理体系建设研究: 以南京市为例 Establishing Integrated Urban Emergency Management System: Case of Nanjing, China	655
社会保障常态与非常态管理的风险视域与防范 Risk Estimation and Prevention in Social Security Management	662
三合一场所火灾危险性的模糊综合评价 Fuzzy Synthetic Evaluation for Fire Risk in a Spot of Three Functions.....	672
重大事故的离散幂律分布——以煤矿事故为例 Discrete power-law distribution of major accidents——a case study of coalmine fatalities in China.....	676
基于秩和比法的突发事件风险水平评估 Risk Assessment of emergency incidents based on the rank sum ratio method in China.	681
基于风险的突发事件应急准备能力评估方法 Risk-based assessment model for emergency preparedness capability of emergency incidents in China	686
中小校园突发事件风险分析的指标体系研究 Indexes Study of Risk Assessment on Primary and Secondary Schools' Emergent Events	696
应用不确定分析的风险评估方法研究 Study on Risk Assessment with Uncertainty Analysis.....	700

议程三: 非政府组织在应急管理中的角色

SESSION 3: Role of NGO in Emergency Management 706

非营利组织在应急管理中的角色分析 Analyzing the roles of Non-profit organization in the management of meeting an	
--	--

emergency..... 707

灾害应急：我国非政府组织的参与路径与困境分析

Disaster emergency: the analyses of NGOs participate paths and difficulties in China ..711

议程四：培训与演练/应急管理教育/大规模伤亡事件应急的战略、战术与工具

SESSION 4: Training and Drill/ Emergency Management Education/ Strategies, Tactics,

and Tools to Effectively Manage Mass Casualty Incidents..... 716

巨灾重建融资政策体系之探索

Exploration of the Financing Policy System for Reconstruction717

应急管理心理危机干预研究

Research on the mental crisis intervention in emergency management 728

城市应急文化及培育关键因素分析

Analysis of City Emergency Cultural and Cultivating Critical Factors734

我国非传统安全应对机制系统研究

Systemic Research on Coping Mechanisms of Non-traditional Security in China 740

关于应急管理能力培训中案例教学的若干思考

On Reflections of Emergency Management Ability Training in Case Teaching 743

大学生应急教育研究

Emergency Education for College Students 746

基层政府开展应急管理宣教工作的问题与对策

The Questions and Countermeasures of Propaganda Work in Emergency Management for the Grass-root Government 752

议程五：突发灾害事件应急管理与处置案例分析

SESSION 5: Accidents Emergency Management and Cases Analysis 762

地方政府对突发公共事件的网络舆论回应机制研究

Study on the Responsive Mechanism of Local Government to the Public Opinion of Public Emergency..... 763

公共危机事前预防投入过低问题的分析与对策

Analysis and Countermeasure of Underinvestment in Public Crisis Prevention.....	769
公共应急管理中行政伦理问题的探究	
Research on Administrative Ethics in Public Emergency Management.....	775
我国当前公共危机管理存在的问题及对策研究	
China's current public crisis management problems and countermeasures.....	781
从“3•28”王家岭煤矿透水事故的抢险救援反思中国事故灾难应急准备体系	
Reflection of the Chinese Disaster Preparedness System Based on the Analysis of the "3 • 28" Wangjialing Coal Mine Flooding Accident Rescue.....	785
中国应急物流体系建设与发展	
The Construction and Development of Chinese Emergency Logistics System.....	792
大力推进中国军队集成化应急供应链管理	
Promoting China Army Integrated Emergency Management for Supply Chain.....	800
从中国应急管理体制看中国中央政府和地方政府的的关系	
China Emergency Management System from Chinese central government and local government relations.....	805

议程六:中国应急救援

SESSION 6: China rescue on emergency management 809

灾害谣言的传播机制与政府的应急策略	
The Transmission Mechanism of Disaster Rumor and Government's Tactics for Emergent Response.....	810
无人机遥感关键技术研究及其在减灾中的应用	
Key Techniques of Research for Unmanned Aerial Vehicles Remote Sensing and Its Application in Disaster Relief.....	815
基于遗传算法的交互式政府应急现场预案研究	
Interactive genetic algorithm based on site plans of the Government Emergency.....	820
关于我国食品药品安全应急体系建设的思考	
About China's food and drug safety emergency system construction.....	824
灾难搜救机器人的运动机理和研究进展	
Locomotion Mechanisms and Research Status of Search and Rescue Robot.....	828
广东省加强应急管理区域合作实践与探索	
The Research on the Regional Cooperation of Guangdong Province.....	835

加快推进中国城市应急避难场所规划的思考 Considerations on Promotion of Urban Emergency Shelters Planning in China	836
危机型突发事件新概念 Crisis emergencies: a new conception	840
非常规突发事件影响下的区域疏散能力评估模型研究 The Evaluation Model for Road Network Evacuation Capability under the Influence of Unconventional Emergencies.....	845
有限资源能力下反恐设施选址动态博弈模型 A Game-theoretic Model of Terror Response Facility under Capacity Constraints	851
非常态治理：关于建立“准大部门制”应急管理体制的思考 Unconventional Governance: On the Establishment of "Quasi-Large Ministry System" of the Emergency Management.....	855
WorldView-2 卫星波段特点及其在遥感信息提取中的应用 The Band Characteristics of WorldView-2 Satellite and Its Practical Applications in the Information Extraction	861
中国环境保护部（国家核安全局）核应急工作 The overview of nuclear emergency by the Response of Emergency Management Office of Ministry of Environmental Protection of PRC	864
物联网在应急响应系统中的应用 The Application of Internet of Things(IOT) in Emergency Response System	867
基于朗格朗日松弛算法的应急物资调配模型研究 Research on Emergency Resources Delivery Model: based on Lagrange relaxation method	871

议程七:交通安全、应急管理及技术

SESSION 7: Transportation security, emergency management and Technologies ... 879

基于模糊矩阵法的道路安全交通环境风险评价 Road Safety Risk Evaluation Based on Fuzzy Matrix	880
大城市突发事件下智能公交应急救援体系探讨 Analysis of intelligent Urban buses using for emergency incidents.....	885
轨道交通桥梁健康状态监控技术发展研究 A Survey for the Bridge Condition Monitoring Techniques in Rail Traffic Systems.....	890
轨道交通隧道健康状态监测技术发展现状	

A Survey for the Health Condition Monitoring Technologies for Rail Traffic Tunnels.....	894
青藏铁路应急管理问题分析及对策研究 Qinghai-Tibet Railway Emergency Management Problem Analysis and Countermeasures	900
城市轨道交通应急响应分析 Emergency Response Analysis in Urban Mass Transit	905
应急避难场所选择模型 A Model of Choosing Shelters for Emergency Evacuation	911
铁路应急联动救援研究 Emergency Response Rescue of Railroad Research	917
地震应急通道在城市总体交通规划中的重要性 The importance of Earthquake Emergency Corridor planning in the overall urban transport planning.....	920
高速公路应急管理系统框架研究 Study on the Framework of the Expressway Emergency Management System.....	929

议程八: 电力(重要基础设施)应急与保障

SESSION 8: Emergency for electricity/ National Infrastructure Protection Plan 934

电力系统连锁故障动力学模拟 Power System Cascading Failure Dynamics Simulation	935
电力应急平台中数据采集与交换技术研究 Research on Data Collection and Exchange of Electric Power Emergency Management Platform.....	939
互相依赖的关键基础设施系统在应急管理中的研究 Interdependent Critical Infrastructure Systems in Emergency Management	943
基于政府主导的城市电力应急能力综合评价指标体系构建优化 Government-Dominated City Power System Emergency Response Capability Assessment Indicator System.....	949