

# 中小企业管理与科技

主办:河北省中小企业服务中心 / 出版:河北中小企业管理与科技杂志社有限公司 / 国内统一连续出版物号:CN13-1355/F



## 管理探索

- 1 中小企业内部控制管理存在的问题及其应对措施研究(郝俊美)
- 3 企业人力资源管理中的薪酬管理探讨(刘纪旬)
- 5 浅谈企业人力资源管理培训及其应用(左苗苗,李金金,胥旭,李红想)
- 7 结合全面预算管理建立成本费用控制的长效机制的思考(刘彦君)
- 9 大数据云计算下网络安全管理的具体方法探讨(陈琰)
- 11 石化企业基层队伍建设及管理的路径探讨(何海红)
- 13 有关消防产品监督管理工作新趋势的研究(潘佼斌)
- 15 新时期石化企业档案管理工作发展浅析(苏杭)
- 17 水利工程建设施工合同管理应该注意的问题(尹志奇,张经宇)
- 19 初探相关分析在企业管理工作中的应用(王玲)
- 21 人力资源经济管理在行政事业单位中的应用策略研究(李淑华)
- 23 浅谈我国商业银行信贷风险管理及对策(张建国)
- 25 市政建设施工管理中存在的问题及解决办法(李克红)
- 27 基于安全生产标准化的机械制造企业安全管理优化措施阐述(薛卿)
- 29 公路桥梁施工建设的成本控制与管理分析(傅磊)
- 31 浅谈房地产开发企业成本控制措施(张蕾)
- 33 基于建筑经济角度对建筑工程项目管理的要点分析(王伟伟)
- 35 加强公众聚集场所消防监督管理的几点思考(赵家政)
- 37 石油化工安全生产风险控制的有效策略(顾昱煜,王静)
- 39 制度变迁下我国电力企业成本管理的问题及对策研究(张欣安)
- 41 电力电气设备管理存在的问题及改善措施(贺雯,张军,杨莉)
- 43 信息化在农业经济管理中的应用(宋红杰)
- 45 全生命周期视域下的电缆项目验收管理模式创建分析(朱一未,陆姣)
- 47 论铁路内部审计如何有效参与企业风险管理(张立超)
- 49 基于供应链的库存管理转型升级研究(郭本涛)
- 51 企业后勤服务管理质量提升策略(邵渃妍)
- 53 我国建筑工程造价管理与控制存在的问题及对策探析(张清源)

## 产经视点

- 55 环境监测中如何提高水污染环境监测质量(夏璐)
- 57 基于生态文明理念的水利生态旅游发展策略探讨(王大力)
- 59 濮阳农产品食品进出口现状分析(杨淑斐)
- 61 环境工程中工业污水治理中存在的问题及解决策略 (门永红,陈秀锦,杜宇,徐雪米)
- 63 基于三阶段 DEA 模型的珠江 西江经济带财政支农支出效率评价 (刘一笑)

# 企业党建

- 66 浅谈新形势下如何加强国企基层党支部建设(陈建军)
- 68 国有企业党组织建设工作的探讨与思考(杨璐)
- 70 国有企业党建工作的思考与探索(马天俊)

#### 创业创新

- 72 "互联网+人社"环境下基层社保服务的创新探究(潘杰)
- 74 信息化环境下核电文档服务模式创新及应用(宋吉丽)
- 76 企业职工教育培训机制创新的研究(李金金,李英琦)

#### 财税金融

- 78 行政机关实施新《政府会计制度》面临的挑战(吴雪梅)
- 80 供应链金融视角下小微企业融资模式探索(陈宇)
- 82 政府会计制度改革对事业单位财务管理的影响(贾授权)
- 84 成本监审下的城镇燃气企业财务管理措施(牛燕)
- 86 供应链金融风险及其可视化管理路径(吴志军)
- 88 建筑施工企业财务管理风险及审计对策思考(崔旭峰)
- 90 刍议大数据时代经济责任审计的变化及相关策略(常泽曦)
- 92 中小企业财务管理存在的问题及对策探讨(龚正越)

- 94 试谈国有企业的财会监督(吴静)
- 96 审计全覆盖视域下的预算执行审计问题研究(刘光旭)
- 98 企业经营决策中财务分析应用的重要作用及对策(余科)

#### 社科论坛

- 100 中国省域生产性服务业集聚对绿色全要素生产率的影响研究 (牛镕恺)
- 103 基于 PMBOK 的精益改善项目启动与规划思路探究(谭航)
- 106 丁程机械的智能化趋势与发展对策(白巍)
- 108 提升图书馆服务效能(雷忠恺)
- 110 浅析太阳能光伏电站对环境的影响(任乃俊)
- 112 土地利用规划环境影响评价若干问题探讨(郭兆云)
- 114 港口电气设备日常检修工作的策略思考(李顺利)
- 116 试析信息化管理在电力地下管线测绘工作中的应用(唐黎明)
- 118 城乡一体化交通运输发展(任庆陆)
- 120 江苏省中小企业跨境电商出口发展现状及问题分析(王鑫义)
- 122 工商管理学科演进与前沿热点的可视化分析(胡天向)
- 124 新经济发展格局下中小企业高质量发展模式取向研究 (王飞,王佳,张宁宁,张莉,张红瑞)
- 128 会计信息系统对企业内部控制的影响探究(佟晓明)
- 130 大数据时代网络信息安全及对应策略研究(集世璞)
- 132 "百行进万企"数字赋能普惠的行与思(刘治国)
- 134 论数字环境下图书馆会展的发展与创新(吴梦云)
- 136 构建多层次企业福利体系探索(张曼云)
- 138 建立世界城市背景下的城乡消防综合预警模式探索(王宏飞)
- 140 探讨环境保护动态监测及应急管理的有效措施(王雅茹)
- 142 铸造企业环保问题及解决措施研究(徐彩平)
- 144 论信息管理与信息系统在电子商务中的应用(王思嘉)
- 146 小水电工程生态修复研究(魏永键)

# 技术与实践

- 148 公路工程路基施工质量控制技术探讨(孙健)
- 150 基于电成像资料的孔洞识别与计算 (白金昊,张裕,赵爽,赵百强,马翠卓,师执峰)
- 152 电力系统通信站防雷技术改造的必要性(孟祥鹿)
- 154 盾构掘进机及其液压技术的应用(张建宏)
- 156 渡槽降糙增流及混凝土加固防护技术(张会梅)
- 158 软件最坏场景运行时间快速计算方法研究(陈勇)
- 160 机械加工制造中数控加工技术实践分析(王海燕)
- 162 PLC 控制技术的特点和发展方向研究(巩英慧)
- 164 油气储运中油气回收技术的具体运用分析(王吉)
- 166 浅析数字化交付在电气工程设计中的应用(邢程贇)
- 168 计算机网络安全中数据加密技术的有效应用(苏锋,吕良)
- 170 铁路工程施工中软土地基处理技术探究(杨东鹏)
- 172 浅谈石油化工企业安全评价技术(黄建华,马宏生)
- 174 试论地质灾害监测技术在绿色矿山建设中的应用(王青)
- 176 桥梁工程中混凝土裂缝成因及防治对策(张立营)
- 178 从路基设计谈路桥讨渡段不均匀沉降的控制(魏才丽)
- 180 新型喷射泵抽吸与凝结水回收系统的设计(曹玉轲)
- 182 高层建筑给水排水工程设计及施工技术分析(高建增)
- 184 高压变频器常见故障分析及处理(王晓霞)
- 186 试论虚拟样机技术在仪表机械设计过程中的应用(徐立佳)
- 188 高效节能型导热油温控单元组的设计与开发(于森)
- 190 化工企业危险工艺自动化控制及安全联锁的相关探讨 (马宏生,黄建华)
- 192 非金属露天矿山主要生产工艺及其特征分析(石磊)
- 194 减少底部抗反射涂层(BARC)的缺陷:对优化与分离过滤过程和打胶过程的研究(朴勇男,张晨阳,邢栗,李庆斌)

# **Management Exploration**

- 1 Research on the Problems Existing in the Internal Control Management of Small and Medium-Sized Enterprises and Its Countermeasures (HAO Jun-mei)
- Discussion on the Salary Management in Enterprise Human Resources
   Management (LIU Ji-xun)
- 5 Discussion on the Human Resources Management and Training in Enterprises and Its Application (ZUO Miao-miao, LI Jin-jin, XU Xu, LI Hong-xiang)
- 7 Reflections on Establishing a Long-Term Cost Control Mechanism Combined with the Comprehensive Budget Management (LIU Yan-jun)
- 9 Discussion on the Specific Methods of Network Security Management Under Big Data and Cloud Computing (CHEN Yan)
- 11 Discussion on the Paths of Construction and Management of Grassroots Team in Petrochemical Enterprises (HE Hai-hong)
- 13 Research on the New Trend of the Supervision and Management Work of Fire Protection Products (PAN Jiao-bin)
- 15 Analysis of the Development of Archives Management Work in Petrochemical Enterprises in the New Period (SU Hang)
- 17 Problems that Should be Paid Attention to in the Construction Contract Management of Water Conservancy Engineering (YIN Zhi-qi, ZHANG Jing-yu)
- 19 Analysis of the Application of Correlation Analysis in Enterprise Management Work (WANG Line)
- 21 Research on the Application Strategies of Human Resources Economic Management in Administrative Institutions (LI Shu-hua)
- 23 Discussion on the Credit Risk Management of China's Commercial Banks and the Countermeasures (ZHANG Jian–guo)
- 25 The Problems Existing in the Management of Municipal Construction and the Solutions (LI Ke-hong)
- 27 Discussion on the Optimization Measures of Safety Management in Machinery Manufacturing Enterprises Based on Safety Production Standardization (XUE Qing)
- 29 Analysis of the Cost Control and Management of Highway and Bridge Construction (FU Lei)
- 31 Discussion on the Cost Control Measures of Real Estate Development Enterprises (ZHANG Lei)
- 33 Analysis of the Key Points of Construction Engineering Project Management Based on the Perspective of Construction Economy (WANG Wei-wei)
- 35 Some Thoughts on Strengthening the Fire Supervision and Management of Public Assembly Occupancy (ZHAO Jia-zheng)
- 37 Effective Strategies for Risk Control of Petrochemical Safety Production (GU Yu-yu, WANG Jing)
- 39 Research on the Problems and Countermeasures of Cost Management in China's Electric Power Enterprises Under Institutional Change (ZHANG Xin–an)
- 41 Problems Existing in the Management of Power Electrical Equipment and Improvement Measures (HE Wen, ZHANG Jun, YANG Li)
- 43 The Application of Informatization in Agricultural Economic Management (SONG Hong–jie)
- 45 Analysis of the Creation of Cable Project Acceptance Management Mode from the Perspective of the Whole Life Cycle (ZHU Yi-wei, LU Jiao)
- 47 Discussion on How to Effectively Participate in Enterprise Risk Management by Railway Internal Audit (ZHANG Li-chao)

- 49 Research on the Transformation and Upgrading of Inventory Management Based on Supply Chain (GUO Ben-tao)
- 51 The Strategies of Improving the Quality of Logistics Services Management in Enterprises (SHAO Ruo-yan)
- 53 Analysis of the Problems Existing in the Cost Management and Control of Construction Engineering in China and the Countermeasures (ZHANG Qing–yuan)

# **Observation of Industrial and Economy**

- 55 How to Improve the Quality of Water Pollution Environmental Monitoring in Environmental Monitoring (XIA Lu)
- 57 Discussion on the Development Strategies of Water Conservancy
  Eco-Tourism Based on the Concept of Ecological Civilization (WANG Da-li)
- 59 Analysis of the Current Situation of Import and Export of Agricultural Products and Foods in Puyang (YANG Shu–fei)
- 61 The Problems Existing in the Industrial Wastewater Treatment in Environmental Engineering and the Solving Strategies (MEN Yong-hong, CHEN Xiu-jin, DU Yu, XU Xue-mi)
- 63 Efficiency Evaluation of Fiscal Expenditure for Agriculture in Pearl River–Xijiang Economic Belt Based on Three Stage DEA Model (LIU Yi–xiao)

# **Enterprise Party Building**

- 66 Discussion on How to Strengthen the Construction of Grassroots Party Branch of State–Owned Enterprises in the New Situation (CHEN Jian–jun)
- 68 Discussion and Reflections on the Construction of Party Organization in State-Owned Enterprises (YANG Lu)
- 70 Reflections and Exploration on Party Building Work in State–Owned Enterprises (MA Tian–jun)

## **Entrepreneurial and Innovation**

- 72 Research on the Innovation of Grassroots Social Security Service Under the "Internet + People and Social Security" Environment (PAN Jie)
- 74 Innovation and Application of Nuclear Power Document Service Mode Under Informatization Environment (SONG Ji–li)
- 76 Research on Innovation of Education and Training Mechanism for Enterprise Workers (LI Jin–jin, LI Ying–qi)

#### **Finance and Tax**

- 78 Challenges Faced by Administrative Offices in Implementing the New "Government Accounting System" (WU Xue-mei)
- 80 Exploration on the Financing Mode of Small and Micro Enterprises from the Perspective of Supply Chain Finance (CHEN Yu)
- 82 The Influence of Government Accounting System Reform on Financial Management of Public Institutions (JIA Shou–quan)
- 84 Financial Management Measures of Urban Gas Enterprises
  Under the Cost Regulation (NIU Yan)
- 86 The Financial Risk of Supply Chain and Its Visual Management Path (WU Zhi-jun)
- 88 Reflections on the Financial Management Risks and Audit Countermeasures of Construction Enterprises (CUI Xu-feng)
- 90 Discussion on the Changes of Economic Responsibility Audit and Its Related Strategies in the Big Data Era (CHANG Ze-xi)

# 中小企业管理与科技·CONTENTS

- 92 Discussion on the Existing Problems and Countermeasures of Financial Management in Small and Medium-Sized Enterprises (GONG Zheng-yue)
- 94 Discussion on Financial and Accounting Supervision of State–Owned Enterprises (WU Jing)
- 96 Research on the Problems of Budget Implementation Audit from the Perspective of Full Coverage of Audit (LIU Guang-xu)
- 98 The Important Role and Countermeasures of Applying Financial Analysis in the Business Decision–Making in Enterprises (YU Ke)

# **Social Science Forum**

- 100 Research on the Impact of Provincial Production Service Industry Agglomeration on Green Total Factor Productivity in China (NIU Rong-kai)
- 103 Research on Lean Improvement Project Start-Up and Planning Ideas Based on PMBOK (TAN Hang)
- 106 The Intellectualization Trend and Development Countermeasures of Construction Machinery (BAI Wei)
- 108 Improving Library Service Efficiency (LEI Zhong-kai)
- 110 Analysis of the Impact of Solar Photovoltaic Power Station on the Environment (REN Nai–jun)
- 112 Discussion on Some Problems of Environmental Impact Assessment of Land Use Planning (GUO Zhao-yun)
- 114 Reflections on the Strategy of Routine Maintenance Work of Port Electrical Equipment (LI Shun-li)
- 116 Analysis of the Application of Informatization Management in Surveying and Mapping Work of Underground Power Pipeline (TANG Li-ming)
- 118 Urban and Rural Integrated Transport Development (REN Qing-lu)
- 120 Analysis of the Development Status and Problems of Cross–Border E–Commerce Export of Small and Medium–Sized Enterprises in Jiangsu Province (WANG Xin–yi)
- 122 Visual Analysis of the Evolution of Business Administration Discipline and Frontier Hot Spots (HU Tian-xiang)
- 124 Research on the Orientation of High Quality Development Mode of Small and Medium-Sized Enterprises Under the New Economic Development Pattern (WANG Fei, WANG Jia, ZHANG Ning-ning, ZHANG Li, ZHANG Hong-rui)
- 128 Analysis of the Influence of Accounting Information System on Internal Control of Enterprises (TONG Xiao-ming)
- 130 Research on Network Information Security and Corresponding Strategies in Big Data Era (JI Shi-pu)
- 132 The Development and Reflections of Digital Enabling Financial Inclusion Under "One Million Enterprises" (LIU Zhi-guo)
- 134 Discussion on the Development and Innovation of Library Exhibition in Digital Environment (WU Meng-yun)
- 136 Exploration on Building Multi–Level Enterprise Welfare System (ZHANG Man–yun)
- 138 Exploration of Setting Up the Urban and Rural Fire Protection Comprehensive Early Warning Mode Under the World City Background (WANG Hong-fei)
- 140 Discussion on Effective Measures for Dynamic Monitoring and Emergency Management of Environmental Protection (WANG Ya-ru)
- 142 Research on Environmental Protection Problems and Solutions of Foundry Enterprises (XU Cai-ping)
- 144 Discussion on the Application of Information Management and Information System in E-Commerce (WANG Si-jia)

146 Research on the Ecological Restoration of Small Hydropower Projects (WEI Yong-iian)

# **Technology and Practice**

- 148 Discussion on Quality Control Technology of Subgrade Construction in Highway Engineering (SUN Jian)
- 150 Pore Identification and Calculation Based on Electrical Imaging Data (BAI Jin-hao, ZHANG Yu, ZHAO Shuang, ZHAO Bai-qiang, MA Cui-zhuo, SHI Zhi-feng)
- 152 The Necessity of Lightning Protection Technology Reformation in Communication Station of Power System (MENG Xiang-lu)
- 154 Application of Shield Tunneling Machine and Its Hydraulic Technology (ZHANG Jian-hong)
- 156 Technology of Reducing Roughness and Increasing Flow of Aqueduct and Reinforcing Protection of Concrete (ZHANG Hui-mei)
- 158 Research on Fast Calculation Method of Software Worst Case Execution
  Time (CHEN Yong)
- 160 Analysis of the Practice of Numerical Control Machining Technology in Mechanical Manufacturing (WANG Hai–yan)
- 162 Research on the Characteristics and Development Direction of PLC Control Technology (GONG Ying-hui)
- 164 Analysis of Specific Application of Oil and Gas Recovery Technology in Oil and Gas Storage and Transportation (WANG Ji)
- 166 Analysis of the Application of Digital Delivery in Electrical Engineering Design (XING Cheng-yun)
- 168 Effective Application of Data Encryption Technology in Computer Network Security (SU Feng, LV Liang)
- 170 Research on Soft Soil Foundation Treatment Technology in Railway Engineering Construction (YANG Dong-peng)
- 172 Discussion on Safety Evaluation Technology of Petrochemical Enterprises (HUANG Jian-hua, MA Hong-sheng)
- 174 Discussion on the Application of Geological Disaster Monitoring Technology in the Construction of Green Mine (WANG Qing)
- 176 Causes and Prevention and Control Measures of Concrete Cracks in Bridge Engineering (ZHANG Li-ying)
- 178 Discussion on the Control of Uneven Settlement in the Transition Section of Road and Bridge from Subgrade Design (WEI Cai-li)
- 180 Design of New Type Jet Pump Pumping and Condensate Recovery System (CAO Yu–ke)
- 182 Analysis of Water Supply and Drainage Engineering Design and Construction Technology of High–Rise Buildings (GAO Jian–zeng)
- 184 Common Fault Analysis and Treatment of High Voltage Frequency Converter (WANG Xiao-xia)
- 186 Discussion on the Application of Virtual Prototyping Technology in the Design Process of Instrument and Machinery (XU Li-jia)
- 188 Design and Development of Heat Transfer Oil Temperature Control Unit with High Efficiency and Energy Saving (YU Miao)
- 190 Discussion on Automatic Control and Safety Interlocking of Dangerous Process in Chemical Enterprises (MA Hong-sheng, HUANG Jian-hua)
- 192 Analysis of the Main Production Processes and Characteristics of Non-Metal Open-Pit Mines (SHI Lei)
- 194 Reducing the Defects of Bottom Anti–Reflective Coatings (BARC): Research on the Optimization and Separation of Filtration Process and Gluing Process (PIAO Yong–nan, ZHANG Chen–yang, XING Li, LI Qing–bin)