

# Cases on AI Innovations in Occupational Health and Safety

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## Description:

Hazards are a significant concern to businesses, including handling heavy or biomedical materials and machine operation. Innovations in occupational health and safety may prevent injuries and accidents and increase the physical health of the employees. Artificial intelligence (AI) tools may increase workplace safety by offering real-time monitoring technologies and safety hazard prediction. Consequently, costs associated with incidents may be decreased and working conditions may improve, enhancing the well-being of employees.

**Cases on AI Innovations in Occupational Health and Safety** explores applications of intelligent technology in the field of occupational health and safety. It provides real-life examples on how risk management and hazard prevention have been reshaped by AI and machine learning technologies. Covering topics such as bio-risk management, long short-term memory (LSTM), and urban informal vendors, this book is an excellent resource for safety policymakers, technology innovators, consultants, safety practitioners, business managers, professionals, researchers, academicians, and more.

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**Hardcover:** \$220.00 **Softcover:** \$180.00 **E-Book:** \$220.00 **Hardcover + E-Book:** \$330.00

## Topics Covered:

Artificial Intelligence (AI)	Long Short-Term Memory (LSTM)
Automated Health and Safety Recommendations	Manual Handling Safety
Bio-Risk Management	Nurse Well-Being
Biotechnology Research	Occupational Health and Safety
Data Privacy	Osteoarthritis Detection
Demographic-Specific Challenges	Predictive Analytics
Digital Health Technologies	Quality Assurance
Hazardous Materials Transportation	Real-Time Monitoring Technologies
Hearing Deterioration	Robotics
Incident Prevention	Urban Informal Vendors

**Subject:** Business and Management

**Readership Level:** Advanced-Academic Level (Research Recommended)

**Classification:** Edited Reference

**Research Suitable For:** Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

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