

Special Issue

Accident Prevention and Occupational Risk Assessment

Message from the Guest Editor

Safety science is the interdisciplinary study of accidents and accident prevention. Occupational risk assessment is one of the main research topics in safety science.

Most risk assessments are based on the combination of the likelihood and expected consequences of a certain risk in a certain scenario. From a practical point of view, accident prevention should be designed based on occupational risk assessment. In Europe, the Framework Directive 89/391/EEC mandates that the employer shall be in possession of an assessment of the risks to safety and health at work and decide on the protective measures to be taken and, if necessary, the protective equipment to be used. This Special Issue is focused on theoretical and practical research related to how to better assess risks and how to make more useful risk assessments to prevent accidents. We expect that articles will include new or improved risk assessment methods, evaluations of the application of risk assessments and methods and frameworks that link risk assessment and prevention measures.

Guest Editor

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Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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