

Open accident early warning information systems

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Accidents occur in anywhere all over the world every day. However, many accidents are avoidable. Wangjialing Mine accident occurred in China in 2010 is a typical case which caused 38 people dead, whose rescue lasted for 20 days and whose rescue expenses are more than RMB 150 million yuan. According to news, some workers had found accident omens before the accident occurred, but the leader ordered them to go on working. One hour later, the accident occurred. If accident early warning information systems was perfect, the person who can decide stopping work would send a direction to order the works to stop their work before the danger is eliminated. Another case is Wenzhou D-prefaced trains accident occurred in China in 2011 which caused 40 people dead and around 200 people jury. In the course of D-prefaced trains continual speeding, there are many disputes about speed and safety. Some companies and some people, even some officers from the governments ignored the public's kind early warning and violated the principle that punctuality is more important than speed in public transportation.

Based on the above, an open accident early warning information systems have been developed. Once it is successfully used by responsible organizations and people, it will play an important role in preventing accidents. Its main functions include recording accident early warning information, searching accident early warning information, sending accident early warning information, maintaining all information and auxiliary information. It is an open, easy-use and friendly-interface accident early warning information reporting platform.

Biography

Dr. Hongchang An has completed his PhD in 2004 from Beijing Institute of Technology, China and postdoctoral studies from Beijing University of Technology, China. He is the head of Teaching and Research Office of Emergency Management, China Institute of Industrial Relations, China. He has published more than 30 papers in reputed journals and serving as an editorial board member of Journal of Information Technology and Software Engineering.

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