AI RISKS AND EMERGENCY MANAGEMENT

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Abstract – Practitioner talk

The use of Artificial Intelligence (AI) technology is bringing benefits to many sectors of society, including Emergency Management. However, AI also brings with it risks associated with privacy, misinformation, persuasion, personal freedoms, lethal and non-lethal weapons, economic stability, infrastructure dependence, and unintended consequences. This presentation examines the types of emergencies that might arise from the risks of AI, and how the practice of emergency management will need to evolve to prepare for and respond to them. For example, risk assessments will need to keep up with AI advances; new safety standards will need to be developed and audited to provide back-ups and other contingencies for emergencies associated with increasingly interconnected and automated infrastructure; and emergency management may require the use of its own AI technology to monitor AI systems and counteract AI emergencies.

Keywords: artificial intelligence, AI risks, AI emergency management

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