



TRACK: Operational applications and perspectives

**14th International Conference on
INFORMATION SYSTEMS FOR CRISIS RESPONSE AND MANAGEMENT**

“AGILITY IS COMING”

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INTRODUCTION TO THE TRACK “Operational applications & perspectives”

Operational crisis management (fire, flood, riot, terrorism, pollution) is today a large field of development for data sharing, analysis, and mapping. Such conditions of data use imply a robust and reliable chain of treatment and in the same time the capacity to work faster and better for the users giving to them the appropriated situation awareness to take the right decisions at the right time. If a large quantity of data are now collected by the different headquarters, the upcoming steps are still to provide integrated solutions which are in capacity to collect qualitative and quantitative data, cross analyse them, support the operator to make the necessary selection, help to identify which data could be considered as an information, and finally provide to the headquarters the capacity to be an efficient intelligence agency for crisis management. Indeed, the main challenge for operational people using information systems is mainly to win the battle of time, going to the reaction and adaptation times to the anticipation one, which is the best way to try to reduce huge impacts, large disorders, main costs and life losses.

Objective of this Track is to provide an overview of existing solutions and solutions under development which could give to the users a better capacity to manage complex and critical situation. It is also a time given to the users, researchers and solutions providers to share feedbacks, requirements, concepts, ideas. The aim of this track is to increase the public-private R&D partnerships on information systems for crisis management by reducing the gaps between research, innovation, business and operations.

TRACK TOPICS

- *Solutions and Innovation applied to Civil Protection, Security, Public order, Local Governance*
- *Big Data for security & safety missions*
- *SMEM (Social Media in Emergency Management) : lessons learned and prospective analysis*
- *GIS (Geographical Information Systems) and Spatial Analysis solutions or studies*
- *ISR (Intelligence Surveillance Reconnaissance) : solutions and applications*
- *Ergonomy studies for end-users solutions*
- *EU projects outputs (mainly FP7 & H2020)*

AUTHORS AND REVIEWERS RECRUITEMENT

The DG HOME european network of end-users, named « Community of Users - CoU» will be involved in order to take the opportunity to share best practices for information exchange, legacy systems, systems interoperability, protocols used, metadata, privacy data rules, innovation, european projects outputs. The French National Research Agency (ANR) is supporting this initiative.

Authors from international civil protection units & headquarters (local, regional, national), SMEs, large group and research labs are welcoming in this track.

TRACK CHAIR AND CO-CHAIR



Dr. Adrien MANGIAVILLANO*
adrien.mangiavillano@gmail.com

(1) Entente-Valabre ; (2) Ecole Nationale Supérieure des Officiers de Sapeurs-Pompiers (ENSOSP)

Doctor in Geography & Spatial Analysis (Avignon University).
Associate researcher ENSOSP. 15 years of experience in the domain of innovation for fire, crisis & risk management in the EU.

Dr. Audrey SENATORE
audrey.senatore@ensosp.fr

Ecole Nationale Supérieure des Officiers de Sapeurs-Pompiers
(ENSOSP)



Doctor in Law. Head of research laboratory CERISC. Innovation & Research manager.

**Corresponding Chair*