Collaris

Project management:
Centrum Badań
Kosmicznych Polskiej
Akademii Nauk (CBK PAN)

Funding:
European
Commission
(UCPM)

COLLaborative
network
on unmanned
Ae**RI**al **S**ystems

COLLARIS aims to establish a
sustainable European network
related to the use of unmanned
aerial systems (UAS) in civil
protection & disaster response.

Interested in joining the network?
Get in touch!

✉ Collaris-network@cbk.waw.pl

in linkedin.com/company/collaris-network

🐦 x.com/COLLARISNetwork

COLLARIS on the
UCPKN platform

Background and Objectives

COLLARIS is an international network of crisis management and civil protection practitioners, research institutions and public organizations interested in collecting and transferring knowledge, experiences, skills, good practices and information on operational procedures for the **optimal use of drones and other UAS in crisis management** and rescue missions.

This topic is clearly an ongoing issue of systemic relevance to the UCPM community as a whole - at regional, national and European level, and may contribute to increase the overall preparedness and ensure an effective rapid response to a disaster.

Drones are more and more widely used by rescue services in all EU countries in various crisis situations and are also utilized by UCPM Modules - but not always to the best of their technical capabilities. COLLARIS seeks to change that by focusing on strengthening individual capacities in the chosen domain. Thus, the network's motto has become:

Help drones fly to save lives.

Main Areas of Interest

- Best practices related to operational use of UAS
- Recommendations regarding air traffic management (ATM) and related challenges
- Data analysis and data sharing

Activities

- Trials: field events, virtual simulations, trainings
- Thematic workshops, webinars and conferences
- Research activities: (foresight) studies and analyses
- Capacity building: pilot courses, learning & training material

Results

- Overview of currently used auxiliary systems
- Overview of currently used technical solutions for data analysis and data sharing
- A **foresight study** which concluded that use of drones in crisis management is limited by legal and organisational barriers as well as ATM challenges, alongside a lack of expertise and operational integration among stakeholders.