

CIVIL PROTECTION DEVELOPMENT AND RESEARCH CENTRE

RESEARCH GROUP

“CRISIS RESILIENCE RESEARCH GROUP”

SISEKAITSEAKADEEMIA
Estonian Academy of Security Sciences



RESEARCH OBJECTIVE

To integrate institutional crises preparedness and civil protection risk management across the entire crisis management cycle

RESEARCH QUESTIONS

1. How to design effective preparedness and protection systems?
2. How to prevent, manage, and reduce risks throughout the entire crisis cycle?
3. How to develop people's awareness, skills, and trust through learning, communication, and technological support?

METHODOLOGY

1. Development and design studies
2. Empirical studies using interviews and surveys

PUBLICATIONS

1. Competencies and Training Needs for Managing Civil Defence Operations
2. AI Use to Support Incident Commanders Reflection
3. Multilingual Public Warnings: A Review of an Updated Location-Based SMS System in Estonia
4. Balancing Transparency and Security: Ensuring Chemical Safety in the European Union amid Evolving Geopolitical Tensions
5. Contemporary Challenges and Needs for Civil Protection Due to Geopolitical Security Threats in Europe: The Case of Estonia

FUTURE RESEARCH

1. A comparative study of Nordic-Baltic states' civil defence systems "Civil Defence in the Nordic-Baltic Region: Prospects for Policy Transfer"
2. "Strengthening Resilience the Nordic-Baltic Region: The Role of Strategic Culture in Learning from Ukraine"
3. Risk Assessment of Critical Infrastructure Sectors: Enhancing Resilience and Identifying Threats
4. Real-time data based evacuation model
5. Using Virtual Reality for Chemical Safety Inspections: Insights into Decision-Making Strategies and Skill Acquisition in Novice Rescue Officers
6. and more

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Civil
Preparedness
and Civil
Defence

Disaster Risk
Management
Cycle in Civil
Defence

Resilience
through Education
and Technology



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