

# HAZARD

Mitigating the effects  
of emergencies in  
Baltic Sea Region  
ports 2016–2019

Co-funded by  
Interreg Baltic Sea  
Region Programme



# HAZARD in a nutshell

HAZARD helps to mitigate emergencies in major seaports and to improve related safety and security preparedness in the Baltic Sea Region (BSR)

A consortium of 15 partners from 6 countries representing:

- Rescue services
- Major seaports in the BSR
- Related logistics service providers
- Universities as knowledge partners

3 year project period: March 2016 – Feb. 2019

TOTAL budget 4.3 M€

Co-funded by Interreg Baltic Sea Region Programme

Project's full name:  
*Mitigating the effects of  
emergencies in  
Baltic Sea Region ports*

Baltic Sea Region ports

# The HAZARD Consortium



# Strong cross-border and cross-sectoral cooperation

- **HAZARD provides a unique transnational learning platform for Rescue Services and Seaports.**
- **HAZARD helps to evaluate and improve procedures and practices in various type of safety and security incidents supported by strong knowledge partners.**



Photo: SW Finland Emergency Services/Esko Keski-Oja



Photo: SW Finland Emergency Services/Esko Keski-Oja



Photo: Port of Turku



Photo: UTU

# Work Package Structure in HAZARD

**WP1 Project Management and Administration**

→ Lead Partner: University of Turku (FI)

**WP2 Joint Exercises and Communication in Emergencies**

→ WP Leader: Southwest Finland Emergency Services (FI)

**WP3 Regulatory Framework on Safety & Security**

→ WP Leader: University of Borås (SE)

**WP4 Risk Assessment and Analysis**

→ WP Leader: Technical University Hamburg-Harburg (DE)

**WP5 Equipment Testing**

→ WP Leader: Hamburger Hafen und Logistik AG, HHLA  
(DE)

Dissemination

# Associated organisations

**FEU (Federation of the European Union Fire Officer Associations)**

**CTIF (International Technical Committee for the Prevention and Extinction of Fire)**

**Estonian Rescue Board, Northern Rescue Centre (EE)**

**Swedish Civil Contingencies Agency (SE)**

**Fire and Rescue Services Region South (SE)**

**Ports of Stockholm (SE)**

**Baltic Port Organisation (PL)**

**Finnish Transport Safety Agency (FI)**

**Finnish Port Association (FI)**

**Regional Council of SW Finland (FI)**

**Associated organisations support the project implementation and may take part in activities but do not receive Programme financing**



# HAZARD Management Team

*Photo: Reima Kokko /  
Valolink*

*From left to right:*

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WP4 Leader, Hamburg University of Technology (DE)

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WP4 Expert, Hamburg University of Technology (DE)



# Project office at the University of Turku



Photo: Reima Kokko /  
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# News, Events and Dissemination on the Web:

<https://blogit.utu.fi/hazard/>

# Vilnius Gediminas Technical University



- Project's Partner #6
- Participation at WP4 and WP3
- Project's Manager Dr Habil. Prof. Ramūnas Palšaitis
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# List of scientific publications on the HAZARD project issues

1. Bazaras, Darius; Palšaitis, Ramūnas; Petraška, Artūras; Zvaigzne, Andrejs. Criteria system of emergency situations risks assessment in the Baltic sea ports // Transport and telecommunication journal. Warsaw; Riga : De Gruyter Open; Transport and Telecommunication Institute. ISSN 1407-6160. eISSN 1407-6179. 2017, Vol. 18, no. 4, p. 275-281. DOI: 10.1515/ttj-2017-0024. [DOAJ; Emerging Sources Citation Index (Web of Science); J-Gate; INSPEC] [M.kr.: 03S,03T]
2. Bazaras, Darius; Palšaitis, Ramūnas. Evaluation of the risk management issues in the seaports of Latvia and Lithuania // Reliability and Statistics in Transportation and Communication (RelStat'17) : selected papers from the 17<sup>th</sup> international conference, 18-21 October, 2017, Riga, Latvia. Cham : Springer, 2018. ISBN 9783319744537. eISBN 9783319744544. p. 150-156. (Lecture Notes in Networks and Systems, ISSN 2367-3370, eISSN 2367-3389 ; Vol.36). DOI: 10.1007/978-3-319-74454-4\_14. [Conference Proceedings Citation Index - Science (Web of Science); MetaPress; SpringerLink]
3. Bazaras, Darius; Palšaitis, Ramūnas. Factors of emergency situations risks management in the BSR ports // Procedia Engineering. RelStat-2016: Proceedings of the 16th International Scientific Conference Reliability and Statistics in Transportation and Communication October 19-22, 2016. Transport and Telecommunication Institute, Riga, Latvia. Amsterdam : Elsevier Ltd. ISSN 1877-7058. 2017, Vol. 178, p. 501-506. DOI: 10.1016/j.proeng.2017.01.094. [Scopus; Conference Proceedings Citation Index - Science (Web of Science)] [M.kr.: 03T,03S]