



UNIVERSITY OF BIRMINGHAM



Universidade de Vigo



University of Minho
School of Engineering



UNIVERSITÉ DE NANTES



About SIRMA

Most of the transportation of people and goods in Atlantic Area is made through rail and road. The performance of this infrastructure is directly affected by extreme natural events and by the strong corrosion processes that result from proximity to the Atlantic Ocean.

SIRMA project aims to develop a robust framework for the management and mitigation of such risks, by implementing immediate, medium and long-term measures, thus increasing the resilience of transportation infrastructure.

This project will address the transportation infrastructures by developing a systematic methodology for risk-based prevention and management; developing a real-time process to monitor the condition of transportation infrastructure; and enhancing the interoperability of information systems in the Atlantic Area, by taking into account the data normalization and specificity of each country.

Note: This event is carried out in the framework of the Strengthening the Territory's Resilience to Risks of Natural, Climate and Human Origin (SIRMA) project, which is co-financed by the European Regional Development Fund (ERDF) through INTERREG Atlantic Area Programme with application code: EAPA_826/2018.

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SIRMA

STRENGTHENING INFRASTRUCTURE RISK MANAGEMENT IN THE ATLANTIC AREA

Fourth SIRMA Workshop

Friday, 10th June 2022
University of Birmingham
Birmingham, UK



UNIVERSITY OF BIRMINGHAM



Find us



www.sirma-project.eu



sirma@sirma-project.eu



[@SIRMAPROJECT](https://twitter.com/SIRMAPROJECT)



www.linkedin.com/groups/8841869

Agenda

10:00 – 10:20 Reception, welcome and overview of BCRRE and UKRRIN

Professor Clive Roberts
University of Birmingham, UK

10:20 – 11:00 Transport network analysis under single and multi-hazard scenarios

Chia Sadik
University of Surrey, UK

Questions & Answers

11:00 – 11:20 *Coffee break*

11:20 – 12:00 Network resilience to flooding - a transport perspective

Dr Maria Pregnotato
University of Bristol, UK

Questions & Answers

12:00 – 12:40 Analysis of instability in the Atlantic Area using Mt-InSAR

Ignacio Rodriguez-Antuñano
University of Vigo, Spain

Questions & Answers

12:40 – 13:40 *Lunch and networking break*

13:40 – 14:20 Transport infrastructure, resilience and adaptation

Dr Anam Hashmi
University of Birmingham, UK

Questions & Answers

14:20 – 15:00 Risk Assessment and Real-time Forecasting of Rainfall-related Hazards

Dr Xilin Xia
University of Birmingham, UK

Questions & Answers

15:20 – 16:00 Closing remarks

Dr Andrew Quinn
University of Birmingham, UK

Link for ZOOM online call:
<https://bit.ly/3NM45nU>

Meeting ID: 894 6457 6208
Passcode: 955489

Where?



UKRRIN Building
(SW of School of Engineering)
University of Birmingham
Birmingham, UK



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