



WEATHER

Weather Extremes – Assessment  
of Impacts on Transport Systems  
and Hazards for European Regions



## The Vulnerability of Transport Systems to Extreme Weather Events

Workshop within the research project WEATHER – Weather Extremes, Assessment of Impacts on Transport Systems and Hazards for European Regions

Internet: [www.weather-project.eu](http://www.weather-project.eu)

14. September 2010, 9:00 – 16:30

EU Liaison Office of the German Research Organisations (KoWi),  
Rue du Trône 98, Brussels

### Objectives:

The WEATHER project aims at estimating the economic costs of extreme weather events to transport systems and at identifying the likely benefits of crises preparation and adaptation measures. This first project workshop intends to discuss critical adverse effects of extreme weather conditions with experts and professionals in the field of infrastructure investment and management, service operations, users and safety in all modes of transport.

We therefore invite researchers, practitioners and policy-makers to contribute to the workshop with presentations or as discussants in the audience. Please contact us under the details given below!

### Call for contributions

The main part of the Workshop is organised in four parallel sessions for each mode of transport: road and rail in the morning and waterborne and aviation in the afternoon. For each session we envisage four contributions of around 20 minutes along the impact areas infrastructure assets and operations, vehicle fleets and services, users and safety.

We would be happy to receive your **proposal for a presentation** or **registration as discussant**. Please do not hesitate contacting us!

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Indicative structure of the workshop

9:00	Welcome and introduction <i>Background of the project, research activities at national and trans-national level, activities at European Union level</i>	
9:30	Morning plenary session: <b>Climate, weather extremes and risks</b> Global climate trends towards 2050, evidence towards more and more severe meteorological activities, regional exposure of transport systems to weather extremes	
10:15	Coffee break	
10:30	Parallel session 1: <b>Road and urban public transport</b> Damages to constructive elements and vehicles, impacts on maintenance and operations, logistics services, travel time, user perception and accidents	Parallel session 2: <b>Rail and combined transport</b> Damages to network assets and rolling stock, impacts on maintenance and operations, passenger and logistics services, travel time, user perception and accidents
12:00	Noon plenary session: <b>Summary of morning sessions</b> Reporting from parallel sessions 1 and 2 by session chairs	
12:30	Lunch break	
14:00	Parallel session 1: <b>Inland waterways and maritime</b> Damages to ports, riverside constructions and vessels, maintenance, capacity and operations, forwarders, shipowners, industry and accidents	Parallel session 1: <b>Air transport</b> Damages to airports and aircrafts, impacts on air navigation, maintenance and operations, travellers and logistics services and accidents
15:30	Coffee break	
15:45	Afternoon plenary session: <b>Summary and conclusions</b> Reporting from the parallel sessions along common risk elements; discussion of assessment options and critical hot spots in transport system vulnerability towards extreme weather events.	
16:30	End of workshop	

