



EUROPEAN AVIATION SAFETY AGENCY
AGENCE EUROPÉENNE DE LA SÉCURITÉ AÉRIENNE
EUROPÄISCHE AGENTUR FÜR FLUGSICHERHEIT

International Air Safety & Climate Change Conference (IASCC)

Cologne, 8 – 9 September 2010

CONTENT

Agenda

CVs speakers

Participants list

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Postal address

Postfach 10 12 53
50452 Köln
Germany

Visiting address

Ottoplatz 1
50679 Köln
Germany

Tel. +49_221_89990-000

Fax +49_221_89990-999

Mail info@easa.europa.eu

Web www.easa.europa.eu



Agenda: “Effects of Climate and Atmospheric Change on Aviation Safety”

WEDNESDAY, September 8, Plenary Session

TIME	TITLE, SPEAKER
8:00 h – 9:00 h	REGISTRATION AND WELCOME COFFEE
9:00 h – 9:15 h	Opening Remarks Patrick Goudou, Executive Director, EASA
9:15 h – 9:45 h	„Misleading airspeed information“ Raymond Casteigts, Dassault Aviation
9:45 h – 10:15 h	“A view from the United States” Stephen P. Creamer, FAA Regional Office for Europe, Africa & Middle East
10:15 h – 10:45 h	Keynote address: “Effects of Climate Change on extreme Weather Occurrences” Prof. Dr. Uwe Ulbrich, Freie Universität Berlin
10:45 h – 11:15 h	COFFEE BREAK
11:15 h – 11:40 h	“Extreme Weather Related Occurrences” Ilias Maragakis, EASA
11:40 h – 12:00 h	“Effect of Ashes and Sand on Aviation Safety” Henk Pruis, EASA
12:00 h – 13:15 h	LUNCH BREAK



WEDNESDAY, September 8, Workshops

RISK ASSESMENT

TIME	WORKSHOP 1: Atmosphere/Climate extreme / severe weather events	WORKSHOP 2: Particle contamination of the atmosphere Ashes, sand, dust ...
13:15 h – 15:15 h	1.a DESCRIPTION OF THE THREATS	2.a DESCRIPTION OF THE THREATS / HAZARDS
	Moderator: Steve Noyes (EUMETNET)	Moderator: Padhraic Kelleher (CAA)
	Speaker 1: Stéphanie Stoltz-Douchet (DG Research, EC)	Speaker 1: “Climate change and adaptation of the aviation community” Dr. Sigrún Karlsdóttir (IMO)
	Speaker 2: “Climate Change and its Possible Impact on Aviation” Uwe Wienert (DWD)	Speaker 2: “Volcanic Ash and Saharan Dust Loads derived from Airborne Observations” Prof. Dr. Ulrich Schumann (DLR)
	Speaker 3: William Murtagh (NOAA)	Speaker 3: “Meteorological Priorities in Support of a Volcanic Ash Strategy” Ian Lisk (Met Office)
15:15 h – 15:45 h	COFFEE BREAK	
15:45 h – 17:45 h	1.b EVALUATION OF THE RISKS	2.b EVALUATION OF THE RISKS
	Moderator: John Vincent (EASA)	Moderator: Eric Sivel (EASA)
	Speaker 1: “Implications of Climate Change on Air Transport - A UK Case Study” Dr. Tamara Pejovic (Helios)	Speaker 1: Patrick Emmott (Rolls-Royce plc)
	Speaker 2: “Extreme Weather Impacts on European Transport Networks – The EWENT Project” Dr. Pekka Leviäkangas (VTT Technical Research Centre of Finland)	Speaker 2: “How did a (non-VAAC) Meteorological Institute make forecasts of the dispersion of volcanic ash from Eyjafjallajökull?” Dr. Peter van Velthoven (KNMI)
	Speaker 3: “KNMI and aviation services” Geert Groen (KNMI)	Speaker 3: Captain David Thomas (British Airways)



THURSDAY, September 9, Workshops

RISK RESPONSE

TIME	WORKSHOP 1: Atmosphere / Climate extreme / severe weather events	WORKSHOP 2: Particle contamination of the atmosphere Ashes, sand, dust ...
8:30 h – 10:15 h	1.c WHAT ARE THE LIKELY MITIGATING MEASURES? Moderator: Pascal Medal (EASA) Speaker 1: “High Altitude Icing Environment” Eric Duvivier (EASA) Speaker 2: Dr. Arnold Tafferner (DLR)	2.c WHAT ARE THE LIKELY MITIGATING MEASURES? Moderator: Captain Bertrand de Courville (Air France) Speaker 1: “Volcanic Ash Perspectives – Airbus Status – September 2010” Joelle Monso (Airbus) Speaker 2: Dr. Thomas Bouvet (ESA) Speaker 3: Eme Tillema (KLM)
10:15 h – 10:45 h	COFFEE BREAK	
10:45 h – 12:30 h	1.d WHAT SHOULD BE DONE TO IMPLEMENT THE MITIGATION? Moderator: Yves Morier (EASA) Speaker 1: “Aeronautical Communications – An Important Enabler for Risk Mitigation” Dr. Michael Schnell (DLR) Speaker 2: Alan Melrose (EUROCONTROL) Speaker 3: “Water Ice in Turbine Fuel - Accident to British Airways Boeing 777-200ER at London Heathrow Airport on 17 January 2008” Stephen W. Moss (AAIB)	2.d WHAT SHOULD BE DONE TO IMPLEMENT THE MITIGATION? Moderator: Frederic Copigneaux (EASA) Speaker 1: “The Eyjafjallajökull eruption – A Systemic Perspective” Thorgeir Palsson (University of Reykjavik) Speaker 2: Andreas Beck (DWD) Speaker 3: Jean-Louis Brenguier (Météo France)
12:30 h – 14:00 h	LUNCH BREAK	



THURSDAY, September 9, Plenary Session

TIME	TITLE
14:00 h – 15:30 h	Closing Summary <ul style="list-style-type: none">• Workshop 1 summary and results• Workshop 2 summary and results• Overall conference summary• What Next?• Conclusions
<hr/> FAREWELL COFFEE GET-TOGETHER <hr/>	

LEGEND		
AAIB	Air Accidents Investigation Branch	
CAA	UK Civil Aviation Authority	
DG Research, EC	Directorate General for Research, European Commission	
DG Mobility and Transport, EC	Directorate General for Mobility and Transport, European Commission	
DLR	German Aerospace Center	
DWD	Deutscher Wetterdienst	
EASA	European Aviation Safety Agency	
EC	European Commission	
ESA	European Space Agency	
EUROCONTROL	The European Organisation for the Safety of Air Navigation	
FAA	Federal Aviation Administration	
IMO	Icelandic Meteorological Office	
KNMI	Royal Netherlands Meteorological Institute	
KLM	Royal Dutch Airlines	
NOAA	National Oceanic and Atmospheric Administration	