



International Air Safety & Climate Change Conference (IASCC) - Cologne, 8-9 September 2010

Call for papers

Internationally resources are being applied to seek a more sustainable aviation system. However, until now less attention has been given to the impact that climate change may have on commercial aviation safety.

The objective of the conference will be, as a first step, to raise awareness on the issue of the effects of climate change on aviation safety and outline a possible action plan. Europe through EASA will report to ICAO on the outcome of the conference and any resulting recommendations. The issue is indeed a global one where international cooperation is essential.

Papers should have international applicability and address current issues.

Papers submitted on subjects related to the following will be given considered:

Papers have been organised into two groups: risk assessment and risk mitigation. The Agency considers the first group as the critical one for the conference.

Risk assessment:

Topic 1

- Meteorological considerations (e.g. icing, turbulence);
- Future weather hazards:
 - Oceanic, Continental and Polar
- Extreme weather conditions that impact:
 - Flight safety
 - Ground safety
- Changing wildlife hazards with climate change;

Topic 2

- Atmospheric – Moisture, temperature and pressure (static forces)
 - Ice
 - Hail
 - Heavy precipitation
 - Extreme heat and cold
 - Visibility (fog and haze)
- Dynamic atmospheric (kinetic forces)
 - Turbulence
 - Gusts
 - Winds shear
 - Cross winds
 - Wake

Topic 3

- Atmospheric - particular risks
 - Lightning
 - Static discharge
 - Solar radiation
 - Dust and ash
 - Regional extremes (polar)



Risk mitigation:

- Technological innovations mitigating risk induced by meteorological conditions (e.g. advanced weather radar);
- Training meteorology to pilots;
- Aviation meteorological information systems;
 - On-line provision of up-to-date met data to flight crew
- Flight planning;
- Equipment environmental testing standards;

Abstracts must be received at EASA by 23 April 2010
(please see details on next page)



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Application

I wish to present a paper at the IASCC and have enclosed a brief (**1 page**) abstract of the proposed paper, plus résumé or curriculum vitae (CV) of **no more than 1 page**.

Author Name (First, Last): _____

Paper Title: _____

Company/Organisation: _____

Position/Function: _____

Phone: _____

Fax: _____

E-Mail Address: _____

Street Address: _____

City: _____

Postal Code: _____

Country: _____

- Abstracts must be submitted to EASA by **23 April 2010**.
- Papers will be selected on the basis of content and applicability.
- Selected papers will be due to EASA by **2 July 2010**.
- Each author will be responsible for his/her travel and accommodation costs. Each author will receive complimentary conference registration and a copy of the conference proceedings.

Please complete this form and return it by 23 April to:

**Department E2
European Aviation Safety Agency
Postfach 10 12 53
D50452 Köln
Deutschland**

**Or by email to:
IASCC@easa.europa.eu**