

ALARM EARLY WARNING SYSTEM



Space Weather



Environmental Hotspots



Severe Weather



Natural Airborne Hazard

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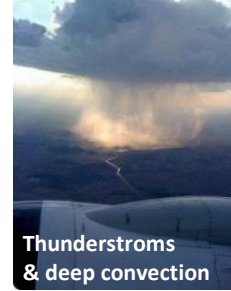
Avionics errors

- Radiation exposure
- HF radio wave disturb.
- Navigation errors
- Avionics errors

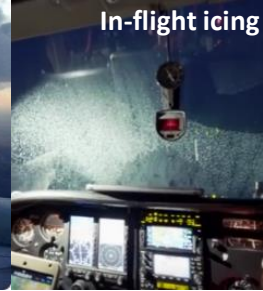


Climate impact

- Area where aviation emissions have a very large climate impact



Thunderstorms & deep convection



In-flight icing

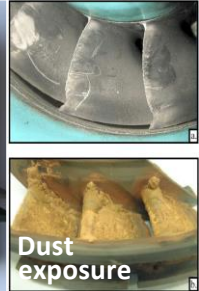
- Thunderstorms
- Deep convection
- In-flight icing
- Turbulence
- Wind shear



Ash exposure



Sulphidation



Dust exposure

- Detection of hazardous clouds
- FL contaminations
- Alert and forecasts contamination airport

ALARM
multi-hazard monitoring and early warning system

MORE INFORMATION



NRT images



Email notifications

Data files transfer



<https://alarm-project.eu>

Nov. 2020 → May 2023
SESAR H2020 grant n°891467

11th SESAR Innovation Days

