

Planning to Manage Disruptions

Lessons from Around the World

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Airport & Airspace Disruptions...



**...are the inevitable parts
of the air transportation system**

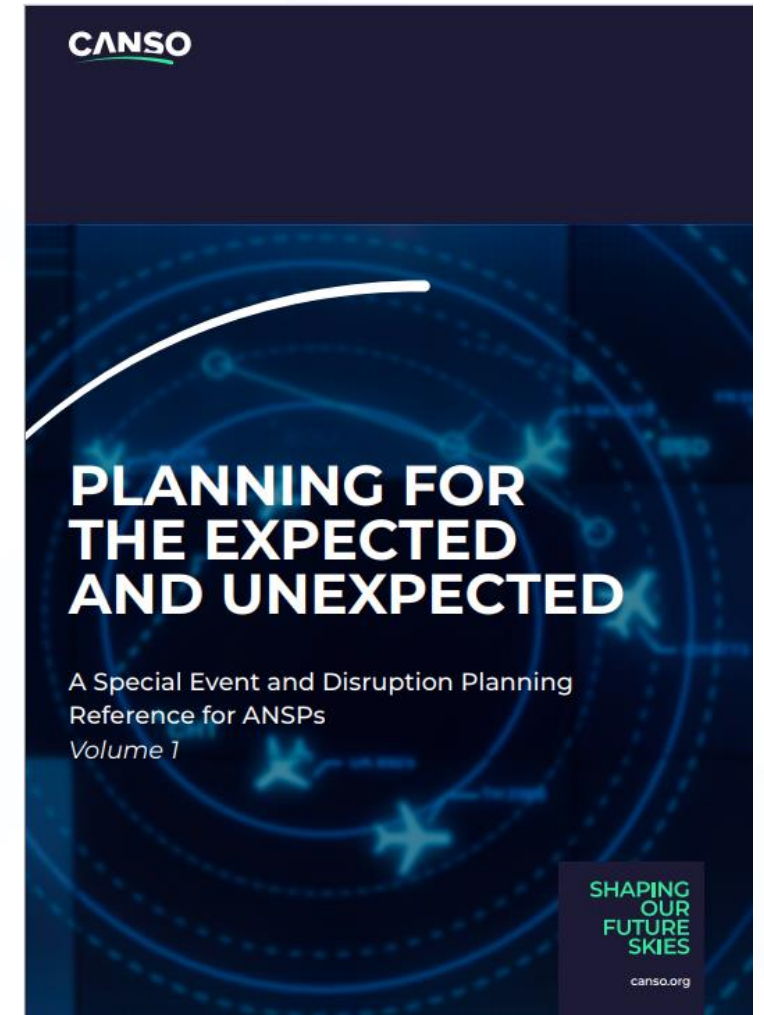
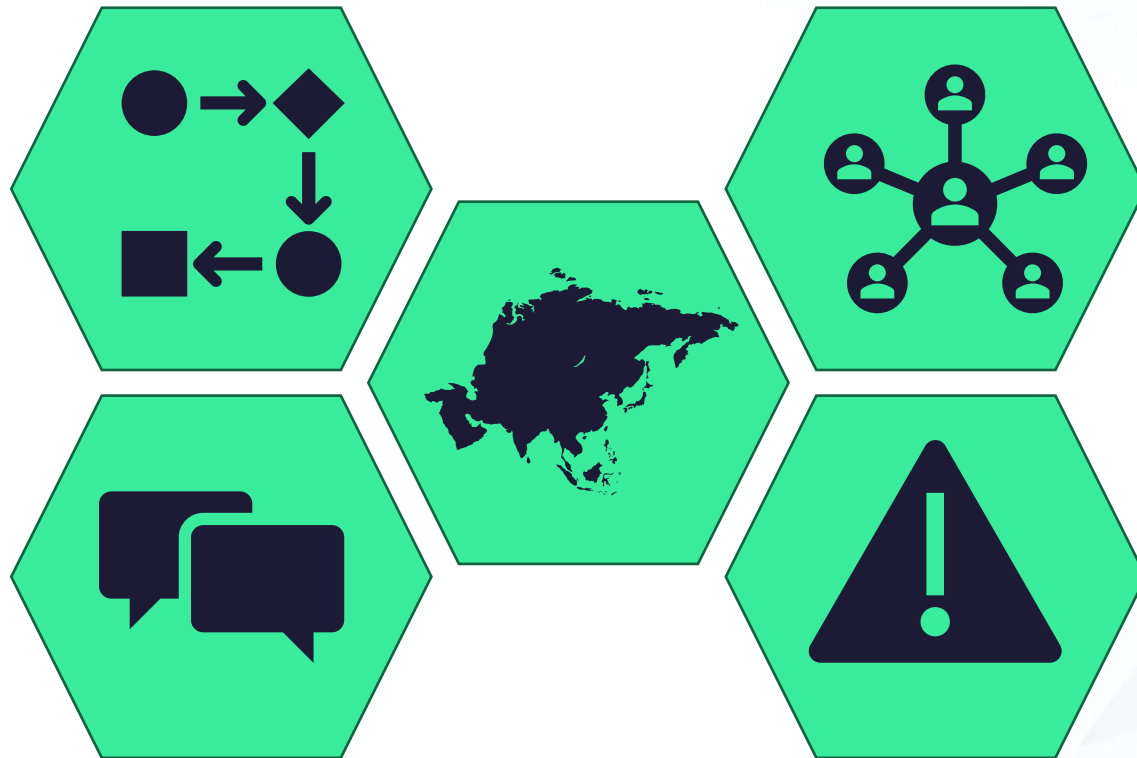
And lessons can be learned...



...from those who have managed them



We will explore some of those key lessons today



Methodical Planning Approach

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Methodical approach to the planning for event and disruptions should be used, dividing the planning process into phases from strategic to pre-tactical and tactical.

Cases in Point:

- ✓ Structured planning for space launches in the U.S.
- ✓ Layered ATFM planning and solutions for Cobra Gold Military Exercise in Thailand
- ✓ Established *Airspace Syndicate* to manage the airspace for Air Defender Exercise in Germany/Europe



Clear Stakeholders' Roles, Responsibilities, and Authorities



Clear determination of roles and responsibilities of stakeholders are important and should be collaboratively developed. Effective decision-making authority should also be accorded to appropriate stakeholders.

Cases in Point:

- ✓ Designation of relevant planning positions and conflict resolution authority for G20 Summit 2014 in Australia



Timely and Consistent Stakeholder Communication



Communication line between the ANSP and stakeholders should be established, and updated information readily exchanged using different channels.

Cases in Point:

- ✓ The use of CDM meetings and the “Hotline” between Japan ATMC and U.S. ATCSCC to exchange information and coordinate measures during the Great East Japan Earthquake



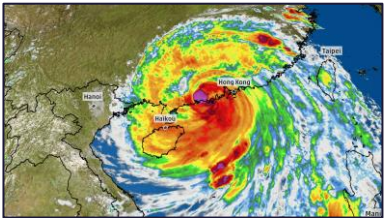
- ✓ The use of regionally-agreed ADP and CTOT distribution procedures to distribute ATFM information during the typhoon in Hong Kong

Active Anticipation of Disruptions

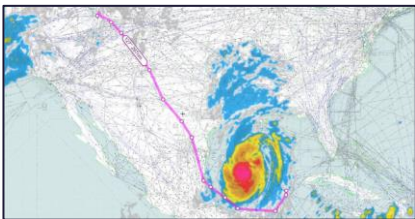


Some disruptions, e.g. seasonal weather events, can be anticipated based on historical knowledge and operational experience. Measures can be implemented to prepare for such disruptions.

Cases in Point:



- ✓ Large-Scale Weather Deviation (LSWD) contingency procedures established among Hong Kong and neighboring FIRs



- ✓ Planned Airways System Alternatives (PASA) procedure established among CADENA members in the LATAM region

Leveraging of Regional Partners in Contingency Planning



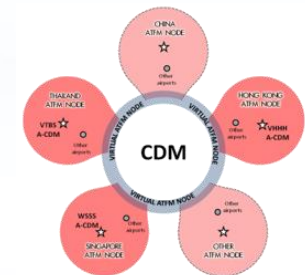
Regional collaborations should be leveraged to allow traffic management measures during disruptions to be effectively coordinated and applied across national border.

Cases in Point:



- ✓ The CADENA collaboration in the LATAM region enabling contingency arrangements and regular practices among regional ANSPs

- ✓ The AMNAC collaboration in the APAC region enabling Hong Kong to issue cross-border ATFM measures during the typhoon



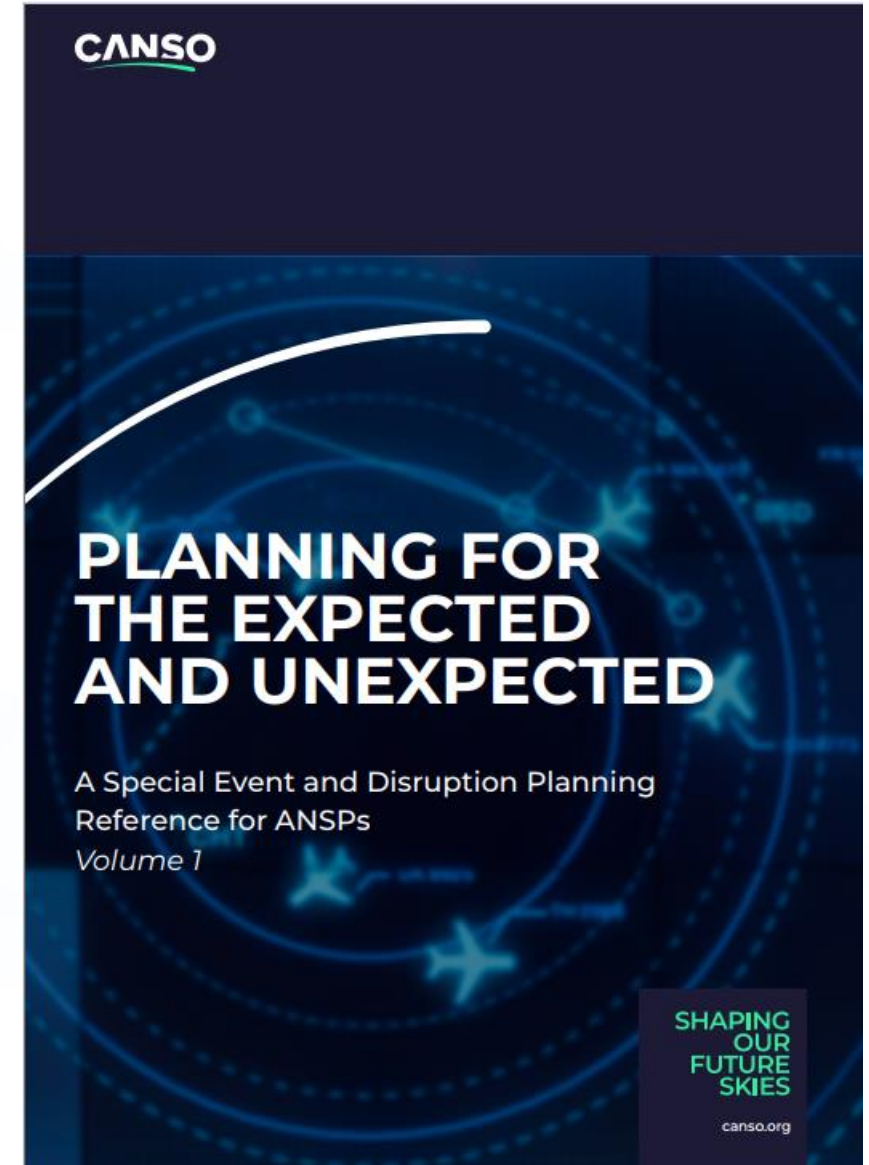
The Publication

It's here!



- 10 Case Studies + 2 Sets of Key Considerations
- Covering both the “expected” and “unexpected”
 - State event
 - Sporting event
 - Planned aerodrome/airspace closures
 - Space operations
 - Weather disruptions
 - Natural disasters
 - Contingency planning
- 10 ANSPs + 5 Associate Member Contributors

CANSO





THANK YOU

