



Aviation Safety Data Systems Workshop

Willemstad, Curaçao, from 14 to 17 May 2019

Summary of Discussions

Date	14 to 17 May 2019
Location	Facilities of the University of Curaçao, Willemstad, Curaçao
Opening Ceremony	The Workshop was attended by 42 delegates from 15 States/Territories the CAR Region. The list of participants is shown in Attachment A .
1.	References <ul style="list-style-type: none">The workshop webpage is located at: https://www.icao.int/NACC/Pages/meetings-2019-asdsw.aspx
2.	Objectives <ul style="list-style-type: none">Providing participants with insights for data-driven decision making in safety management to obtain understanding of the concept of monitoring safety information, building meaningful indicators using operational data, practicing decision-making based on data, setting meaningful alert levels and procedures, and collaborating with industry on monitoring aspects.Allowing discussions, sharing experiences and exchange views on safety performance monitoring in the region.ICAO to showcase and introduce the Safety Information Monitoring System (SIMS), which is a web-based information system comprised of applications using indicators in support of Safety Management. SIMS processes raw data into actionable format for data-driven decision-making, free of charge to all ICAO Member States.
3.	Workshop Schedule and Activities <ul style="list-style-type: none">See Attachment B
4.	Discussions <ul style="list-style-type: none">Interactive discussions and exchange of experiences with the participants:<ul style="list-style-type: none">How they implement the State Safety Programme (SSP),Management of the Safety oversight and surveillance,Safety oversight vs SurveillanceHow and what system the states are using to collect data's and the challenges.Group exercises and presentations

5.

Outcomes/Recommendations

- All participants encouraged to create or improve their data system collection despite some issues that were discussed during the workshop
- Participants gained knowledge on data collection and processing
- Practical experience on how to do data inventory
- Concept and practical exercises on the identification of hazards and mitigation of safety risks
- Understanding the concept of monitoring safety information
- Building meaning full indicators using operational data for runway safety monitoring, using self-developed dashboards
- Practicing decision making based on data
- Setting meaningful alert levels and procedures

END

APPENDIX A

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ASDS Workshop



Aviation Safety Data Systems Workshop



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Ruviana Zimmerman

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Curaçao, May 2019



Workshop Objectives

Data-driven decision making using ICAO data tools



- 1 *Understanding the concept of monitoring safety information*
- 2 *Building meaningful indicators using operational data*
- 3 *Practicing decision making based on data*
- 4 *Setting meaningful alert levels and procedures*
- 5 *Collaborating with industry on monitoring aspects*





Who we are; introductions



Nevin Murad

*Associate Analysis Officer
Integrated Aviation Analysis / ANB*



Ruviana Zimmerman

*Associate Analysis Officer
Integrated Aviation Analysis / ANB*



And you?

*Name, Function, State,
Expectations, Favorite
dessert*



Workshop Structure



Modules 1, 2

Introduction to Data and becoming risk-based



Module

3, 4, 5

Data Analysis & indicators and Hazard identification



Module 6

SIMS and SDCPS



Module 7

Visualization






Methodology



Presentation by
the facilitators

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Interactive
discussions

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Group exercises

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Exchange of
experiences

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Group
presentations

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TIME	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
09:00 – 10:30	Module 1 Introduction to Data	Module 3 Analytics & Indicators	Module 6 SIMS	Module 7 Visualizations
10:30 – 11:00	BREAK (30 min)			
11:00 – 12:30	Module 2 Becoming risk-based	Module 4 Hazard Identification	Module 6 SDCPS	Assignment 4
12:30 – 13:30	BREAK (60 min)			
13:30 – 15:00	Assignment 1	Assignment 2	Assignment 3	Assignment 4 Presentations
15:00 – 15:15	BREAK (15 min)			
15:15 – 16:30	Assignment 1 Presentations	Assignment 2 Presentations	Assignment 3 Presentations	Workshop Wrap-up Certificates

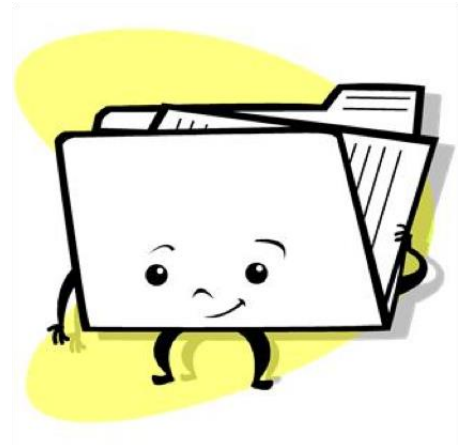


Workshop Material

Click on the dropbox link below to access the material.

Always check the link to ensure latest version at the start of the workshop on a daily basis.

Dropbox Link





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and Caribbean
(NACC) Office**
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**Western and
Central African
(WACAF) Office**
Dakar

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North Atlantic
(EUR/NAT) Office**
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**Middle East
(MID) Office**
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Southern African
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THANK YOU