



ICAO NGAP

NO COUNTRY
LEFT BEHIND



The ICAO NGAP Research Initiative

Shenzhen/Dec. 14, 2018





Introduction

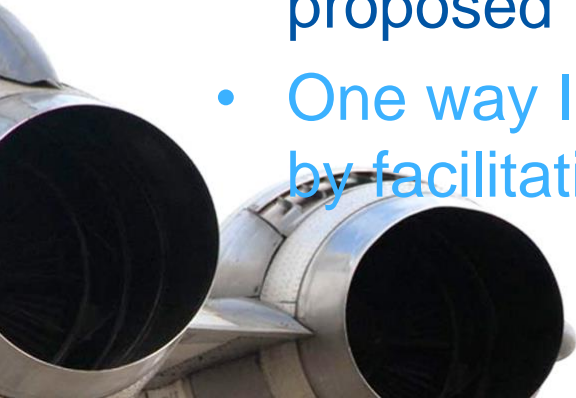
- We have seen in the past two days, that civil aviation continues to show strong growth pattern
- NGAP specifies that there is a large demand for Aviation Professionals





Introduction

- Many challenges were identified to meet the demands
- Some ideas to address those challenges were proposed
- One way ICAO is addressing these challenges is by facilitating research





- We identified three research gaps which are not addressed currently:
 - Research in civil aviation and management is scarce
 - Synchronize/harmonize research with ICAO strategic objectives
 - Published case studies in general and on SARPS Implementation in specific





- A Google Scholar search of “Civil Aviation Management” shows:
 - From 2007 to 2017, a total of only 147 articles that have “civil aviation management” in their title.
 - Only 5 scientific journals.
 - Hardly any (less than 15) address ICAO strategic goals
 - Found only 18 articles that mention ICAO SARPS



- It is clear that there is a significant lack of research, thought generation, and synthesis in the area of aviation management, ICAO strategic objectives and SARPs implementation.
- As a result, ICAO NGAP Scientific Reviews Initiative was created.





- In that regard, NGAP research aims to promote, encourage and facilitate academics, industry and member states to:
 - collaborate in the sharing of information and knowledge and;
 - the creation and dissemination of their research work and findings



ICAO NGAP Research

- **Includes three core activities:**
 - Scientific double-blind peer review
 - Scientific Research Conferences and Workshops/Seminars
 - Case studies Workshop



Significance of ICAO NGAP Research – Scientific Review

- **strategic impacts of the Scientific Research**
 - Aligning research directions to ICAO strategic objectives
 - Increase awareness and advancement of civil aviation research
 - Increase aviation knowledge creation and dissemination
 - Establish various outlets (currently scarce) and opportunities for communicating ICAO's knowledge to the global civil aviation community



1st Scientific review: Analytics and Management Research (AMR)

- aims to attract work containing articles in the following categories:
 - original research >6000 words
 - review articles >3000 words
 - case studies > 5000 words
 - field research > 2000 words, and
 - technical note ~ 1500 words



ARTICLE TITLE



ANALYTICS AND MANAGEMENT RESEARCH

Article Title:

Authors

Synopsis

Little description

Cite as:

Cover Page

Author's name *

*Corresponding Author

Paper Category

- Position Paper
- Case Studies
- Business Technology Reviews
- Perspective Ideas
- Technical Briefs/Notes
- Student Paper
- Original Research
- SARPs Review
- Review Paper

Strategic Objectives

- Aviation Safety
- Air Navigation Capacity &Efficiency
- Security and Facilitation
- Economic Development
- Environmental Protection

Global Programs

- Technical Cooperation
- Global Aviation Training
- State Action Plans
- Next Generation Aviation Professionals

Key Initiatives

- No Country Left Behind
- Aviation Development
- ICAO World Aviation Forum
- Pandemic Response Coordination
- ICAO's Women in Aviation
- Performance-based Navigation

Title Page



ICAO NGAP

NO COUNTRY LEFT BEHIND



ICAO

North American
Central American
and Caribbean
(NACC) Office
Mexico City

South American
(SAM) Office
Lima

ICAO
Headquarters
Montréal

Western and
Central African
(WACAF) Office
Dakar

European and
North Atlantic
(EUR/NAT) Office
Paris

Middle East
(MID) Office
Cairo

Eastern and
Southern African
(ESAF) Office
Nairobi

Asia and Pacific
(APAC) Sub-office
Beijing

Asia and Pacific
(APAC) Office
Bangkok

We invite you to submit your work:
research, practical, case study, technical note,
or position paper.
AND
Register as a reviewer.

<https://www4.icao.int/isr>

THANK YOU