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.

* Study conducted by NGAP Research, 2018
• 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
The AMR journal can publish different types of articles. Most articles published are one of the following types:

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

Each article must be in accordance with ICAO objectives and key initiative. The approved disclaimer from ICAO legal bureau must also fully comply.
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