Worldwide R & D activities for realizing modern Air Traffic Management (ATM) and its enabling technologies in Communication, Navigation and Surveillance (CNS) have become more and more important.

After successful meetings in 2009, 2010 and 2013, Electronic Navigation Research Institute (ENRI) is pleased to announce that we will hold “the 4th ENRI International Workshop on ATM/CNS (EIWAC 2015)” in Tokyo under following theme and schedule.

**Global Harmonization for Future Sky**

**Date:** November 17th – 19th, 2015  
**VENUE:** KFC Hall in Ryogoku, Tokyo  
Nov. 17th: Plenary Session, Exhibition,  
Nov. 18th - 19th: Technical Sessions, Exhibition  
**Important dates:**
  - Abstract submission deadline: March 31, 2015  
  - Notification of acceptance: May 15, 2015  
  - Final paper submission deadline: September 15, 2015  
Please visit our site: [http://www.enri.go.jp/eng/index_e.htm](http://www.enri.go.jp/eng/index_e.htm)

At the workshop, leading experts from research establishments, industry, regulatory authorities and academia will meet to share their ideas and their approaches. The following are the expected major topics:

- ATM Modeling
- ATM Performance
- Trajectory Management
- Airport Management
- Communication/Navigation/Surveillance
- Safety
- Human Factors
- Avionics
- Traffic Capacity & Congestion Management
- GNSS and related topics
- Performance-based Operations
- Remotely Piloted Aircraft Systems (RPAS), UAS
- Aviation Weather
- Environment
- Air-Ground Integration
- Information Technology

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**Plenary Session**  
**Technical Session**  
**Exhibition**
Selected papers from the 3rd ENRI International Workshop on ATM/CNS (EIWAC 2013)

Selected Papers from EIWAC2013 are available now!

The Electronic Navigation Research Institute (ENRI) organized a workshop titled “ENRI International Workshop on ATM/CNS (EIWAC)” to develop civil aviation by exchanging and sharing updated information about ATM/CNS in the world. The third EIWAC, EIWAC2013, was held in February 2013 in Tokyo. The agenda of EIWAC2013 included keynote speeches by opinion leaders in civil aviation, a panel discussion, and technical presentations by specialists.

This book is designed to provide a view of current and future ATM and related systems discussed at EIWAC2013. The topics that appear in this book span a wide area, ranging from the EIWAC keynote speeches and mathematical models of aircraft trajectory to error analysis of systems in the field. The technical topics were selected from the proceedings presented in the technical sessions of EIWAC2013. The presentations were appreciated for their usefulness by attendees from the areas of ATM and CNS. In addition, the presentations were recognized by reviewers as works with significant contributions of new proposals, methods, experience, and surveys summarizing essential papers in related areas. After the selection process, the articles were compiled for this book.

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Part II : Air Traffic Management
Part III: Tools and Evaluation for Air Traffic Management
Part IV: Communication, Navigation and Surveillance
Part V : Mathematical Model

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