



Joining CANSO: Opportunities for Academia and Research Institutions

Introduction

As the global voice of airspace management, CANSO is committed to facilitating knowledge transfer between Air Navigation Service Providers, innovative traffic management entities, and the academic community. This exchange keeps CANSO members at the forefront of the latest research developments. Recognizing the importance of integrating academic perspectives, a dedicated membership category for Academia and Research Centres was established, approved at the CANSO Annual General Meeting (AGM) in June 2023.

The partnership between CANSO and academia is designed to yield substantial mutual benefits, similar to those seen in other initiatives such as NextGen Academic Research, SESAR Research Networks, and IATA training programs with universities.

Why Join CANSO? Key Benefits for Academia and Research Member

The benefits for becoming a CANSO Academia and Research Member include:

1. **Shape the future of ATM:** Contribute to meaningful academic and research initiatives, potentially driving innovation and influencing industry standards and best practices.
2. **Participate in Groups:** Participate in CANSO's extensive array of working groups, fostering collaboration with leaders and ATM experts, and advancing complementary research projects addressing significant challenges in ATM.
3. **Expand your network:** Increase your institution's visibility within the aviation community by accessing CANSO's extensive and unique network through participation in global and regional events.
4. **Explore Partnerships:** Leverage partnership opportunities, training, and synergies with other CANSO members to facilitate mutual growth and development.
5. **Promote Educational Programs:** Opportunities abound to promote your educational courses and study programmes directly to CANSO members, expanding your reach and attracting students globally interested in aviation and ATM fields.
6. Potential Involvement in a Future CANSO Postgraduate Scholarship Programme.

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Eligibility and Membership Criteria

The CANSO Executive Committee is empowered to accept applications from academic and research institutions as Academia and Research Members, provided they satisfy the following conditions:

- a) Demonstrate a commitment to supporting CANSO's objectives and the goals outlined in the CANSO Charter.
- b) Express readiness to actively contribute to the advancement of the Air Navigation Services industry through academic and research projects.
- c) Agree to comply with the provisions of the CANSO Articles of Association.

The main objective of organisations applying to become Academic and Research Members of CANSO should focus on advancing education, research, and knowledge dissemination in the aviation sector, rather than primarily offering commercial advisory services for concrete, practical projects to clients.

Joining Process: Steps to Become a Member

Here are the steps to join the CANSO Academia and Research Membership:

1. Fill out the [online application form](#) available on the CANSO website
2. Once your application is submitted, it will be assessed to ensure your organisation meets the necessary legal requirements.
3. Upon approval of your application, and once the membership fee has been paid, your organisation will formally join CANSO.

Membership grants access to CANSO's network and participation in CANSO work programmes, and [other benefits](#).

Academia and Research Members Annual Fee

Academia and Research category members are required to pay a flat annual membership fee of EUR 2,000, which is lower compared to that of CANSO Associate Members.

Academia and Research Members are expected to actively contribute to CANSO activities through academic, training, and/or research projects (such as white papers, reports, etc). These contributions will be agreed with CANSO and preferably coordinated and channelled through the CANSO Future Skies Academic Research (FUSAR) Network.

The Future Skies Academic Research (FUSAR) Network

The goal of the CANSO Future Skies Academic Research (FUSAR) Network is to offer impartial, independent research and training to improve aviation-related topics for CANSO Members and workgroups. It will align with [Complete Air Traffic System \(CATS\) Global Council Vision](#), ICAO and regional programmes such as SESAR, NexGen and CARATS to transform global air traffic management (ATM) performance and deliver seamless airspace globally. The FUSAR Network will play a crucial role in building consensus among stakeholders, presenting common perspectives, and supporting CANSO's activities and objectives.

All CANSO Academia and Research Members will be invited to join the FUSAR network, contributing to its objectives and initiatives.

The establishment of the FUSAR Network is expected to drive innovation, enhance ATM performance, and advance the global aviation sector by promoting collaboration between academia and the aviation industry.

Where required, Intellectual Property Rights (IPR) issues will be addressed by the relevant parties involved in each research project, ensuring proper management and protection of intellectual property assets.

Governance and Operation: Steering the FUSAR Network:

The FUSAR Network will operate under the guidance of a FUSAR Steering Group. The responsibilities of the FUSAR Steering Group are as follows:

- **Strategic Planning:** The group will engage in strategic planning to ensure alignment with CANSO's objectives and the overarching goals of the aviation industry. This includes setting priorities, defining goals, and developing strategies to achieve them.
- **FUSAR Network Work programme:** The primary responsibility of the FUSAR Steering Group is to discuss and agree on the initiatives that FUSAR Network members will undertake in support of CANSO work groups. These initiatives will define the FUSAR work programme. The Director Programmes, together with the Programme Managers for Operations, Safety and Strategy will regularly be invited to contribute to the FUSAR Work programme.
- **Coordination and Collaboration:** The group will facilitate coordination and collaboration between FUSAR Members, CANSO workgroups, and other relevant stakeholders. This includes fostering partnerships, sharing best practices, and promoting synergies between academia and the aviation industry.
- **Performance Evaluation:** The group will conduct regular performance evaluations to assess the effectiveness of the FUSAR Network and identify areas for improvement.
- **Representation and Advocacy:** The FUSAR Steering Group will represent the interests of the FUSAR Network within CANSO and the broader aviation community. This includes advocating for the importance of academic research and collaboration in advancing ATM innovation and promoting the visibility of the FUSAR Network.

The FUSAR Steering Group will be co-chaired by a member of the FUSAR network and the CANSO Senior Manager of Future Skies and will include members of the FUSAR Network. Members of the FUSAR Steering Group will be appointed from among the FUSAR Members for a period of 2 years.

Participation of other CANSO members if the FUSAR Network

CANSO Full members, Intermediate members, and Associate members are welcome to join the FUSAR Network upon agreement to actively contribute to its activities.

Enhancing Global ATM Performance Through Collaboration

The CANSO Academia and Research Membership aims to enhance global air traffic management (ATM) through collaborative efforts that bridge academia and industry. Through the Future Skies Academic Research (FUSAR) Network, academic research and practical industry applications converge, fostering innovation and efficiency in global airspace management.

Members contribute to projects addressing real-world challenges, supporting both global and regional aviation objectives and enhancing innovative practices across the aviation sector.

This collaborative model not only propels technological advancements but also sets new benchmarks for what is achievable in ATM. It illustrates a shared commitment to excellence and innovation within the global aviation community.

For more information, please contact:

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