

CENTRE FOR RESEARCH OF AIR AND SPACE LAW

ESTABLISHMENT
1976

OBJECTIVES

- To publish interdisciplinary research valuable to governmental and multinational institutions, the airline and aerospace industries, and the legal profession
- To create a thriving intellectual environment and professional global network for our faculty, our students, our graduates, and experts in the field

MEMBERS

Director: Paul Dempsey · Associate director: Ram Jakhu · Members: Richard Janda, Nicholas Kasirer, James Kreindler, Rod. D. Margo, Armand de Mestral, Nicolas M. Matte, Michael Milde, Peter Nesgos, John Saba, Francis Schubert, Ivan V. Vlasic, Catherine Walsh and Ludwig Weber

The Centre for Research of Air and Space Law (CRASL) produces research, publishes books and periodicals, and offers workshops, seminars and conferences in Canada and around the world. In 1944, the world community laid the foundation for establishing the United Nations International Civil Aviation Organization in Montreal. The ICAO's principle mission was to achieve international co-operation to ensure that the legal and regulatory regime governing aviation would be uniform across nations. In 1967, the United Nations adopted the *Outer Space Treaty* which lays down the fundamental legal principles for the exploration and use of outer space. By their very nature, aviation and space activities break down barriers, integrating disparate cultures and economies, and facilitating a peaceful, prosperous and co-operative global order. Globalization has created interdependence among nations and peoples of the world, and air transportation and space activities have contributed to that interdependence. The Centre researches technical, economic, legal and policy implications of interdisciplinary aviation and outer space issues. It also assists international organizations and governmental institutions in advancing air and space law and policy.

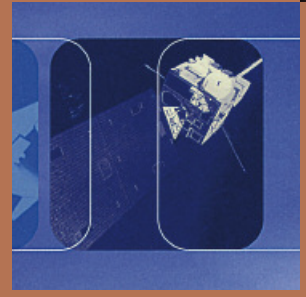
AXES OF RESEARCH

ACTIVITIES AND DEVELOPMENTS IN OUTER SPACE

The Secure World Foundation commissioned the Centre to draft two research papers on peaceful and military activities in (uses of) outer space in order to provide the basis for an e-Parliament Space Policy Options study, which was made available online and was also published in the *Annals of Air and Space Law*.

Following its previous work, the Centre enhanced its expertise in military uses of space, and collaborated with the International Security Research and Outreach Programme, the Department of Foreign Affairs and International Trade, and Project Ploughshares to organize the Space Security Index Workshop, which led to the publication of the *Space Security Index*. These studies provide a comprehensive set of assessments of the long-term trends and annual developments that shape the dynamics of space security.

The Secure World Foundation envisions a global space commons that is free from threat and available for the benefit of all humanity. The Foundation is dedicated to supporting steps, including confidence building and the development of co-operative norms, regulations, and rules of conduct, that strengthen global security and lead to an international law-based system with reliable enforcement.



The Centre's ICAO for Space study, commissioned by the International Association for the Advancement of Space Safety (IAASS), analyzed various international legal regimes that could be used as a framework for the development of safety standards for space missions.

Professor Ram Jakhu is leading the India-Canada Space Cooperation and Business Relations project, which is funded by the Asia Pacific Foundation of Canada. This research analyzes regulatory barriers (such as licensing, data distribution policies and export control regimes) and suggests policy and regulatory changes to maximize co-operation and improve models of business initiatives by reducing barriers between the public and private sectors in India and Canada.

AVIATION

International Aviation Policy is a central area of investigation for the Centre. In collaboration with the John Molson School of Business' Aviation MBA Program at Concordia University, the Centre participated in the Expanding the Canadian Markets with Open Skies program of the SSHRC and Conference Board of Canada. The results of this study were published in *The McGill/Concordia Report on International Aviation Policy for Canada*.



SSHRC
Social Sciences and
Humanities Research
Council of Canada

The Centre also explores Governance issues of commercialized air navigation services. The Donner Canadian Foundation recently commissioned a research team from the Centre to prepare a comprehensive analysis of the privatization and commercialization of air navigation. Their work produced a comprehensive study entitled "Governance of Commercialized Air Navigation Services," which was published in the *Annals of Air and Space Law*.

PARTNERS

John Molson School of Management at Concordia University · Singapore Aviation Academy · International Civil Aviation Organization · Foreign Affairs and International Trade Canada · International Institute of Space Law · International Association for the Advancement of Space Safety

PUBLICATIONS

In addition to publishing the *Annals*, the CRASL has published several books and reports in recent years, including: · *International Air Carrier Liability: The Montreal Convention of 1999* (2005) · *International Aviation Policy for Canada* (2005) · *Policy and Law Relating to Outer Space Resources: Examples of the Moon, Mars, and Other Celestial Bodies* (2007) · *Asian Co-operation in Space Activities: A Common Approach to Legal Matters* (2007) · *Air Navigation: Flying Through Congested Skies* (2007) · *Space Security Index* (2004-2007)

ANNALS OF AIR AND SPACE LAW / ANNALES DE DROIT AÉRIEN ET SPATIAL

The CRASL has been publishing this specialized journal, devoted to promoting scholarship in the field of air and space law, since 1976. The journal features original articles drafted in English and in French by internationally prominent scholars, leading practitioners, students of the Institute and other specialists in air and space law. These articles not only deal with current legal issues, but also with problems of growing concern in emerging air and space activities.

