



International Civil Aviation Organization

Junior Professional Officer

POSITION INFORMATION

Post Title:	Associate Environment Officer, Climate Change	Duration of Secondment:	2 years
Grade Level:	P-2	Deadline for applications:	
Duty Station:	Montreal	Date for entry on duty:	

THE ORGANIZATIONAL SETTING

ICAO's activities in the environment field aim to limit or reduce the impact of international aviation on noise, local air quality and the global climate. This position is situated in the Environmental Standards Section (ES) within the Air Transport Bureau (ATB) in ICAO.

ES is responsible for the development of Standards and Recommended Practices (SARPs), conducting quantitative studies and assessment of environmental benefits, and providing guidance on aircraft noise, aircraft engine emissions (local air quality), and aeroplane CO₂ emissions. The Section maintains all volumes of Annex 16 - *Environmental Protection* and databases on aircraft noise, aircraft engine emissions, and aeroplane CO₂ emissions in cooperation with the Aviation Data and Analysis Section, contributes to collecting and compiling various environmental aviation statistics including fuel consumption data. It also provides support to the Assembly, the Council, the Air Navigation Commission (ANC), the Air Transport Committee (ATC) and the Committee on Aviation Environmental Protection (CAEP).

The incumbent reports to the Chief, Environmental Standards Section (C/ES). In this context, the incumbent will support the C/ES, and other ENV staff members in work associated with implementing ICAO's Long Term Aspirational Goal, assist with the work of CAEP, and help deliver the ICAO efforts associated with tracked the decarbonization of international aviation.

MAJOR DUTIES AND RESPONSIBILITIES

Function 1 (incl. Expected results)

Works closely with the ICAO Secretariat and relevant committees, such as the Committee on Aviation and Environmental Protection (CAEP), as well as with international organizations, achieving results such as:

- Track initiatives related to cleaner energy sources for aviation, prepare reports, and support the development of policies in this area.
- Conduct literature reviews and prepare reports related to the ways in which climate change will affect international civil aviation.
- Support the development of documentation related to clean energy and green finance for international civil aviation.
- Assist in tracking progress of the development of methodologies to account for the environmental benefits to monitor and account for decarbonization initiatives for international aviation and participate in relevant international meetings in relation to these subjects.

Function 2 (incl. Expected results)

Assesses public information on worldwide innovations on CO₂ emissions reductions, specifically on sustainable aviation fuels, and carries out quantitative analyses, achieving results such as:

- Assess data and information on innovative research and development, programmes, market studies, financing, user contracts and agreements, flight tests and demonstrations, and commercial flights to assist the work of CAEP in relation to SAF.
- Review reports, market assessments, technology evaluations, and similar reports and data, and prepare periodic updates on the state of development and deployment of evolutionary and novel measures to reduce CO₂ emissions.
- Maintain estimates/forecasts of evolutionary and novel measures to reduce CO₂ emissions, including sustainable aviation fuels availability, technology and operations.
- Assist in the maintenance of ICAO tracker tools for the decarbonization of aviation.

Function 3 (incl. Expected results)

Assists in the preparation and update of ICAO/ENV publications and outreach, achieving results such as:

- Assist in the update to guidance material for ICAO Doc 9988 and ICAO guidance material on implementing the basket of measures; assist in the maintenance of the Environment webpages showcasing the basket of measures.
- Assist in the development of new outreach material on climate change and the basket of measures to reduce CO2 emissions.
- Support Officers to review, monitor and update information/data on environmental activities on the ICAO website.

Function 4 (incl. Expected results)

Coordinates and assists in the development and preparation of events, material, documentation, reports, and presentations related to Environment, achieving results such as:

- Coordinate the development of documentation and presentations related to meetings associated with Environmental Protection.
- Conduct research as required and provide material to be published on the ICAO Environmental website in relation to assessments.
- Draft replies to public enquiries on environment, particularly related to tools and data utilized for various assessments.
- Assist in the organization of the ICAO Stocktaking and Climate week initiatives.

Function 5 (incl. Expected results)

Supports ICAO environmental capacity-building and assistance activities, arranging meetings and facilitating training, achieving results such as:

- Support training activities on decarbonization of aviation.
- Support -LTAG capacity building and assistance activities.
- Support activities (training, webinars, developing material) related to Sustainable Aviation Fuels (SAF), Lower Carbon Aviation Fuel (LCAF), and other cleaner energies.

Function 6 (incl. Expected results)

Performs other related duties, as assigned.

QUALIFICATIONS AND EXPERIENCE

Education

Essential

An advanced level university degree (Master's degree or academic equivalent) in environment, legal or political sciences, economics, finance, engineering, mathematics, science, statistics, or a related field, is required. A first-level university degree in combination with two (2) additional years of qualifying experience in environment, legal or political sciences, economics, finance, engineering, mathematics, science, statistics, or related field, may be accepted in lieu of the advanced university degree.

Professional experience

Essential

- A minimum of two (2) years' experience in an international civil aviation environment, airport, airline or environmental organization, of which a minimum of two years should be at the international level.
- A minimum of one (1) year experience with the various components of the air transport system (such as government regulators, airlines, airports and other service providers), and their inter-relationships.
- Experience in providing service to international meetings.

Desirable

- Experience in international environmental policies within ICAO.
- Experience with Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA).
- Experience with international environmental policies.
- Experience with ICAO functions, its organizational structure and international activities.

Languages

Essential

Fluent reading, writing and speaking abilities in English.

Desirable

A working knowledge of any other language of the Organization (Arabic, Chinese, French, Russian, Spanish).

COMPETENCIES

Professionalism: Sound background in sustainable aviation fuels, operations and technology associated with CO₂ emissions reduction. Familiarity with ICAO's functions and organizational structure. Shows pride in work and in achievements; demonstrates professional competence and mastery of subject matter; is conscientious and efficient in meeting commitments, observing deadlines and achieving results; is motivated by professional rather than personal concerns; shows persistence when faced with difficult problems or challenges; remains calm in stressful situations.

Communication: Speaks and writes clearly and effectively; listens to others, correctly interprets messages from others and responds appropriately; asks questions to clarify, and exhibits interest in having two-way communication; tailors language, tone, style, and format to match the audience; demonstrates openness in sharing information and keeping people informed.

Teamwork: Works collaboratively with colleagues to achieve organizational goals; solicits input by genuinely valuing others' ideas and expertise; is willing to learn from others; places team agenda before personal agenda; supports and acts in accordance with final group decision, even when such decisions may not entirely reflect own position; shares credit for team accomplishments and accepts joint responsibility for team shortcomings.

Planning and Organizing: Develops clear goals that are consistent with agreed strategies; identifies priority activities and assignments; adjusts priorities as required; allocates appropriate amount of time and resources for completing work; foresees risks and allows for contingencies when planning; monitors and adjusts plans and actions as necessary; uses time efficiently.

Accountability: Takes ownership of all responsibilities and honours commitments; delivers outputs for which one has responsibility within prescribed time, cost and quality standards; operates in compliance with organizational regulations and rules; supports subordinates, provides oversight and takes responsibility for delegated assignments; takes personal responsibility for his/her own shortcomings and those of the work unit, where applicable.

Creativity: Actively seeks to improve programmes or services; offers new and different options to solve problems or meet client needs; promotes and persuades others to consider new ideas; takes calculated risks on new and unusual ideas; thinks "outside the box"; takes an interest in new ideas and new ways of doing things; is not bound by current thinking or traditional approaches.

MODE OF SECONDMENT

The duration of the secondment is two (2) years, which can be extended for two (2) additional years and thereafter, depending on need for the subject matter expert. The secondee is expected to work five days per week.

ICAO may avail itself of the services of personnel seconded by governments, other international agencies or educational, scientific, research or other institutions. Seconded personnel are engaged under a Trust Funded or Gratis (detached expert) arrangement, in accordance with terms and conditions stipulated in a Memorandum of Understanding between ICAO and sponsor of the seconded person. During the period of assignment with ICAO the seconded individual will be considered an "Official" of ICAO.

Once engaged by ICAO the seconded individual will be under the sole authority of the Secretary General of ICAO and all relationship with the releasing Government/Agency will be held in abeyance during the period of employment with ICAO.

As detached expert: The individual is detached from the releasing Government/Agency but is assigned to work for ICAO.

Trust Fund arrangement: Funds are deposited by the Government/Agency with ICAO for the purpose of engaging personnel normally subject to the stipulations of a Memorandum of Understanding.

NOTICE TO CANDIDATES

ICAO does NOT charge any fees or request money from candidates at any stage of the selection process, nor does it concern itself with bank account details of applicants. Requests of this nature allegedly made on behalf of ICAO are fraudulent and should be disregarded.