



Madrid, 10 July 2023

ICCAT CIRCULAR # 7167/ 2023

SUBJECT: VACANCY ANNOUNCEMENT FOR THE REPLACEMENT OF THE POSITION OF BIOSTATISTICIAN IN THE ICCAT STATISTICS DEPARTMENT

I should like to inform you that the current Department Head of Statistics and Biostatistician (Mr. Carlos Alberto Martins da Palma) will soon retire after more than 23 years of service at the ICCAT Secretariat. Therefore, I should like to transmit herewith the vacancy announcement for the replacement of the **position of Biostatistician in the Statistics Department**.

I would be grateful if you could distribute this vacancy announcement to qualified individuals who might be interested.

Please accept the assurances of my highest consideration.

Executive Secretary

Camille Jean Pierre Manel

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Attachment: Vacancy announcement.



Vacancy announcement

Biostatistician (Statistics Department)

The International Commission for the Conservation of Atlantic Tunas (ICCAT) is an inter-governmental fishery organization responsible for the conservation of tunas and tuna-like species in the Atlantic Ocean and its adjacent seas. ICCAT compiles fishery statistics from its members and from all entities fishing for these species in the Atlantic Ocean, coordinates research, in particular stock assessment, on behalf of its members, develops scientific-based management advice, provides a mechanism for Contracting Parties to agree on legally binding management measures, and produces relevant publications. The management measures adopted contain requirements for both the Contracting Parties to ICCAT and the ICCAT Secretariat.

The Commission has grown considerably with regards to tasks and the personnel hired by ICCAT to carry out its mandate. Within the ICCAT Secretariat, database management, database application development, together with statistical analyses and data quality assurance, are activities been made by the Statistics Department. Within all the spectrum of information management, a close collaboration exists between the various ICCAT departments, in particular the Science, the Compliance and the Publications Departments. For general information about ICCAT please visit the [ICCAT website](#).

Position description

This is a permanent full-time position, with a probation period of one year. Under the general supervision of the ICCAT's Executive Secretary, the overall guidance of the Assistant Executive Secretary, and the coordination of the Head of the Statistics Department, the Biostatistician's main responsibilities will be to participate in the improvement and maintenance of the ICCAT database system (ICCAT-DB, a large set of about 50 databases and all their related management applications and tools), and to collaborate with the analyses and validation of the ICCAT-DB associated information to ensure its quality in the best interest of ICCAT activities.

Specific duties and responsibilities

The main duties and responsibilities are as follows:

Database activities:

- Maintenance and improvement processes of ICCAT-DB;
- Improvement the existing ICCAT-DB management applications and tools;
- Develop/upgrade of new/existing tools for data management and analytical tasks;
- Work on the migration process of the ICCAT-DB system to the newly Integrated Online Management System (IOMS);
- Provide technical support to the ICCAT Secretariat staff involved in data handling;
- Provide technical/scientific support to the ICCAT community on data management and statistical data validation;

Data and statistical activities:

- Work on data processing tasks (inventory, integration, validation, storage);
- Work on data dissemination tasks (meetings, public domain, partners, etc.);
- Work on the improvement of the data collection framework (structures, electronic forms, etc.);
- Develop/improve Quality Control mechanisms, aimed to verify and validate fishery data and other required information;
- Prepare the required datasets used in ICCAT meetings;



Other activities:

- Engage in the study and test of innovative technologies/architectures in the areas of data handling and data mining;
- Any other tasks as required by the Head of the Department and/or the Executive Secretary.

Essential qualifications and experience

- University Master's degree (or equivalent) in Fisheries and/or Statistics and/or Computer Science and/or a closely related field;
- Expertise on the development on the following relational database management systems: MS-SQL, MySQL/MariaDB, PostgreSQL;
- Demonstrated experience on data modelling and database design;
- Demonstrated programming skills on JAVA technologies and other relevant programming languages (back-end use, front-end use, multi-purpose) in particular C#;
- Demonstrated experience with statistical analyses of information on fisheries and marine resources;
- Knowledge of Integrated Development Environments (IDE) such as NetBeans or equivalent;
- Fluent in one of the official languages of ICCAT and a good working knowledge of at least another of the official languages of ICCAT (English/French/Spanish), with good writing and communication skills;
- Ability to work under pressure and within a multicultural and multidisciplinary team.

Other desirable qualifications

- Post-graduate studies in the fields of data management, data mining and statistical analyses of fisheries statistics and biological information;
- Knowledge of Windows and Linux (Debian) operating systems, including cloud servers, from the developer perspective;
- Knowledge of open-source technologies (software and programming languages)
- Working knowledge of the third official language of ICCAT, including reading and basic writing ability.

Remuneration

The position will be classified according to the United Nations Scheme at the Professional Level P-3 or P-4 (depending on the applicants demonstrated experience). The position is subject to a one-year probation period. The base salary is subject to a post adjustment for Madrid (Spain). Other benefits include: an annual pension contribution, an education grant for children (not applied to Spanish citizens), an annual allowance per dependent child, a subsidy for medical insurance coverage and access to group accident insurance coverage. Salaries are exempt from Spanish taxes. For more information regarding UN system benefits, check <http://icsc.un.org> (but please note that ICCAT benefits differ slightly from the UN system).

Assessment

The evaluation of applicants will be conducted on the basis of the information submitted by the applicants, according to the evaluation criteria of the vacancy announcement, the ICCAT Staff Regulations and Rules and administrative guidelines. Evaluation of qualified candidates may include an assessment exercise which may be followed by a competency-based interview.



Application for the position

You are kindly requested to **exclusively** send a letter of interest and a *Curriculum vitae* by e-mail to the ICCAT Executive Secretary (Mr. Camille Jean Pierre Manel, camille.manel@iccat.int) and to Ms. Ana Martínez (ana.martinez@iccat.int).

The CV should include documented educational background, professional experience, as well as three recommendation letters (indicating contact details). **The deadline for applications is 22 August 2023; 6.00 pm (Madrid time)**. The starting date for the position should be the fourth quarter of 2023.

Applicants must provide complete and accurate information pertaining to their personal profile and qualification according to the instructions provided herein to be considered for the current vacancy. No amendment, addition, deletion, revision or modification shall be made to applications that have been submitted. Candidates under serious consideration for selection may be subject to reference checks to verify the information provided in the application.