

JOB OFFER

Publication Date: December 29, 2022

Closing date for Applications: January 20, 2023

Maximum length of the process: maximum 3 months

Position Title	Number of positions	Type of contract
Head of the Technological Area at SOCIB; infrastructures and ocean observing platforms	1	Contrato indefinido Categoría II-A-3 (EST/02-011/2022)

Head of the Technological Area at SOCIB; infrastructures and ocean observing platforms	
SELECTION PROCESS	<p>The selection process will consist of a merit assessment phase (max. 80 points, min. 40 points) and a personal interview (max. 20 points, min. 10 points).</p> <p>The mandatory documentation indicated in the participation requirements and accreditation must be attached to the submission of the application. Other supporting documents proving the candidates' merits and qualifications must be presented at the interview.</p> <p>The date for the interview will be communicated to the candidates after the closing date for applications.</p>
POSITION OVERVIEW	<p>The Head of the Technological Area will be responsible for the proper operation of SOCIB's marine observation platforms and infrastructures so that the objectives established in the SOCIB Strategic Plan can be successfully achieved.</p> <p>Specifically, their responsibilities are grouped into:</p> <ol style="list-style-type: none"> 1) Coordinate the work of SOCIB's technical team and schedule their activities according to the needs of the different facilities 2) Ensure the functioning of SOCIB's infrastructures, both buildings and data acquisition platforms, with special attention to the coordination between the data-producing facilities and the Data Centre. 3) Work in close collaboration with the other heads of facilities and, together with the SOCIB management, periodically define the strategies to be followed in order to achieve the proposed objectives.
SCOPE	<p>The Balearic Islands Coastal Observing and Forecasting System (SOCIB) is a Unique Scientific and Technical Infrastructure (ICTS). SOCIB has a multidisciplinary team of 44 people working with a</p>

	<p>shared goal: monitoring and observing the Mediterranean Sea aiming to advance knowledge, understanding and sustainable management of the ocean and coasts in a global change context.</p> <p>To be able to monitor the different well-established Essential Ocean Variables (EOV's, as defined by GOOS), SOCIB has different infrastructures that make it possible to acquire information through periodic campaigns or through the reception of variables provided by permanently installed instrumentation that is recording and transmitting data continuously. This observing infrastructure is currently composed of:</p> <ul style="list-style-type: none"> • An oceanographic vessel (R.V. SOCIB) • Two semi-rigid boats of 9 and 6m in length • A fleet of autonomous submarine gliders • Two coastal high frequency radar stations (HF Radar) • Three beach monitoring stations (SIRENA video camera systems) • Six sea level stations • Two oceanographic and meteorological buoys • Three coastal stations <p>All these elements are installed, maintained, and managed autonomously by SOCIB's high level technical team, in close coordination with technicians from CSIC at UTM and IMEDEA mostly. This operating model has advantages over other management methods (such as outsourcing services), since all the elements are controlled in a close, homogeneous, and flexible way, also creating a "know-how" that is an important asset for the ICTS SOCIB and the Spanish ocean community in general. A high degree of coordination is required to keep operational all these elements, in many cases transmitting data in real or near real time, responding to the actions planned, while at the same time, responding to all the unforeseen events that may arise and that are very frequent in elements so exposed to the inclemency of the sea.</p> <p>To keep the monitoring infrastructures operational and to carry out periodic campaigns for the acquisition and analysis of oceanographic data, SOCIB has the following human resources: three technicians in the Engineering and Development Division (ETD), a technician responsible for the operational management of the oceanographic vessel, two technicians specialized in the operation and navigation of the gliders and two technicians specialized in sampling and laboratory analysis. The coordination of its activities and the interaction with the rest of the infrastructures and with the Data Center of SOCIB is a crucial aspect for the adequate performance of the activities and the optimization of the institution's resources.</p>
ESENTIAL DUTIES	<p>In line with the main function of coordinating SOCIB's technical activities, the person hired must carry out the following tasks:</p> <ul style="list-style-type: none"> • Support SOCIB's Management in planning, managing, and monitoring data acquisition strategies in general and in all projects in which SOCIB participates that have a clear

	<p>implication in the acquisition of data or the use of its infrastructures.</p> <ul style="list-style-type: none"> • Prepare the annual plans for the technical team, attending to the needs raised by the coordinators of the SOCIB facilities. • Ensure the functioning of SOCIB's infrastructures, including the data acquisition platforms and the laboratories and buildings, with special attention to the coordination between the Head of the Scientific Area, the data-producing Facilities and the Data Centre. • Be an interlocutor of the team of technicians in the work groups that are necessary for the execution of the objectives of SOCIB. • Participate in the data collection and maintenance campaigns of fixed stations by integrating into the ETD team (campaigns in oceanographic vessels, coastal bathymetric campaigns, review of anchorages, etc...). • Monitor the collaboration agreements and agreements with other public and private entities in relation to the designated projects. • Assist to SOCIB's Management in the optimization of available resources, both financial and human, related to the technology activities to achieve greater performance • Evaluate the impact of the actions and projects carried out.
PARTICIPATION REQUIREMENTS AND ACCREDITATION	<p>The candidate must meet the following requirements:</p> <ul style="list-style-type: none"> • Have a university degree in Marine Sciences. <ul style="list-style-type: none"> ◦ Form of accreditation: academic degree or equivalent certificate. Applicants with foreign university qualifications must certify that they have the corresponding validation or official recognition. • Have a minimum of 15 years of experience in international level work related to the acquisition, installation and operation of scientific equipment, laboratory management, and oceanographic data management. <ul style="list-style-type: none"> ◦ Form of accreditation: employment contracts and/or certificate of related functions, signed by the responsible of the employee • Have training in people management <ul style="list-style-type: none"> ◦ Form of accreditation: presentation of the diploma or equivalent certificate • Have training in Occupational Risk Prevention: Basic level of occupational Risk Prevention, basic training in Field Works and first aids in subaquatic activities <ul style="list-style-type: none"> ◦ Form of accreditation: presentation of the diploma or equivalent certificate • Have, at least, a qualification as a recreational boat skipper. <ul style="list-style-type: none"> ◦ Form of accreditation: presentation of the diploma or equivalent certificate • Have a driving license for heavy trailers. <ul style="list-style-type: none"> ◦ Form of accreditation: presentation of the diploma or equivalent certificate

	<ul style="list-style-type: none"> • Have a professional diver qualification. <ul style="list-style-type: none"> ◦ Form of accreditation: presentation of the diploma or equivalent certificate
ASSESSMENT OF CANDIDATES' MERITS AND QUALIFICATIONS (80 points maximum, 40 points minimum)	<p>Work experience in Spanish Science, Technology, and Innovation System: 1.5 points for each working year (maximum 25 points).</p> <ul style="list-style-type: none"> ◦ Form of accreditation: employment history report issued by the Spanish Social Security or equivalent certificate and employment contracts <p>Participation in R&D projects of relevance to the ICTS SOCIB as a member of the research team: 0.5 points for each project (maximum of 10 points).</p> <ul style="list-style-type: none"> ◦ Form of accreditation: participation certificate. <p>Participation in oceanographic campaigns: 0.5 points for each campaign participation, plus 0.5 for each campaign as P.I. (maximum of 15 points).</p> <ul style="list-style-type: none"> ◦ Form of accreditation: participation certificate. <p>Experience in call for tenders for acquisition of scientific and technological equipment and for hiring staff: 0.5 points for each participation in calls (maximum of 5 points).</p> <ul style="list-style-type: none"> ◦ Form of accreditation: documentation that provide reliable evidence of the participation <p>Record of peer-review publications, with scientific contributions in coastal physical oceanography: 1 point for each publication (maximum of 5 points).</p> <ul style="list-style-type: none"> ◦ Form of accreditation: list of publications with the DOI. <p>Participation in outreach activities promoting ocean literacy: 0.5 points for each event (maximum of 5 points).</p> <ul style="list-style-type: none"> ◦ Form of accreditation: documentation and links that provide reliable evidence of the participation <p>Training courses linked to subjects related to the position profile: 1 point for each course (maximum 15).</p> <ul style="list-style-type: none"> ◦ Form of accreditation: degree or equivalent certificate.
INTERVIEW (20 points maximum, 10 points minimum)	<p>The interview will be conducted in English.</p> <p>During the interview, the Selection Board will evaluate the adequacy and capacity of the applicants for the position, their personal skills, commitment and attitude.</p>

SELECTION BOARD:

Presidente: Head of the Scientific Area

Secretario: Responsable del Área Económico-Administrativa

Vocal 1: Responsable de la Oficina del Director

Vocal 2: Responsable del Data Center

According to article 5 of Organic Law 3/2018, of December 5, Protection of Personal Data and guarantee of digital rights, the members of the Selection Board are bound by the duty of confidentiality and professional secrecy regarding the data of personal nature that they could treat for the development of their functions in the present selection process.

For the purposes of communications, queries and other incidents, they may be sent by email to the address protecciondatos@socib.es. The information related to the call will be available on the corporate website of the ICTS SOCIB: www.socib.es.

APPLICATION INSTRUCTIONS:

A C.V. and letter of application, summarizing experience and skill set applicable to the position should be edited in English and emailed to EST2-011@socib.es, together with the mandatory documentation above specified in the participation requirements.