


Company Description

BC3 is a Research Centre on the causes and consequences of climate change. Led by one of the most recognized scientists in the Climate Change field -Prof. Maria José Sanz, we produce multidisciplinary knowledge to support decision making towards sustainable development at the international level. With a multidisciplinary team, connected to the main scientific institutions, networks and socio-economic agents, for a decade, our contribution to research of climate change and to the science-policy interface puts us in a unique position to offer knowledge, tools, new methodologies and cross-cutting proposals, that we lead towards action in a collaborative framework with stakeholders, to design and help implement policies aimed at sustainable development.

Information

 **Deadline:** 2021-11-15
 **Category:** Academia
 **Province:** Bizkaia

 **Country:** Basque Country
 **City:** Leioa

Company

BC3 Basque Centre for Climate Change



Main functions, requisites & benefits

Main functions

The Basque Centre for Climate Change (BC3) offers a full-time Research Assistant (RA) position for a period of 13 months. "GHG from extensive livestock systems" is a small project that feeds into the BC3 work currently carried out within the general subject of improving estimations of food-related climate impacts. The main objective of the project relates to the quantification and production of a GHG baseline for livestock pastoral production systems. Some of the main tasks of the expected work will involve (i) gathering existing data on wild herbivory density from various protected areas in Spain that are representative of the country's most common ecosystems, to estimate the natural carrying capacity of herbivore ecological niches and their corresponding GHG emissions and (ii) establish a general classification of Spanish extensive systems and a broad characterization of their levels of external inputs, through a participative consultation process. The level of dedication in the different activities will vary throughout the contract period depending on the needs of the project and the established work schedule. This will be managed by the internal project coordinator at BC3. The selected person will be responsible for (but not limited to): reviewing the state of the art, (including scientific and grey literature), of herbivore density in natural Spanish landscapes, and of existing pastoralist peoples in Spain. consulting other research groups (notably IREC-CSIC) on wild herbivore densities in various Spanish ecosystems. facilitating participative consultation processes for establishing a characterization of Spanish pastoralist systems. creating databases and technical analysis of the data collected. contributing to the development of a written report and scientific articles. contributing to develop materials for communicating the results to the relevant stakeholders. The selected person will be physically located in Leioa (Bizkaia) at the UPV-EHU Science Park, at BC3 facilities. The selected person will work under the direct supervision of Dr. Agustin del Prado (project coordinator at BC3) and in close collaboration with Dr. Pablo Manzano and Dr. Guillermo Pardo, according to the needs of the project. The applicant is expected to comply with the standards of conduct and ethics imposed by the host institution (BC3).

Requisites

Experience / Skills: University Master Degree in natural sciences or related engineering disciplines. Knowledge in Spanish ruminant livestock systems, parameter studies and sensitivity analyses. LCA methodology. Experience in extensive livestock systems characterization. Fluency in Spanish and English, demonstrable. Good oral and written communication skills and interpersonal and analytical skills. **Desirable Experience / Skills:** Experience in data collection, data management, data exchange applied to livestock systems.

Benefits

The Basque Centre for Climate Change (BC3) offers a full-time Research Assistant (RA) position for a period of 13 months. The selected person will join the Terrestrial Ecosystems research line at BC3. 35 hours a week. 30 days of vacation per year for a full working year. Possibility of participating in internal training, learning or corporate social responsibility activities of the centre. Excellent working