

PhD position in Artificial Intelligence & Data Science for Forest Ecosystems

Eurecat Technology Centre and the **University of Lleida (UdL)** offer a full-time PhD position to conduct groundbreaking research on forest ecosystems based on artificial intelligence and bigdata.

Project title: The title of the PhD project is “Multi-scale characterization of forest ecosystem structure, dynamics, diversity and ecosystem services based on Artificial Intelligence and BigData technology”. The research topics will be further specified and adjusted based on the skills, background and interests of the selected candidate.

Required qualifications of the candidates: We are looking for highly motivated and enthusiastic candidates. Applicants must have good programming skills (mainly R and Python), strong motivation and background on forest ecology and remote sensing, as well as on analyzing large datasets. Good English skills, both written and spoken, are also necessary. Candidates must have an official Master's degree (at least 60 ECTS), having covered at least 300 ECTS throughout the university studies. Further details about the required conditions can be found at: <https://eurecat.org/en/eurecat/vicente-lopez-phd-scholarship-programme-2019/>.

Supervision: The PhD thesis will be developed between the Departament of Crop and Forest Sciences of the University of Lleida and Eurecat within the framework of the Global Forest Biodiversity Initiative (GFBI) Hub, located at UdL. The PhD supervisor will be Dr. Sergio de Miguel, Head of the UdL-GFBI Hub, and Eurecat will provide co-supervision under the coordination of Mr. Gabriel Anzaldi.

Terms of employment: The contract is linked to the production of a doctoral thesis at Eurecat, and will have a maximum duration of three years. The contract will be renewed on a yearly basis, dependent upon a favourable report from the thesis directors. The expected starting date is September 2019. The selected PhD candidate will be contracted by Eurecat within the framework of the *Vicente López* Programme. The remuneration provided for in the contracts is divided into the following two items: a) Annual gross compensation: 1st year: €14,400; 2nd year: €15,600; 3rd year: €15,600, and b) The cost of enrolment and supervision for the thesis. The working place will be in the headquarters of Eurecat in Lleida city (Spain).

Application procedure and selection criteria: The application must be submitted in due time through Eurecat website <https://eurecat.org/en/eurecat/vicente-lopez-phd-scholarship-programme-2019/> in accordance to the instructions there specified and by providing all the required information in the online forms and documentation https://eurecat.org/wp-content/uploads/2019/04/Bases_VicenteLopez_2019_EN-1.pdf. A personal interview may be also requested prior to the final selection of the PhD candidate.

The application period will remain open until June 16, 2019.

Applicants willing to receive additional information may contact gabriel.anzaldi@eurecat.org