



## **POSITION ANNOUNCEMENT AT LESTARI CAPITAL**

### **POSITION: SENIOR GEOMATICS MANAGER**

Duty Station: Bali, Indonesia or home based

Contract: 100% Full-time equivalent employee with annual renewal option

Deadline for Application: November 18, 2022

### **OUR COMPANY**

Founded in 2017, Lestari Capital is a start-up environmental enterprise, built to protect the world's natural assets through a commercially viable business model. We accomplish this by mobilizing new finance for initiatives that protect and rehabilitate important natural landscapes around the world. The Indonesian word "Lestari" means sustainable, or everlasting, signifying our commitment to developing long-term sources of finance for high-quality conservation and restoration initiatives.

Lestari Capital's impact model addresses a critical need for long-term operating capital for conservation projects delivering measured and verified environmental service outcomes (ESOs). Lestari Capital aims to strengthen Southeast Asia's emerging environmental services marketplace, by connecting demand for on-the-ground conservation efforts among commodity producers/buyers with Projects that are protecting or restoring forests where these companies operate, to protect at-risk areas. Lestari Capital is supported by a diverse group of public-private partnerships and brings actors from the commodities and finance sectors together with conservation initiatives and funders.

### **POSITION OVERVIEW**

The Senior Manager of Geomatics will work for Lestari Capital providing technical leadership in developing, managing, and innovating its GIS systems. S/he will provide technical support to daily operations, as well as work independently, and with the team, leading on improving company systems, client support, and business development offers.

This position will help develop and lead a team of analysts providing state-of-the-art quantitative data and spatial tools for evaluating, developing, and managing land-use projects that provide ecosystem service outcomes to corporate partners. Work responsibilities include technical analysis in support of identified project opportunities, ensuring that they achieve the highest quality standards within the industry, remaining on schedule despite tight deadlines, and



maximizing benefits to communities and funding partners. The candidate leads geospatial analysis and forest data management in the service of delivering third-party verified GHG offset credits within the Lestari Capital Climate Project Portfolio. She/he will report to Head of Technical Assurance and work closely with the rest of the Project Team.

As a key member of the Project Team, this team member will:

- 1) Serve as part of the Technical Team providing all spatial analysis required for all stages of project development, management, and monitoring as well as research for the Business Development team.
- 2) Evaluate project opportunities using spatial tools in close coordination with the Head of Origination,
- 3) Lead analysis for carbon quantification, spatial analysis, and ecosystem services within projects to be developed and validated under the Verified Carbon Standard (VCS) and other high quality internationally recognized standards,
- 4) Develop long-term monitoring and maintenance spatial tools and provide leadership and innovation on all geospatial analysis with Lestari Capital.

## **POSITION RESPONSIBILITIES**

### **1. Development, Maintenance and Continual Improvement of Lestari Capital's Database and GIS Systems**

- Building on previous work, ensure the establishment, maintenance and continual improvement of Lestari Capital's GIS Systems and processes, including (but not limited to) a main database, a web-based platform, GIS software usage for advanced GIS analysis, sharing and storage systems, and any other required systems.
- Develop procedures and processes for the proper usage of the above systems, including those for data use, data sharing, data collection, data verification, and data manipulation/analysis.
- Manage a team of GIS analysts that deliver spatial analysis, maps, and quantification of ecosystem service outcomes, including carbon, to project team and ensure well-defined workflow between technical team and project managers
- Provision of on-going training, including the development of training materials, for the Lestari Capital teams and ensure proper data usage, and sharing follows company standards. Ensure quality of GIS product being delivered by others in the Lestari Capital team.

### **2. Evaluate new project opportunities using spatial tools supporting the Head of Origination.**

- Utilize standard calculation tools to rapidly screen potential projects and assist with prioritization of opportunities to ensure that LC maintains the highest integrity project pipeline.
- Participate in regular planning meetings and engage in discussions related to project design and development, preparing early assessments of ESO potential (carbon) and geospatial information



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- Inform technical due diligence requirements
- Prepare information and analysis on project ESOs (conservation, restoration, carbon) for LC clients

### **3. Spearhead technical analysis for spatial analysis and GHG quantification required by all business lines**

- Provide quality spatial data support to Origination and Project Managers, ensuring that Lestari Capital delivers successfully high-quality project opportunities
- Contribute to the design and review of feasibility studies to determine whether projects meet the long-term vision and requirements of Lestari Capital
- Review and validate geospatial and carbon information in technical due diligence reports, in line with applicable sustainability standards (VCS, CCBS, etc)
- Undertake carbon quantification of project portfolio in line with latest methodological guidelines (e.g. SBTi)

### **4. Develop long-term monitoring and maintenance tools and provide leadership and innovation on all geospatial analysis and carbon accounting**

- Lead development of new spatial tools and online systems to streamline the monitoring and reporting requirements for projects.
- Work with project funding partners to ensure that benefits from projects are clearly communicated and success is documented in a streamlined and universally accessible framework.
- Assist with developing a team of analysts that employ the latest technology and can establish Lestari Capital as a leader in spatial analysis of carbon projects and identify new opportunities.

## **QUALIFICATIONS**

- Master's Degree in forestry, ecology, agronomy, natural resource management, conservation, or another relevant field
- Minimum 10 years working experience in agriculture, forestry, ecosystem science, or international development with a strong knowledge of natural resource management issues within SE Asia
- Expertise working on conservation and restoration projects within the region.
- Expertise in GHG quantification and accounting for ecosystems, such as forests, peatlands, mangroves, and agricultural land
- Knowledge of local governmental agencies and international funding programs focused on conservation, community forestry, or climate friendly land management
- Knowledge of local forest laws with a deep understanding of management concessions and required forest practices



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- Experience working with NGOs, finance teams, and agri-businesses operating at the intersection of natural resource management and extraction
- Deep familiarity with software tools widely used in natural resource management (Excel, Access, Power Point, GIS, scripting languages – R, Python or others)
- Demonstrated business-level fluency in both oral and written in English
- Experience with ecosystem service markets and quantification of benefits related to community, biodiversity, and climate
- Knowledge of AFOLU projects under the most important GHG programs, protocols, and methodologies (VCS, CCB, Gold Standard, and others)
- Knowledge of corporate sustainability commitments (net zero, science based targets, etc.)

## PERSONAL ATTRIBUTES AND COMPETENCIES

- Good personal organizational and priority setting skills, with the ability to work effectively under time pressure and manage multiple priorities.
- Capable of working independently as well as being an effective team player, with initiative and creativity.
- Good interpersonal and communication skills, with the ability to effectively interact with people in a multi-disciplinary and multi-cultural environment.
- Values the sharing of information and continuous improvement in a cooperative atmosphere of constructive evaluation and learning.
- Excellent facilitation and teambuilding capacity.

## WORK CONDITION

The candidate should be able to work in Indonesia and have the flexibility to commit to travel to research sites as necessary. The position will be located at our office in Bali. Lestari Capital may be willing to discuss home based locations for the right candidate.

## TO APPLY

The salary will be commensurate with qualifications and experience.

Applicants should apply by sending a cover letter and CV to: [jobs@lestaricapital.com](mailto:jobs@lestaricapital.com) before 18<sup>th</sup> November 2022. Early applications are encouraged and will be given priority.

The job description can also be found here: <http://lestaricapital.com/jobs/>



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**Important:** Please include your name and the position as the subject line of the email and in the titles of all attachments (please use the format: YourName\_SGM\_CV.pdf, YourName\_SGM\_CoverLetter.pdf). In the body of your email and your cover letter please include this summary table:

Position Title	
Surname	
First Name	
Degree type (BA, MS)	
Degree field	
Graduation Date	
Years of work experience	
Technical area	
Software expertise	
Language fluency	
Nationality/Residency	
Availability	