



POSITION ANNOUNCEMENT AT LESTARI CAPITAL

POSITION: HEAD OF GIS

Duty Station: Jakarta

Period of Work: Fulltime

OUR COMPANY

Established in 2017, Lestari Capital PTE LTD is a Singapore-based company founded to drive market-linked finance into tropical forest conservation and restoration initiatives. The Lestari Capital team has spent the last 2 years working in consultation with the global agro-commodity, financial and non-governmental sectors to develop a new finance vehicle, known as the Sustainable Commodities Conservation Mechanism (SCCM), which links a portfolio of high-quality projects to blended finance sources. Lestari Capital specializes in identifying, vetting and financing internationally certified projects that deliver verified conservation and restoration impact, starting in Southeast Asia.

POSITION DETAILS

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

The role will report to the Chief Conservation Officer under the projects department, however will work closely with the Head of Business Development and the Research and Development team. The role may also work closely with strategic partner organisations in the future.

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.
- Support the continual improvement of the data sets available, through application of new and improved analysis techniques, verification (whether desktop or field) of data, and active research and development. This should include developing a knowledge base and good communication of

new technology applications of GIS within the sustainability sector within Lestari Capital and targeted teams.

- 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.

Monitoring and Reporting

- Development, either internally or with external partners, of a “project delivery monitoring system”, together with the Chief Conservation Officer, to ensure that projects are in compliance with agreed KPIs (when related to those observable via GIS). Such a system should ensure use of robust methodology.
- Development of guidance materials for use by Lestari Capital projects on the use of the developed monitoring system.
- Development of a public-facing platform to communicate achievement of KPIs by projects supported by Lestari Capital. This should include basic data analysis and statistics.

Research and Development

- Together with the Research and Development team, support the development of new methodologies, new business offers, new approaches for supporting no deforestation, landscape-level collective responsibility, and other applications of the Lestari Capital model.

Technical support provision

- Provide day to day GIS support to the various Lestari Capital teams (workflow to be managed by line manager with the Head of GIS) including the Projects, Business Development and Research and Development teams on an ad-hoc basis. This may include mapping support, GIS analysis, or other aspects as required.
- Providing technical guidance to Lestari Capital project awardees and/or other collaborators as required. This includes limited on and offsite training, developing reporting guidance standard operating procedures, and reviewing and providing feedback on their reporting to Lestari Capital.

REQUIREMENTS

Education:

- Master’s Degree in forestry, ecology, environmental studies, geography, or relevant field.

Experience and technical skills:

- At least ten (10) years of relevant professional experience in developing and conducting land use based spatial analysis and spatial data management, strong preference for experience in forestry, environmental, conservation, and/or agricultural sectors.
- Advanced knowledge in building and maintaining GIS based database systems
- Advanced knowledge in QGIS, ArcGIS (desktop and server), Spatial Analysis and Image Processing Sof/tware (e.g. QGIS Semi-automatic Classification Plugin (SCP), The Sentinel



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Toolbox, Geographic Resources Analysis Support System (GRASS), ENVI, etc.) as well as data management

- Experience in managing GIS technical assistants and consultants
- Strong capacity and ability to lead all GIS (and Remote Sensing) required in various conservation assessment tools: High Conservation Value (HCV), High Carbon Stock approach (HCS), etc.
- Strong capacity, experienced, and ability to demonstrate the landscape conservation approach. Including ability (within in a team) to develop / proposed / recommend appropriate method to support planned, monitoring the on-going conservation Lestari Capital's projects.
- Strong computer skills in the main software programs (Excel, Word, Power Point Access, etc.)
- Strong capacity developing the spatial database, using various platform i.e. ArcIMS, Geonode, etc.
- Strong computer skill in information technology and programming will be an advantage (DBMS, python, php, javascript)
- Familiarity to work with variety of remote imageries, e.g. Sentinel-1, Sentinel-2, Landsat, SPOT, IKONOS, GeoEye, etc.
- Knowledge and experience with the spatial datasets developed, spatial analysis and cataloged for Indonesia at local, regional, national, and international desired.
- Familiarity with Indonesian government agencies associated with spatial and non-spatial information services desired.
- Knowledge of the licensing and permitting process for land use in Indonesia desired.
- Familiarity with climate change mitigation and greenhouse gas emission accounting desired.
- Familiarity with development and sustainability policies and pledges by government and private sector desired.
- Familiarity with technical aspect for palm oil and forestry especially applications of GIS for private sector desired.
- Experience with databases using SQL including construction and macro development is a plus.
- Good communication both oral and written, in English and Bahasa Indonesia required.

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.



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- 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 will have the flexibility to be able to commit to travel to research sites as and when necessary.

TO APPLY

The salary will be commensurate with qualifications and experience.

Applicants should apply by sending a cover letter and CV to: Dr. Sarah M Walker, Chief Conservation Officer, hello@lestaricapital.com

Please include your name and the position in the title of the attachment.