

COMPANY: Unilever/XploreGIS

JOB TITLE: Geospatial Analyst (Full-time Contract, 6 to 12 months, extensible)

JOB LOCATION: Singapore

BACKGROUND AND MAIN JOB PURPOSE

Unilever has significantly stepped up its ambition to drive impact for people and nature in the transition from the Unilever Sustainable Living Plan (USLP) to the Unilever Compass strategy. The new multi-year commitments require embarking on an ambitious journey to change commodity supply chain traceability and transparency, to increase the accountability of upstream supply chain actors for environmental and social risk, and to deliver on our commitments to a deforestation-free supply chain. This agenda requires the support of a Geospatial Analyst.

We need a highly curious and motivated individual to work at the intersection of data analysis, model-building and cartography. Your duties will include analysing spatial data through mapping software and building and interpreting maps with geographic data and various other data sets. You will also use spatial and other intelligence to build predictive models to inform Unilever's risk management, sourcing strategy and field programs.

This role will provide support to the Unilever Sustainable Sourcing Managers and Procurement Buyers to implement our sustainability and deforestation-free sourcing strategies with suppliers in palm oil, soy, cocoa, pulp and paper, and tea supply chains and impact projects and programs in forest protection and restoration, regeneration and carbon.

KEY RESPONSIBILITIES

Data Curation, Models, Automation, Analysis, and Reporting:

- Integrate, manipulate, and maintain datasets from spatial datasets / data library from suppliers, service providers, and consultants, transitioning from ad hoc to systematic data collection and management process.
- Use geospatial data science to gain understanding of the likeliest links in the supply chain network (e.g. sourcing patterns of mills, trading relationships) based on prior knowledge of supply chain facilities and data on commodity flows.
- Analyse & present the data to give the Unilever Sustainable Sourcing and Procurement Buying teams information required to engage suppliers and source preferentially from origins that advance achievement of the Unilever People and Nature Policy and Compass Strategy commitments and to minimize risk.
- Support other geospatial analysts in the team with the transition to consistent, automated, and low intervention digital processes by setting up workflows from currently manual processes.
- Take ownership of streamlining data collection and management for traceability workstreams collaborating with different partners that would unify datasets from Unilever factories to plantations and farms.
- Produce maps showing the spatial distribution of various kinds of data, including, but not limited to, mill and refinery sites, forest, deforestation, fires, smallholder distributions.
- Produce reports on geographic data utilizing data visualizations.
- Apply mapping tools and integrate reports with procurement teams to act on deforestation & conversion alerts and external grievances.

Support Project Development and Management of the Unilever People and Nature Geospatial Dashboard and Digital Platform (including for Zero Deforestation):

- Assist other geospatial analysts in the team in terms of maintaining the dashboard and digital platform, bug fixing, building, curating and migrating consistent data schemes and a data repository, strengthening models and algorithms as they are tested and come online onto the platform.
- Support on the managing service providers and consultants to deliver Zero Deforestation and traceability reporting from various datasets and geospatial information through an online dashboard for all forest risk commodities at Unilever.
- Support the construction, development, and maintenance of data-driven decision-making geospatial tools and scorecards related to sustainability, traceability, and transparency for teams within Sustainable Sourcing and Procurement at Unilever.
- Collaborate with team members to identify opportunities for geospatial analysis to support and inform decision making on social sustainability and human rights, biodiversity, restoration regeneration, climate change.

KEY REQUIREMENTS:

- University degree in Geospatial Information Systems, Environmental Studies, Supply Chain, Computer Science, Geography, Surveying or related field.
- Experience with mapping tools such as ArcGIS, QGIS, Google Earth Engine and proficiency with various mapping languages.
- Experience working with spatial data, both raster-based (grid cells with pixel data e.g. satellite image, carbon density map) and vector-based (geometries with data attributes e.g. census tract, palm oil plantation boundary)
- Excellent Excel & PowerPoint skills that support well-developed skills in presenting complex information, both visually and in writing
- Agricultural supply chain knowledge and previous procurement experience is an advantage.
- Must be a self-starter with strong Bias for Action, Accountability & Responsibility and Growth Mindset.
- Must be a strong executor, being able to work independently and virtually.
- Able to work in fast paced environment and manage timelines
- Exceptional communication and influencing skills.
- Strong analytical mindset and curiosity.
- Outstanding quantitative skill set.
- Attention to detail and good problem-solving skills.
- Project and change management experience.

TO APPLY

Please apply by writing to this email (Peng.Wang@unilever.com or e0316601@u.nus.edu) with you resume and CC included. Your application will be reviewed against our requirements.

Thank you for your interest and application.