

Job title: GIS Data Processor
Job Reference Number: E0040

Responsibilities

Candidate will be expected to use commercial-off-the-shelf software as well as in-house software to perform a variety of data processing tasks including but not limited to:

- photogrammetry
- image calibration
- data entry

Minimum skills and experience:

- Understanding of the photogrammetry process
- Basic GIS knowledge: spatial reference systems, digitalisation, raster vs vector data
- General computer graphics knowledge: lossy vs lossless compression, 8bit vs 16 bit images, multichannel images, image metadata
- Experience with Pix4D / Agisoft Metashape (aka Photoscan)
- Communication skills with demonstrated teamwork
- Independent problem solving
- Above average computer literacy
- Attention to detail

Preferred skills and experience

- Experience analysing and tagging high resolution (10 cm GSD or better) imagery
- Experience with multispectral image collection, processing and analysis
- Experience with in-field data collection
- Understanding and experience with UAV data collection
- Experience in forestry, agriculture or geology
- Linux experience
- Use of virtual machines
- Experience with multispectral and hyper-spectral data
- Experience with QGIS, eCognition, or similar tools
- Python experience

Location

This position is based on Australia with a mixture of remote and office work. Office work will be in Singleton, NSW.

Employment type

Full time

Ethos

BioCarbon Engineering believes that diversity builds strength, and this is already reflected in our international, interdisciplinary team. We look forward to building a strong team together.



How to apply

Please send your CV (2 page maximum) and cover letter (please include your NAME in the file names) to jobs@biocarbonengineering.com with the Job Reference Number in the subject line.

