



Geospatial Analyst

Conservation Biology Institute
Corvallis, Oregon, Remote optional

[Conservation Biology Institute](#) (CBI) is hiring a full-time, permanent geospatial analyst to be a core technical member of our remote sensing and spatial modeling team. You will work closely with colleagues to apply a range of tools and technologies to create customized spatial products for conservation, restoration, and natural resource management.

About the position

We are looking for a geospatial analyst with a strong background in GIS and remote sensing, demonstrated skills working with ArcGIS ModelBuilder and Google Earth Engine, the ability to communicate results clearly to expert and non-expert audiences, and an interest in working closely with a core team to translate cutting-edge science into effective, real world conservation solutions.

You will work on a diverse set of projects alongside other team members to gather and evaluate spatial data, create metadata, perform robust, innovative spatial modeling and remote sensing analyses, document your methodologies/code, and clearly communicate results through writing, visualizations, and maps to a diverse audience, including decision-makers and non-scientists. Position is full-time permanent, remote optional.

About us

CBI is a non-profit with a mission to conserve biological diversity and build a more sustainable world. We are a cohesive group of scientists, geospatial analysts, spatial modelers, and software engineers. The geospatial team works closely with other CBI staff, as well as external clients, to develop solutions to complex spatially related problems in order to help support conservation, mitigation, and recovery efforts both locally and around the globe. We build models, write scripts, and develop custom tools and decision support systems to help achieve this objective. We work closely with our software development team to generate high-quality datasets that can be consumed by [Data Basin](#) (our collaborative science-based environmental spatial data platform) as well as by our [custom web-based mapping applications](#). CBI is committed to attracting and retaining a diverse staff; we strive to create and maintain a working environment that is inclusive, equitable and welcoming.

Requirements

We are looking for applicants with 2+ years of experience in geospatial analysis and remote sensing applications, with a post-baccalaureate GIS certificate, M.S., or several years work experience preferred. You should be knowledgeable in GIS and remote sensing and proficient in ESRI ArcGIS (incl. ModelBuilder) and the Google Earth Engine platform. You should be comfortable working with diverse spatial and tabular data, as well as independently learning and applying new approaches/tools on-the-job. We commonly use the following technologies in our work: ArcGIS, GEE, Python, JavaScript, R, SQL, and various GIS tools and software libraries. We often take an

iterative approach to project work, which requires close collaboration with team members to undertake analysis/modeling and to deliver results to clients through writing, visualizations, and maps.

Compensation

The salary range for this position is \$55k - \$65k depending on experience. Benefits include: medical, dental, vision, life, and disability insurance; paid vacation, holiday, and sick days, employer matched Simple IRA retirement plan, and flexible work schedules.

Apply: May 28th Deadline

We are interested in every qualified candidate who is eligible to work in the United States but are not able to sponsor visas. You must be fluent in English and available to work during our core business hours: 9 am to 5 pm PST/PDT.

Please email the following to geospatial@consbio.org, in a zipped folder labeled with your name:

1. Résumé
2. Why you're interested in this position, our organization, and how your past experience relates.
3. Examples of your work that you're able to share with us via a web portfolio (and/or GitHub, Stack Overflow, etc.).
4. On a separate page, please describe how you'd go about solving a complex geospatial analysis problem you haven't encountered before; what resources and processes would you employ?