

Sustainability Strategy Modeling

Associate at Lotus

About Lotus

Lotus Engineering and Sustainability has delivered responsible and progressive sustainability solutions for public and private sector clients since 2012. Our consulting services combine the technical and pragmatic approaches of engineering and business with the holistic and innovative approaches of efficiency and sustainability. We excel at helping clients look at their sustainability and social initiatives through various lenses including public relations, financial, political, and environmental impact.

The work we do makes a difference, and we want a broad audience to engage with it.

- We recognize that great relationships form the foundation for great projects. We take the time to get to know our clients – their context, motivation, and goals. We invest in our relationships with our employees and contractors because we recognize that they are integral to our success.
- We do great work, and we turn it around quickly so that our clients can deliver on their commitments.
- We use a wide range of communication skills to deliver the results of our analysis so that non-technical audiences can use them to make decisions.

Our projects address sustainability, climate action, and resiliency planning; greenhouse gas accounting; environmental justice and social equity issues; energy efficiency program development and management; and market/regulatory analyses.

Team Environment

Lotus believes that collaboration and cooperation result in better outcomes for our clients and our team members. We respect the unique talents and perspectives that each person brings to our team and encourage them to leverage those skills to bring value to our clients. Our success as a team is intertwined with the success of each individual.

We rely on our team members to deliver high-quality work on time and on budget in a fast-paced, demanding environment. We are able to be responsive to our clients because we are responsive



within our team. We are an organization that relies on effective and proactive communication, typically during regular business hours, to achieve our goals.

We succeed because we consider issues from many points of view. We assess how someone else's context affects their position on an issue; we do this for each stakeholder in a discussion, whether it is inside a client organization or in a broader group. We take the time to synthesize these perspectives and identify solutions that create lasting benefits. Each team member contributes their unique experiences and perspectives to consider issues from many points of view.

A Week in the Life of a Lotus Employee in this Position

We are looking for someone who is willing to get their hands dirty – to pitch in on all tasks that come up in the course of business. We need you to be flexible and nimble, willing to adapt to the needs of a business in a rapidly evolving market.

Our business model relies on your ability to work independently and as an effective team member, ask good questions at the right time, and self-manage tasks and deadlines with the support of the team. We need you to be resourceful, quickly leveraging the resources at your disposal in a strategic manner to work through day-to-day challenges.

During the course of a given week, we'll ask you to employ a broad range of skills. We'll ask you to use both sides of your brain. **This role will be directly under the Team Lead for Strategy Modeling and Data Visualization and part of the larger Greenhouse Gas Data, Modeling, and Visualization Team.** Your work will directly help dozens of clients make defensible decisions on prioritizing sustainability.

Here's a snapshot of some of the work that we currently anticipate:

More than anything else, we'll rely on you to conduct quantitative analysis.

- Calculate greenhouse gas emissions.
- Create emission scenario, policy impact, and decision modeling tools.
- Clean and manipulate collected data and transform data into the necessary formats for emissions calculations and modeling.
- QA/QC spreadsheets.

We'll ask you to help us craft a story that explains our work.

- Use the results of our analysis to develop charts and graphs that convey our main points in
 - o Excel
 - o ArcGIS Online
 - o Tableau
 - o PowerBI



- o Other platforms as needed
- Create StoryMaps.
- Develop presentations using graphics to present our work to non-technical audiences or to conference attendees.

We'll ask you to conduct research.

- Identify, organize, and help respond to upcoming project opportunities.
- Conduct literature reviews.
- Synthesize existing research and apply findings to new approaches.
- Perform detailed research and stay informed on best/new approaches to modeling and data visualization.

We'll ask you to write (not limited to):

- Write a summary report that translates technical information into plain English to make it accessible and tangible for non-technical audiences.
- Write case studies and memos.
- Help ensure that written products adhere to Lotus' standard of quality

In the future, we'll ask you to support the management of projects (not limited to):

- Scope projects and estimate hours to complete projects.
- Ensure that our clients' needs and wants are met.
- Ensure projects stay on budget and meet designated timelines.

Research shows women and other underrepresented and historically marginalized groups tend to apply only when they check every box for job qualifications. If you are reading this and hesitate to apply for that reason, we encourage you to apply.

This position requires a candidate with the following qualifications:

- A love of data and spreadsheets.
- Expert understanding of Microsoft Excel.
- Applied experience using modeling and forecasting to quantify impacts over time.
- A passion and enthusiasm for the work we do with public and private sector clients.
- Strong history of working directly with clients/partners and effectively communicating complex data.
- Undergraduate or graduate degree that includes some combination of quantitative and qualitative skills.
- At least 1-5 years of interdisciplinary work experience that demonstrates progressively increasing levels of responsibility.
- A clear history of working on multiple tasks/ projects within established timelines.



- A history of successful, creative problem-solving.
- A history of self-education on issues outside the immediate scope of prior work.
- Strong history of self-management and being self-sufficient.
- Valid driver's license and comfort with driving.

Other desirable attributes include:

- Experience with greenhouse gas accounting.
- Experience with data analysis in R, Python, or other programs for data analysis.
- Experience in Canva, Adobe InDesign, and ArcGIS (Desktop and Online).
- Experience with PowerBI and/or Tableau.
- Strong communication skills, including writing, graphics, verbal, and presentations.
- Spoken and written fluency in both English and Spanish.

Compensation: and Benefits: Salary commensurate with experience with a range of \$65,000 - \$80,000. This range is based on a 40-hour workweek. ***We highly value work-life balance and rarely work more than 40 hours per week.***

A full-time employee will be eligible to participate in Lotus' medical and dental plan, and matching 401K (up to 3%). Lotus observes 10 holidays for full-time employees and offers a flexible work schedule with unlimited PTO that allows employees to own their work-life balance. Instead of tracking PTO, employees are assigned quarterly target hours that include 40 working hours per week with 15 *suggested* vacation days and 10 holidays per year - employees are not limited to that suggested time off but are fully responsible for meeting their targets.

Additional benefits include: Volunteer and Board time up to 30 hours per year, annual training and continuing education budget, employee donation matches, and 6 weeks of paid parental leave.

Location and Schedule: We are open to remote or Denver-based employees. If in Denver (or the surrounding Metro area), the work would primarily take place at Lotus' Denver location (Steno - 1627 Vine St near City Park). Note that Denver area employees can remotely work for multiple days a week. We are open to remote working as long as employees are available to chat or email during normal business hours. The office is generally open from 9 am - 5 pm Monday through Friday.

We expect periodic meetings in and around Denver and occasional client-related meetings throughout Colorado and nationally.

To apply

Please submit the following documents to hello@lotussustainability.com with position name in the title followed by your name "Sustainability Strategy Modeling Associate - [Your name]":



- **Resume and Cover Letter** – Help us understand why you’re the right fit for our team. Tell a story, highlight your most applicable skills, do whatever you think will capture the essence of what you’ll bring to the table. Cover letters should address your ability to meet the job responsibilities in the Required Qualifications section. Please include 2-3 references.
- **Technical writing sample** – We’re looking for something that shows us your analytical skills, written communication, and data visualization whether it’s a technical paper you wrote, conference poster, a section from a recent project report that’s publicly available, or something else. Please make sure that it is **your** writing and analysis that we see.
- **Data Communication Sample** – As noted above, we use a wide range of communication skills to deliver the results of our analysis so that non-technical audiences can use them to make decisions. Please demonstrate your ability to communicate data through visuals (charts/graphs/GIS Maps/StoryMap, etc) and/or writing.

The review of materials is ongoing and will continue until the position is filled. Early application is strongly encouraged.

We strongly encourage applicants with diverse backgrounds to apply.

