

Senior Science + Innovation Advisor

Washington, DC

WHO WE ARE

We know that our climate goals can only be met by rapidly reducing emissions and removing the carbon that already exists in our atmosphere. [Carbon180](#) is a climate NGO with a vision to remove legacy carbon emissions from the atmosphere and create a livable climate in which current and future generations can thrive. Based in Washington, DC, we design and champion equitable, science-based policies that bring carbon removal solutions to gigaton scale.

THE OPPORTUNITY

Overview

Carbon180 is seeking 2-3 senior science and innovation advisors to join our expanding team. The science and innovation team is responsible for ensuring Carbon180's policy recommendations are informed by the most up-to-date science and industry knowledge. Science and innovation advisors work closely with the policy team to (1) respond to time-sensitive opportunities from Congress, the White House, and federal agencies and (2) proactively develop and communicate technical guidance — through a policy lens — to support the rapidly expanding carbon removal sector.

In this role, you will be a multidisciplinary contributor that brings technical expertise to a diverse range of projects such as white papers, legislative text, fact sheets, memos, and convenings. You'll be expected to stay up-to-date on carbon removal pathways, including promising frontier technologies, and share the most impactful learnings with the Carbon180 team.

This role will report to the director and deputy director of science and innovation. Carbon removal experience is not required. We encourage applicants from a range of technical backgrounds who are excited about building the carbon removal industry.

Major Roles + Responsibilities

- Develop broad scientific expertise across carbon removal pathways, with the ability to jump in and quickly provide technical leadership and guidance on projects
- Within the first 6 months of joining, expand Carbon180's technical breadth by leading a deep dive into an emerging carbon removal area — for example, ocean CDR, mineralization, synthetic biology, or permanent storage
- Explore emerging carbon removal solutions and updates to existing solutions with a focus on identifying what policy support is needed to reach full scale and potential
- Quickly synthesize and translate technical information and developments related to carbon removal solutions for non-technical audiences
- Help build a network of external technical experts and carbon removal stakeholders

- Contribute to the development of best practices for sharing scientific and innovation-related learnings with the full Carbon180 team
- Support the creation of and advocacy around best practices for the carbon removal industry, including around environmental justice
- Work closely with the communications team to support thought leadership on topics related to science and innovation through blogs, media engagement, white papers, and other products

Compensation + Benefits + Perks

Carbon180 is deeply committed to providing competitive compensation and comprehensive benefits to our employees.

The salary range for this position will be between \$90,000 and \$135,000, commensurate with candidate experience.

Carbon180 prides itself on offering benefits and perks to our employees that illustrate how we live our values, including:

- 36-hour workweeks (we close at 1 pm every Friday) and dedicated no-meeting time each week
- Flexible work culture
- 4 weeks of PTO, 2 weeks of sick leave, and 5 floating holidays/personal days
- Paying 100% of medical/dental/vision insurance premiums for you and your dependents
- A quarterly health and wellness stipend

WHO YOU ARE

Our ideal candidate believes deeply in our mission. Beyond that:

- **Science and innovation are your “things.”** You’re excited about new technology and its capacity to impact climate change. Your friends expect you to know (or find!) the answer to random technical questions, regardless of the topic. Synthesizing learnings across domains to identify novel opportunities is one of your superpowers.
- **You move fluidly from strategy to execution.** You appreciate the big picture and a bold vision, but you know it's all in the details. You contribute to multiple projects fluidly, fiercely prioritize, and track timelines. You don't drop balls, miss deadlines, or forget to respond to someone's inquiry — and you're not afraid to roll up your sleeves to do the work.
- **You excel on a small, nimble team and are happy wearing lots of hats.** Working on a fast-paced and quickly growing team not only feels familiar to you — you love it, too. You are flexible, comfortable with ambiguity, know how to roll with the punches, have a quick bounce-back time after a setback, and get energy from building the plane as you fly it.
- **You roll with the punches, and can turn on a dime.** You remain flexible and operate comfortably in a rapid response environment. You can jump between multiple projects fluidly, but also adjust when pulled into fast-turnaround reactive projects..
- **You are an excellent and fluid communicator.** People go to you to help them convey complex ideas in a compelling manner and the right format. You are able to leverage strong written and verbal communication skills across your responsibilities — whether writing a technical summary or communicating complex information to stakeholders, you understand that clarity is key. You can waltz between conversations with scientists, entrepreneurs, lawmakers, and corporate leaders.

- **You're high impact, low-ego, and kind to yourself and others.** Working on internal projects without external recognition doesn't phase you. Our core values (below) resonate with who you are and what you believe.

You will also need:

- 3-8 years of experience in scientific or technical work and ideally one or more of the following: academic research, startups, techno-economic analysis, engineering, and/or public policy
- A multidisciplinary mindset and willingness to get up to speed quickly on a wide range of technical topics
- A track record of sustained, high-quality work in fast-paced environments
- Either prior experience working on science policy or a strong belief that government can contribute to solving societal-scale problems like climate change
- A healthy dose of climate rage and the determination to do something about it

We currently require that all employees that plan to enter a Carbon180 office or otherwise meet in person with coworkers or other third parties on Carbon180 business are fully vaccinated against the COVID-19 virus. Accordingly, this role may require full COVID-19 vaccination (subject to any exemptions or accommodations due to medical or religious reasons).

TO APPLY

To apply for the role of senior science and innovation advisor, please submit an application [here](#) by Monday, March 21, 2022.

On the application, you'll be asked to

- answer some basic questions about your background/experiences;
- in place of a cover letter, answer a few written reflection questions to help us learn more about your interest in joining our team, and in this role specifically, and;
- attach your resume via email as prompted by the application form.

After the application deadline, we will review all applications and follow up with candidates to move through our interview process.

If you have any questions or difficulty submitting an application, please email us at hire@carbon180.org.

INTERVIEW PROCESS + TIMELINE

- Applications are being accepted between February 28, 2022 and March 21, 2022.
- There will be three rounds of interviews throughout March and April.
- We anticipate extending an offer in early- to mid-May 2022.

OUR VALUES

At C180, we believe in living by an internal set of core values, which we strive to embody and celebrate in moments big and small.

- **One Boat.** We work hard to ensure that we are rowing in one direction as a team, aligning our work and resources to shared goals.
- **Pencil to Pen.** We think critically, do our research, and weigh multiple options. Then, we commit to move to action.
- **Win and Lose Together.** When one of us succeeds, we all win. When we encounter challenges, we determine how best to redirect the energy and resources of the team to solve them.
- **Person in the Professional.** Our team is composed of real people with real passions, interests, and needs, within and outside of our work. To be our best and most productive selves at work, we believe we need to care for ourselves and others.
- **Make Space, Share Space.** We believe in making space for all voices to be heard, within our team and our broader work — particularly and especially voices historically disenfranchised and disproportionately impacted by the effects of climate change.
- **Be a Window, Not a Door.** We're committed to transparency and shining light on how and why decisions are made. We are honest with one another, ask for clarity, and operate with integrity to build a culture of trust.
- **Grow the Braintrust.** We are committed to constantly learning and staying up to speed on the science of our field. We work to grow our knowledge, sharpen our skills, and bring great minds to the field of carbon removal.

Carbon180 is an equal opportunity employer and does not discriminate on the basis of race, color, gender, religion, age, sexual orientation, national or ethnic origin, disability, marital status, veteran status, or any other occupationally irrelevant criteria. Carbon180 continually seeks to enrich its staff and team culture. In particular, we're dedicated to broadening opportunities for individuals from demographic groups that are historically underrepresented in the sciences and in environmental advocacy. We're also committed to building an inclusive workplace culture where talented people of widely different backgrounds can thrive. We've adopted this commitment because we believe the inclusion of culturally diverse perspectives will improve our work and produce better societal and environmental outcomes for all, including historically disenfranchised communities.