



## Technical Director *Job Description*

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Arctic Ice Project (AIP) is a nonprofit organization dedicated to stabilizing the global climate by safely preserving and restoring Arctic sea ice through research, development and deployment of innovative solutions.

AIP is focused on testing the most promising climate mitigation effort to date – one that has the potential to slow climate change safely, controllably, and cost effectively. All research thus far continues to indicate that hollow glass microsphere (HGM) technology can increase Arctic sea ice reflectivity, reduce surface temperature significantly, slow the rate of global warming and be non-toxic and benign to the ocean's natural biodiversity and our broader ecosystem that rely on Arctic ice as Earth's natural heat shield.

AIP is seeking a Technical Director (TD) who is a highly skilled PhD in earth, climate science, or related field, preferably with cryosphere research experience. The ideal candidate would be a mid-to late-career established scientist/engineer with a strong professional network. An individual interested in taking on a challenging responsibility, either full or part-time, with experience working outside their institution (e.g., working with professional organizations, nonprofits, start-ups, etc.).

### **Responsibilities**

- Evaluates and ensures the effectiveness of AIP technologies through ecotoxicology research, modeling and simulation, materials testing, safety, performance testing and methods for deployment
- Ensures that all laboratory activities and operations are carried out in compliance with local, state, federal, and governmental regulations and laws
- Provides day-to-day oversight of outside expert research consultants
- Establishes operational objectives with senior leadership and delegates priorities and needs to external partners
- Collaborates with testing and data science teams for development, prioritization, and validation of research protocols
- Develops plans and budgets for requisite short and long-term technological resources
- Works closely with leadership team to assist in the process of identifying needs and planning education, training and development programs
- Supports CEO in identifying fundraising opportunities and reaching financial goals

### **Qualifications**

- PhD in Earth and/or climate sciences or related field required
- Cryosphere research experience desired
- Experience with startups and / or nonprofit organizations

- Strong technical writing skills for proposals and study reports
- Excellent interpersonal communication skills to present findings of analytical studies to a wide range of scientists, engineers and industry stakeholders and investors
- Ability to work hybrid and perform on site in the San Francisco Bay Area when required

### **Compensation**

Salary will be in accordance with the candidate's level of experience, professional background and determined work schedule. In addition to salary, AIP provides retirement, health insurance benefits and holiday leave.

### **To Apply**

Click on this LINK to indicate a statement of interest, resume and/or CV. Please indicate if you desire to work part time or full time.

*AIP, a 501(c)(3) nonprofit, is an equal opportunity employer. Minorities, women, veterans, and individuals with a disability are encouraged to apply. We welcome and encourage diversity in the workplace regardless of race, color, religion, age, gender, sexual orientation, national origin, disability status, protected veteran status, or any other characteristic protected by law. If you need special assistance or an accommodation to apply for a posted position, please contact [camoroso@articiceproject.org](mailto:camoroso@articiceproject.org).*