

## Post doc ad

The Yale Center for Natural Carbon Capture<sup>1</sup> (YCNCC), in collaboration with the Advanced Prototyping Centre<sup>2</sup> (APC) seeks a post-doctoral candidate to work on alkalinity monitoring in aquatic systems. The candidate will help with the ongoing development of a new instrument to measure alkalinity in the environment and work with Yale scientists to deploy the instrument in a variety of systems where research is being performed to capture atmospheric CO<sub>2</sub> through alkalization and pH management.

## Responsibilities

- Learn how to build, operate, and troubleshoot prototype instruments. Suggest and implement improvements and iterations
- Work in collaboration with Yale scientists who are currently researching natural climate solutions involving alkalinity production in natural and engineered systems
- Author peer-reviewed publications and public reports

## Potential education and experience

- Candidates must have a PhD in a relevant field or discipline, such as biogeochemistry, chemistry, chemical oceanography, or engineering
- Proficiency in chemical analysis
- Proficiency in field work
- Demonstrated ability to work as part of a team
- Excellent writing and presentation skills in English
- Interest in electronics design and development

The positions are full-time appointments for one year, with full benefits, and with the possibility of renewal for a second year, dependent upon performance and availability of funding. Please send a CV and email of interest to Pete Raymond at the Yale School of the Environment ([peter.raymond@yale.edu](mailto:peter.raymond@yale.edu))

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<sup>1</sup> <https://naturalcarboncapture.yale.edu>

<sup>2</sup> <https://advancedprototyping.yale.edu>