

# Climate Change Education with NOAA B-WET

Session Q&A: Submit your questions here. Vote on submitted questions to help the presenters prioritize their responses.

BRONWENRICE DEC 27, 2021 03:48PM

## Teacher PD...will resume this year it says on the website

<https://www.montereybayaquarium.org/for-educators/teacher-professional-development/teacher-programs/climate-action-projects-summit>

### Climate Action Project Summit | Teachers | Monterey Bay Aquarium



Recruitment for this program is on hold. This program will be offered in 2022-23. This education series is for teachers who want to support students in identifying and acting on climate-related opportunities in their communities.

MONTEREYBAYAQUARIUM

Sorry...typo...First sentence should read "Science-focused instruction is NOT being done." – ANONYMOUS

Great point! – ANONYMOUS

Opportunity to connect with other educators considering this question via NOAA Planet Stewards:  
<https://oceanservice.noaa.gov/education/planet-stewards/>  
– BRONWENRICE

## Climate/Env Justice

I'd be interested in hearing more about climate justice and environmental justice resources, specifically ones than more lesson oriented models.

*Climate Generation - St. Paul, MN. We Act - NYC. Curtis Bennett - National Aquarium in Baltimore.* – MEREDETH DASH

<http://jeremyscotthoffman.com/throwing-shade> – MEREDETH DASH

check out EcoRise - <https://www.ecorise.org/> – ANONYMOUS

*Little Village Environmental Justice Organization (LVEJO) and Southeast Environmental Task Force (SETF) are only two EJ organizations doing community work in Chicago* – ANONYMOUS

*All We Can Save Project: focuses around a book highlighting women at the forefront of the climate movement: It offers prompts for discussion around the essays (high school and above)*  
<https://www.allwecansave.earth/for-educators> – ANONYMOUS

## Circular Economy?

Are their resources that connect future jobs with a circular economy?

For me it is hard to recommend careers for young scientists that perpetuate resource exploitation--even if it's harnessing wind that negatively impacts ocean life-- rather than using our energy and time to educate youth to use less energy and generate lower emissions.

*Any leads on these sources?* – ANONYMOUS

**In many elementary schools, most traditional "science-focused" instruction is being done. In its place is more instruction focused on literacy. There are cool strategies/tools to integrate science and literacy, but I worry that if we aren't intentional about doing this, we are missing the boat for most elementary students. Are we recognizing these trends in K-12 curriculum practices/priorities as we develop resources for elementary teachers?**

**Is there any option for mentorship from NOAA folks with those of us making curriculum, teaching, etc.?**

**what is the 2 year elp cycling philosophy (is it bc of budget, or does it regularly cycle by 2 years)? thanks!**

*It regularly runs only every two years. It's a good option for anyone that wants to expand their current B-WET project.* – ANONYMOUS

ah, thanks! :) – ANONYMOUS

## Can I submit a B-WET proposal that target to academically impact community college students? or are B-WET projects intended for only K-12 students?

B-WET generally serves K-12 audiences, but consider how you might get creative by partnering with schools, perhaps engaging community college students in mentoring of students in K-12 and participating in MWEE project implementation. – BRONWENRICE

## Are there case studies/examples of elementary MWEEs focusing on climate to learn from?

## How have people used NOAA Assets (Science on a Sphere, Climate Resilience Toolkit, Climate Explorer, etc.) in their MWEEs or afterschool programs?

<https://www.noaa.gov/education/stories/mississippi-students-tackle-sea-level-rise-using-noaa-digital-coast> – ANONYMOUS

[https://www.usm.edu/marine-education-center/classroom\\_course\\_in\\_community\\_resilience.pdf](https://www.usm.edu/marine-education-center/classroom_course_in_community_resilience.pdf)  
– ANONYMOUS

<https://meritostaff.wixsite.com/eecoachallenge> – ANONYMOUS

[https://www.baltimoresun.com/maryland/howard/columbia/cng-ho-cf-climate-change-curriculum-field-trip-vg-20211027-xnwp2n7u65debelk46e2vorrz4-photogallery.html?utm\\_source=Baltimore+Sun](https://www.baltimoresun.com/maryland/howard/columbia/cng-ho-cf-climate-change-curriculum-field-trip-vg-20211027-xnwp2n7u65debelk46e2vorrz4-photogallery.html?utm_source=Baltimore+Sun) – ANONYMOUS

this link isn't working (EECOA) – ANONYMOUS

Here is more info on EECO: <https://www.meritofoundation.org/eecoa-program>  
– BRONWENRICE

Thank you, is the EECO activity guide available to BWET grantees? Can't access on the website. Nice to read the overview though.  
– ANONYMOUS

the link works, the activity guide is not posted – ANONYMOUS

Framework for education staff to have shared language and approach to teach about climate change to students 2nd grade to 12th grade. With an action oriented message.

The NOAA and NSF funded CLEAN Portal is a great place to start; <https://www.globe.gov/web/elementary-globe> – ANONYMOUS

<https://www.cornellpress.cornell.edu/book/9781501730795/communicating-climate-change/> – ANONYMOUS

## What sort of climate resources do you have that are not digital, that can be used outside for elementary aged students?

Consider this NASA, NOAA and NSF funded program. The GLOBE Program has important field based protocols and resources; <https://www.globe.gov/web/elementary-globe> – ANONYMOUS

Here is another possibility for hands-on climate related activities: <https://oceanservice.noaa.gov/education/discoverclimate/>  
– ANONYMOUS

check out the NAAEE Climate Ed group - <https://naaee.org/eeepro/groups/climate-change-education>  
– ANONYMOUS

## Interested to hear about engagement with climate topics for elementary students that is age appropriate

One excellent resource NOAA helped developed on this important topic, here is a great place to start; <https://cleanet.org/clean/literacy/elementary/index.html>  
– ANONYMOUS

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