ECLIPSE builds capacity for engagement of diverse student populations in the environmental and geosciences and evaluates GLOBE’s impacts on students attitudes, learning, and workforce readiness.

Project start/ end date: 2017-2021

Project URL: earthteam.net

| Continued training for staff → elevate equity/ access in recruitment, hiring, programs |
| Increased emphasis on social-emotional health assessments → individualized support |
| 100 + participants, 8 campuses, 100 hours work: STEM skills training, professional development, virtual and in-person field work |

| Youth-mentor relationships and social-emotional health = critical foundations to participant engagement, retention, success |
| Virtual programs maintained high enrollment and participation BUT youth reflected that they missed connection to outdoor spaces and casual conversations with peers, two aspects that have been hard to replicate over Zoom |

| How do we make assessment tools accessible and approachable for diverse participants? |
| Successfully provided high-quality programming throughout COVID-19 closures |
| Still grappling with the question of whether GLOBE specifically impacts participant outcomes or if other hands-on STEM activities have comparable impacts |
1713456 ECLIPSE
STELAR’s mission is to build capacity and magnify the results of ITEST projects
Project type: Resource Center
Project start/end date: 2020 - 2023
Project URL: stelar.edc.org

Strategies:
ITEST Proposal Devt. Course: increases accessibility to the ITEST community
K-8 STEM Competencies: framework outlining characteristics of the future work at the Human Technology Frontier
AI Working Group: partnership of NSF-funded projects focusing on AI working to advance learning

Insights & Achievements:
250+ course enrollees, with promising trends of underrepresented groups enrolling in the course
K-8 paper was released in June 2021
The working group is composed of 19 different NSF-funded projects

Reconsiderando:
What have you needed to reconsider? How to continue to support projects as they go remote
What have you been able to creatively overcome and how? New ways of engaging projects
What are you still grappling with? Long-term COVID impacts