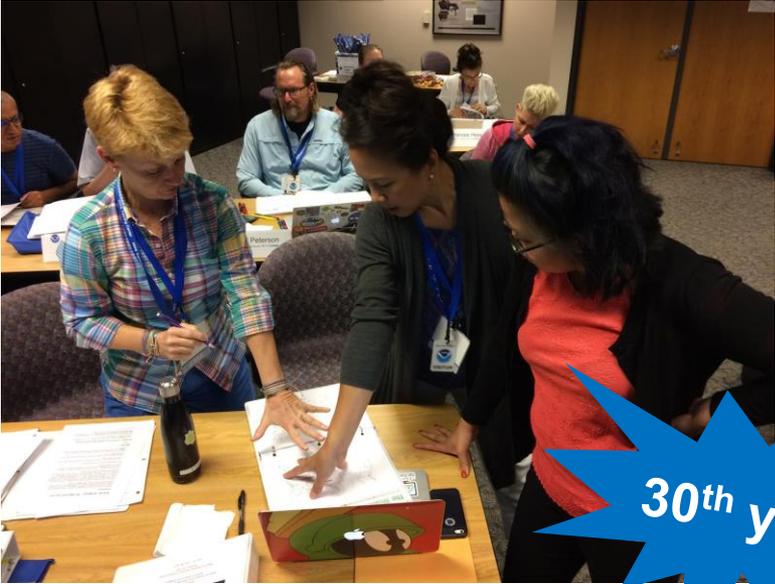




**Education Program
Opportunities for Teachers!**

Competitive Grant-funded Summer Courses

project
ATMOSPHERE
sensing, analyzing and forecasting



30th year!



1st/28th year!

project
OCEAN
exploring the physical foundations
of oceanography

DataStreme Timeline

DataStreme **Water
in the Earth
System** began and
was offered until
2008

DataStreme
**Earth's
Climate
System**
began

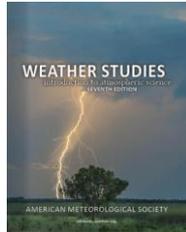


1990

Modern-day
AMS
Education
Program
launched

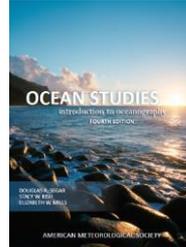
1996

DataStreme
Atmosphere
begins in
partnership with
SUNY Brockport



2001

DataStreme
Ocean began



2003

2009

DataStreme Program
offered through
California University of
Pennsylvania



2021

Become an AMS Certified Teacher!

- Complete **any 2** AMS Education Program Courses (graduate-level classes in weather, ocean and climate science), then apply!
- Candidates who have completed their last two courses < 5 years are only required to complete an application.
- Candidates who have completed their last two courses > 5 years ago must include a recent lesson plan
- **Application is free to AMS members**, but there are costs if not a member (see website)
- Ongoing professional development is a requirement to maintain CAT certification



ametsoc.org/CAT

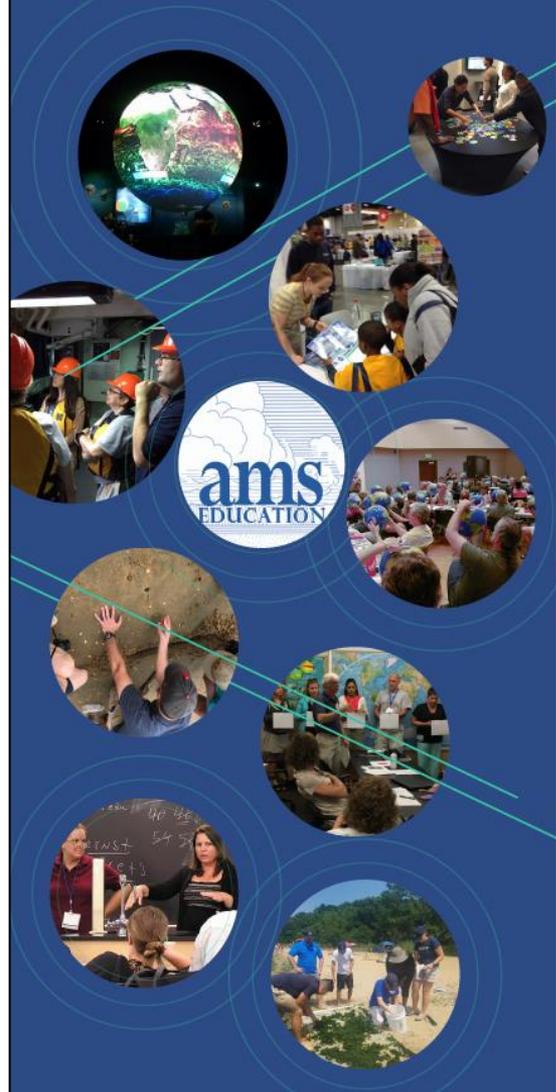
Teachers Benefits of becoming CATs?

- Connect to the AMS credibility and recognition as an authoritative voice in weather, climate, and ocean science (many are familiar via their local broadcast meteorologist credentials seen on TV)
- Add a desirable micro-credential to an ever-increasing demand to maintain certification as an educator
- Gain opportunities to connect to experts and engage in AMS activities
- Develop closer connections to science professionals in your communities (local broadcast meteorologists, become involved in local research, engage with private sector, the NWS, etc.)



Teacher Opportunities for Earth Science Education with AMS

- Participate in courses for low cost graduate credit
- Apply any 2 courses to become a **Certified AMS Teacher!**
- Apply 3 of 5 possible teacher professional development offerings (Datastreme, Project Atmosphere, & Project Ocean) to a post-baccalaureate certificate from Cal U
- Apply 9 DataStreme credits (3/course) toward an online **Master of Education Leadership** with Weather & Climate emphasis through Cal U



Need more Info?



Email: amsedu@ametsoc.org

Check out: <http://ametsoc.org/education/k12teachers>, and
<http://ametsoc.org/CAT>



CAL U

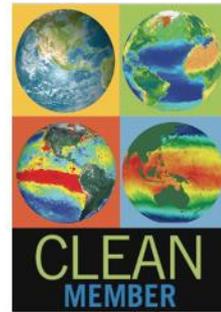
100KIN10



LOCKHEED MARTIN



AMBASSADOR™
WRN
WEATHER-READY NATION



Steve LaDochy, AMS Emeritus sladoch@calstatela.edu