



GLOBE 2017 CONFERENCE PARTICIPATION

July 30th – August 4th

Sallie M. Smith, GSFC AREN



TEAM CONFERENCE SCHEDULE

Sunday
7/30th

- Team Travel to GLOBE Conference, New Haven CT.
AREN Field Mission Site Visits (Geoff, Andy, Willie and Sallie)
Opening Evening Event

Monday
7/31st

- Opening Sessions /Field Registration/ Lunch
Team Split
 - Globe Conference Sessions (Dave, Anil and Jeff)
 - Rugby Field Pre-test Mission for Thur. Demo (Geoff, Andy, Willie Kelly and Sallie)
 - Rugby Pre-test Field Mission Data Download/Debrief (Geoff, Andy, Willie, Kelly and Sallie)
 - Student GLOBE Research Poster Exhibition

Tuesday
8/1st

- Team Split
 - Globe Protocol Training (David, Anil and Jeff)
 - AREN Presentation Ball Room Set-Up (Geoff, Andy, Willie Kelly & Sallie)
 - AREN Ballroom Presentation & Participant "Show & Tell" Exhibition
 - AREN Team Split (GLOBE Protocols) / AREN Presentation Breakdown/X-6 ROVER Overview
 - AREN Team Meeting (6-10:30 p.m.)



TEAM CONFERENCE SCHEDULE

Wednesday
8/2nd

- Hammonasset Beach AREN Field Training Mission Flights.
Safety and Protocol Development.
TEAM Split
 - Hammonasset Beach AREN Field Training, continued (Geoff, Andy, Sallie, Willie, Jonathan, Kelly and Jeff)
 - GLOBE Data Entry / Visualization (Dave, Anil)
- Evening Tour of Yale's Peabody Museum

Thursday
8/3rd

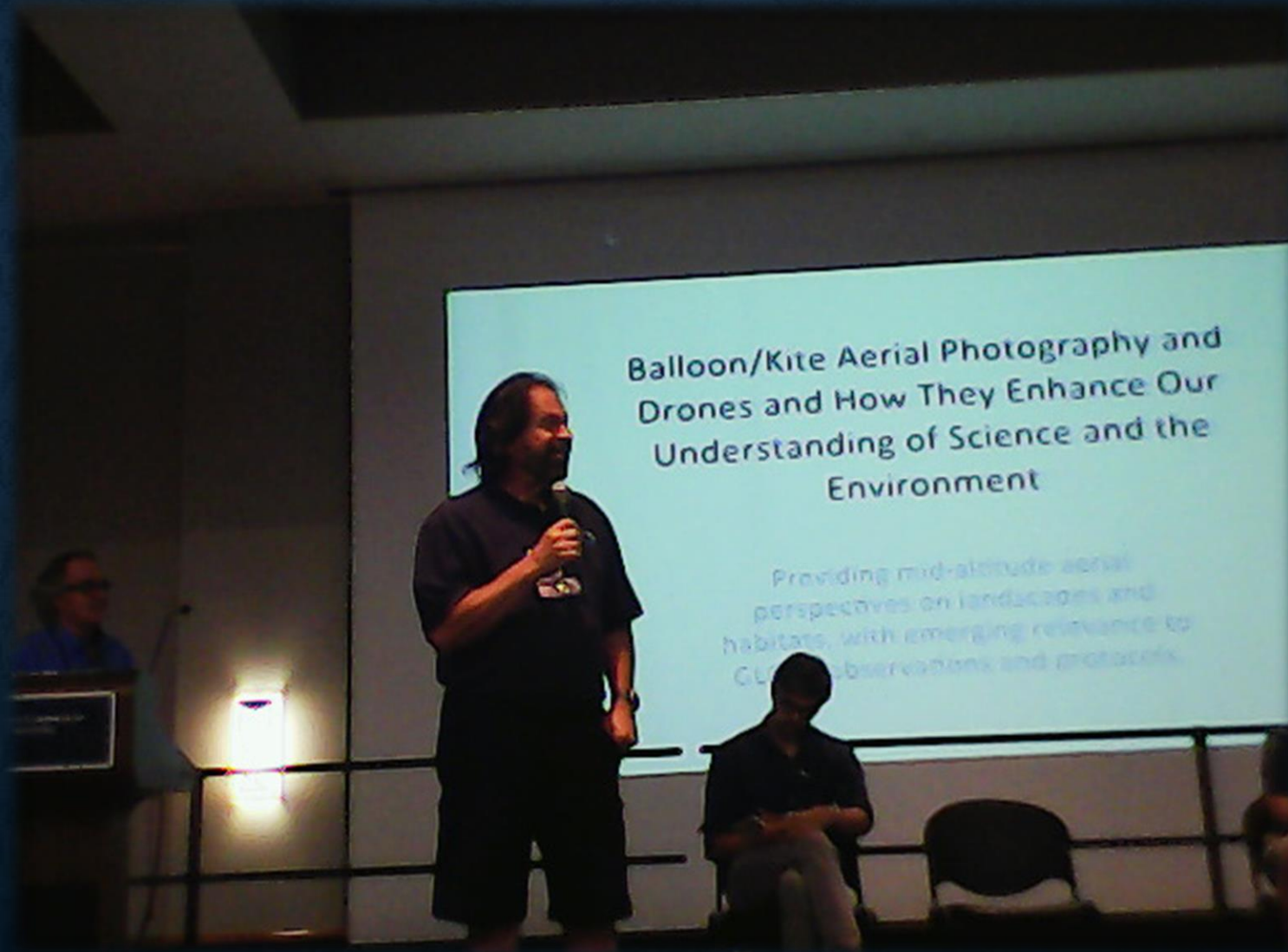
- Ⓣ Team Split
 - Set-Up Prep for AREN NASA Resource Presentation (Geoff, Andy, Sallie, Kelly and Jeff)
 - GLOBE Plenary Session (Dave and Anil)
- AREN GLOBE Presentation # 2
AREN GLOBE Rugby Field AEROKAT Demonstrations
Plenary Session – GLOBE: The Year Ahead!
Field Mission Debrief
GLOBE Photo and Closing Ceremony Dinner

Friday
8/4th

- Pack-Up Equipment/Shipping
Travel Home



BALLROOM PRESENTATION





GLOBE PARTICIPANT “SHOW & TELL”









RUGBY FIELD TEST FLIGHTS PROCEDURE DEVELOPMENT





AEROKAT ALPINE HD CAMERA PAYLOAD SURVEY IMAGE





HAMMASSET BEACH FLIGHTS





BEST PRACTICES

Everyone in contact with the kite and payload wears gloves.



Including: The

- ✓ Pilot
- ✓ Pilot Assistant
- ✓ Launcher
- ✓ Launcher Assistant
- ✓ Payload Specialist
- ✓ Carabiner Line Recoverer



BEST PRACTICES

Assign a “Pilot Assistant” to guide the Kite pilot to avoid foot obstacles and to act as a safety officer around the pilot.

“There’s a rock. Take 2 steps to your right.”

“Roger That!”





BEST PRACTICES

The Pilot holds the kite reel and doesn't move or wind line until the Carabiner Liner Recoverer walks to the pilot.



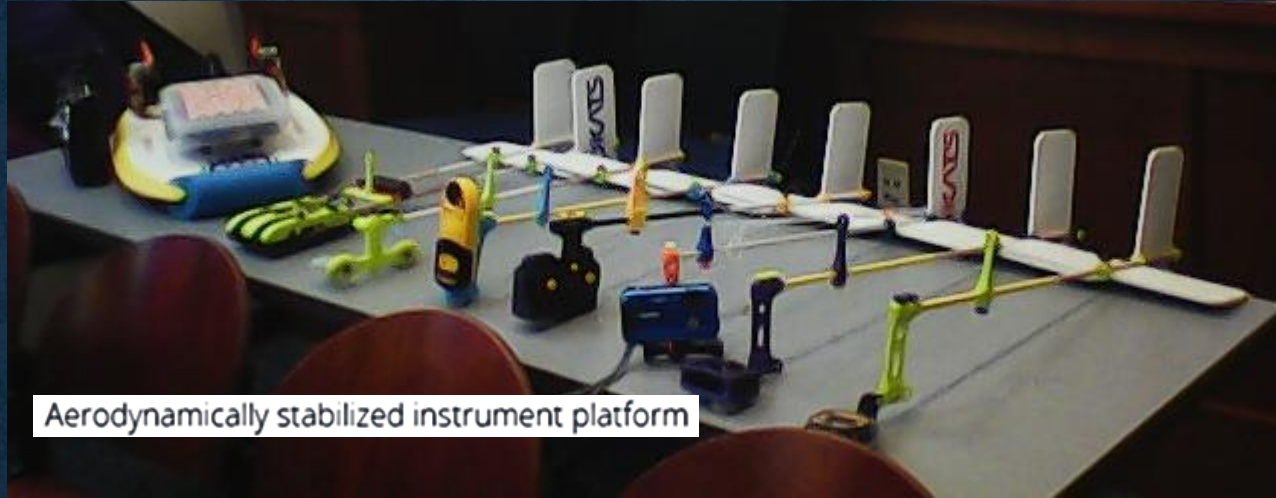
Better
Kite/ Line
Recovery
Technique



AREN GLOBE PRESENTATION # 2



AEROKAT AEROPODS



AREN TEAM GLOBE AEROKAT FIELD DEMONSTRATIONS





BEST PRACTICE

HATA PILOT KITE FLIGHT: ALWAYS THE FIRST KITE FLOWN



Make sure HATA is the first kite flown for any AREN Flights. Allows for assessment of wind conditions and to practice procedures before using more expensive kite platforms.



ALPINE Flight with Payload



POST DEMO / DEBRIEF / Q & A / / PHOTO





TEAM ACCOMPLISHMENTS

- Team familiarization with GLOBE Program, Field Protocols, Data Entry, Visualization, Website Updates and Strategic Plan.
- Presented Introductory AREN Program Sessions for GLOBE Participants
- Hosted Interactive “Show and Tell” Exhibit Area for Globe Participants
- Conducted AEROKAT Field Mission Demonstration for GLOBE Teachers.
- Developed Best Practice Launch Signals and Carabiner Kite Recovery Procedures.
- Conducted Team Work Training Flights.
- Set-Up Collaborations with other CAN Projects.
- Established next steps from AREN Team Meeting





Andy Kelly Brian



2017

Sallie



Jeff

Geoff David

Not in Photo:
Anil, Jonathan & Willie



Friend from Alaska!

