

FBS Monthly Call

Jan 17th 2024 0900-1004

1. Participants: Chris, Kyle, Rocco, Nathan, David Schultz, David G, Ryan, Cheryl, Nicole, Dan, Mitch, Rick
2. Status of Training (Chris et al)
 - a. S-290
 - i. "Close to test" S-290 course in Colorado (Rocco)
 1. Sent notes from the 2 different sessions/classes this am
 2. Shiny star for NWCG, best we have seen out there
 3. How to understand and anticipate the Fire Env.
 4. Hoping to get assessments/tests on the Portal
 5. Like the new format and material from Univ of Idaho
 6. A few errors in the exercises and sent to Heather's group
 7. Positive feedback from students
 - a. More online reduces travel/per diem
 - ii. In order for the course to get blessed by NWCG, the developers (U of I) shouldn't be involved with teaching it
 - iii. 2 requests
 1. Allow students to comment/give feedback in the Articulate videos following the blessing
 2. Ability to update graphics/materials after certification
 - iv. Hoping to get a Test Course in AZ during March
 - v. Mitch said it will likely be easier to put the course on due to less in person (more asynchronous/online) but will be new for people based on delivery and other logistics
 1. NWCG will need to create a Train the Trainers course
 - a. Quick 1-2 hr on how to teach S-290 placed on the Portal
 2. (Rocco) their group had a 1 to 1.5 hr mtg with Heather to determine how to execute the exercises etc so he treated that as the Train the Trainer session
 - b. S-390
 - i. Having the big meeting this week
 1. Heather Heward, Joe Hernandez., Matt Butler, Tami, Chris, Kevin Maier,
 2. Using same exact process for meeting they did in June for S-290
 3. Draft objectives being developed
 - a. Took all of objectives past 2-3 offerings since COVID development of the course

- b. Includes changes groups made to the original COVID produced S-390
 - c. Some discussion on how to incorporate “Fire Danger” or “Fire Potential”
 - ii. Looking for a test course for ‘24
 - iii. Chris will send documents from the meeting
 - iv. Matt will be in close contact with Lawen & Faith Ann
 - 1. Behave 7 is looming but unsure if it will be ready for the Test Course
 - 2. Close collaboration with the Missoula Lab is needed
 - v. Proposing a pre-test and an in person course
 - vi. Hope to have a Test course in Oct and certifications Nov or Dec 2024
 - 1. Meet spring training deadline in 2025
 - vii. Comments:
 - 1. Cheryl: working on definition for “fire potential” and should help for S-390
 - 2. Mitch: rewrites have given them the chance to take a look at the training holistically, lots of legacy items and hoping to clean it up
 - a. Desire to simplify things
 - i. Ex. Got rid of Nighttime fine dead fuel moisture tables by using rule of thumb...adding 5
 - ii. Ex. How to describe all the different types of winds
 - 3. Rocco: they will be putting on a S-390 (blended/hybrid) in early Feb at Colorado Springs
 - c. S-490
 - i. Steering committee call yesterday
 - 1. Tonja O and David G are on that committee
 - 2. They had questions about what is going into S-390
 - a. So they need to be aware of the S-390 development
 - 3. They will work on objectives for their Feb meeting
 - 4. Kickoff Mtg proposed for Oct (S-390 should be done then)
 - 5. Unsure if S-490 will be done by spring ‘25
 - 6. Fire in 3rd Dimension (Jason Forthofer video)
 - ii. \$200,000 for this effort (NWCG/Chris are working on the Statement of Work for the Contractor (508 compliance & formatting))
 - d. S-590
 - i. Class being held at NAFRI during March
 - ii. Chris submitted document to Nick (FENC) for S-491 requirement
 - 1. Sent to IPSC committee last week
 - 2. Hope to hear back in the next month
3. Budget 2025 request (Chris)

- a. Deadline was last Friday for 2025 funding requests
- b. Submitted 4 requests to NWCG
 - i. Univ of Idaho (\$150,000)
 - 1. Need a person to “chaperone” the Large Contract
 - a. SME work as a go between with the U of I and the NWCG Large Contract
 - 2. Continue to work on S-290, 390, 490 revisions
 - ii. Ring o Rang/KAS (\$100,000)
 - 1. Need an implementation plan
 - 2. IT/App approval
 - 3. Dan & Robert (CEO of KAS) working on the plan
 - 4. Develop learning modules for S-390
 - iii. GeoLCES (\$100,000/Dan)
 - 1. Working with Univ of Utah
 - 2. Safety Cube
 - a. Spatial data using LiDAR data
 - b. Visibility Index
 - c. What you can and can’t see based on your location on the landscape
 - d. Escape Index
 - e. Summarize best travel corridors and leveraging safe separation distance/safety zones
 - 3. Multi-layer approach for sit awareness
 - 4. Hope to build into an app, give projection at any given time
 - 5. Brief management committee towards end of the month
 - 6. Requesting funding for implementation not research
 - iv. Fire Env factors that created a significant event like a near miss (\$25,000)
 - 1. Build upon a previous analysis or do a new one if it doesn’t exist
- 4. Haines removal discussion (Chris)
 - a. Tami had some feedback pushing back on the change
 - b. Chris talked to Darren
 - i. no replacement planned, stability is much more complex for a single parameter
 - ii. NWS will use language to describe stability for the day
 - iii. WFSTAR video planned
 - c. Rick: will likely continue to get push back until look at the human factors part of it
- 5. Mann Gulch Staff Ride
 - a. Kyle had discussion with Tami 2 weeks ago about limited attendance requirements
- 6. Spring Meeting

- a. Travel Mon & Fri
 - b. May need to meet half day on Fri, then travel back Fri afternoon
 - c. Sunday is Mother's Day
 - d. Need full day for Mann Gulch staff ride on Wed
- 7. SME's
 - a. Chuck McHugh retired but may have other projects to work on
 - b. Cary Newman supposedly retired
 - c. Mart Whitmore is 1 year away per Kyle's discussion during Christmas
- 8. Videos/NAU Update (Chris/Brent)
 - a. Chris:
 - i. Molly sent email...possible chance not spending all of the \$\$\$
 - ii. Funding Expires Sep 30th
 - iii. Appears they will spend it all
 - b. Brent
 - i. Last meeting was Jan 3rd, next mtg is Jan 24th
 - ii. Heating & Cooling Video: completed and sent to You Tube
 - iii. Temp & Moisture Video: final edits and close to completion
 - iv. Wind Video was recorded by Mitch and off to production
 - v. Story Boards for future Videos:
 - 1. Process of Stability: in draft form/Darren leading
 - 2. T-storm: Eric Evenson (SME) developing
 - 3. Inversion: Brent developing
 - vi. Other video ideas
 - 1. Airmass and Fronts
 - 2. Intro to Weather Forecasting
 - 3. Adjustments to Mental Model video done a couple of years ago
- 9. Round Robin
 - a. Brent:
 - i. Haven't heard anything on IRPG updates we submitted late last year
 - ii. N Ops chosen as collaborators for a couple of NASA funded satellite projects (Firetech Campaign) so have been doing some work for that
 - 1. Night Hawk
 - 2. TEMPO
 - b. Nicole: started detail for Deputy Program manager for RD&A but that provides a schedule conflict with FBS call after 1 hr
 - c. David Schultz: busy on a lot of NWCG fronts
 - i. 10 positions thru analysis phase
 - ii. Gearing up for another 16 positions this coming spring
 - iii. Annual Mtg Feb 21st/22nd
 - 1. Need chairs and vice chairs to attend in-person in Boise
 - 2. Look at past, present and future of NWCG

- 3. Quite a bit of break-out time
 - a. Meet with coordinators for committees
 - b. Meet with Executive board members
- d. Ryan: going thru backlog of emails and video work
- e. Rocco: nothing to report other than teaching & more teaching
- f. Nate: helping Chris with some editing and was on AL past 2 weeks
 - i. Willing to help out
- g. Mitch: thanks to everybody for reviews
 - i. Like thought of hiring more SME's, need at least 3
 - ii. Articulate: ppt combined with I-movie
 - 1. Good to have a license
 - 2. NWCG seems to be shifting towards that software/tech
 - iii. Chris will look at how to get a license...might be multiple avenues
- h. Dan: nothing to add
- i. Dave G: thanks for invite..new to committee, give a shout if need anything
- j. Kyle: April is quickly approaching
- k. Rick: shift in day duties has him juggling extra items for foreseeable future
 - i. Travel budget got axed so just virtual attendance
 - ii. Will try to keep up on reviewing course material
- l. Cheryl:
 - i. FDSC working on fire potential definition
 - ii. If you need any help with training development from FDSC let her know
- m. Chris: wrap up loose ends, have some lessons to work on in S-590
 - i. Mtgs next 3 weeks
 - ii. Plate is full
 - iii. Plan to attend Feb Mtg in Boise