The following public comment options continue to be offered during the pandemic pursuant to the Governor’s Executive Order N-29-20, which relaxed certain provisions of the Brown Act to allow public meetings accessible telephonically to all public members seeking to observe and address that committee/council/commission and or working group.

Members of the public who wish to participate in the meeting are invited to do so by submitting written comments (instructions follow) or by joining the teleconference by:

TELECONFERENCE MEETING:
(This meeting is call in only due to public access requirements)

Dial in:
United States: +1 (786) 535-3211
Access Code: 135-062-653

**Please note that all callers will be limited on their speaking time, and will be muted before and after public comment periods**

MCFAC Advisory Committee written commenting processes are as follows

WRITTEN COMMENTS: Written comments may be submitted via U.S. Postal Service, email or may be dropped off at the Planning Department. In your written communication please note in the subject line: Which Advisory Committee you are commenting to and indicate which “PUBLIC COMMENT ITEM #” (insert the item number relevant to your comment) or “PUBLIC COMMENT NON-AGENDA ITEM” that you are commenting on.

1) Mail • Send written communication to:

Mariposa County Planning Department
PO Box 2039
Mariposa CA  95338

2) Email • Send an email to the mcfac@mariposacounty.org

3) Drop Off: • Written communication can be dropped off at:

Mariposa County Planning Department
5100 Bullion Street, 1st Floor
Mariposa, CA  95338

No matter which of these formats you choose to use for written communication (Mail, Email or Drop Off) please know that in order to ensure distribution to the committee prior to their consideration of the agenda, and in order for your written comments to be placed into the record it must be received no later than 8:00 a.m. on the day of the meeting.
Mariposa County Fire Advisory Committee
MEETING AGENDA

DATE: Wednesday September 16, 2020
TIME: 9:30 AM
LOCATION: Call in- Conference Meeting- (see below for participation information)
Host Location- Mariposa County Government Center
5100 Bullion Street, Mariposa CA 95338
Lower Floor, Development Services

Meeting Information

1. Roll Call

2. Approval of Minutes: Minutes of August 19, 2020

3. Public comments

4. Committee Business
   a. Countywide Community Wildfire Protection Plan (CCWPP)
      i. Plan Update Progress
      ii. Web page- http://www.mariposacounty.org/2448/Community-Wildfire-Protection-Plan
      iii. Informational and Committee Draft Review
   b. Education and Outreach - Ad Hoc
   c. Project BOS Item/Action dates
   d. Core Data GIS (CDGIS) Ad-hoc update-
   e. Grant Applications Coordination
      i. Discuss and make recommendation for grant Application Opportunity & Coordination, Collaboration and Review - Ad Hoc

5. Discussion and Presentation:
   a. AI4- Technologies Presentation/discussion. UPDATE
   b. Fire Safe Council
   c. State and County Budget Update- COVID19 related impacts

6. Updates, Activity Reports and Future Items
   a. Grant
   b. Agencies
   c. Staff- Logo and Letterhead, Board MCFAC update meeting dates
   d. Any future agenda items

7. Adjourn

Agenda Documents Download link:
https://www.mariposacounty.org/DocumentCenter/Index/2715

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Fire Department at 209-966-4330.

2. **Approval of Minutes:** Minutes of July 15, 2020

   Minutes approved on consensus. **ACTION** – Minutes approved.

3. **Public comments** - none

4. **Committee Business**
   - a. Community Wildfire Protection Plan (CWPP)
     
     Progressing well and moving fast. Gave feedback to Wildfire International on the rough draft while Hazard Assessment is underway. A shareable document will be available this Fall. There is a public survey on the website. Spread the word and share the link: [https://wildlandprofessionalsolutions.formstack.com/forms/mariposa_county_cwpp_public_survey](https://wildlandprofessionalsolutions.formstack.com/forms/mariposa_county_cwpp_public_survey)
   
   - b. Education and Outreach Ad Hoc
     
     Shanelle reported there was a meeting yesterday. Not able to do a lot during fire season. Waiting on logo. Include Mark Garrett from UCCE on this team.
     
   - c. Project Map for 2020 – Agency report
     
     i. BOS Item/Action tentative dates

     Working on changing committee structure at September 15th BOS meeting. There are procedural things and updates to report to them.

   - d. Core Data GIS (CDGIS) Ad-hoc update - Planning an exercise with Anchor Point on CWPP.

5. **Discussion and Presentation:**
   - a. Ai4 – Introduced by FSC Barbara Cone

     Tero Heinonen described the Ai4 pilot program which will enable maximum interaction for fire starts and prediction of fire behavior. They will install equipment on a tower on Mt Bullion. There are lots of community partners assisting. The system was originally built to do remote sensing with cameras and lasers to survey overhead powerlines. They have expanded it using DHS Science & Tech capable of detecting fire ignitions, to reduce risk of fire load, and recognize flames, smoke and embers almost immediately. The original installation will include an outdoor camera with coverage of 10 miles and 360-degree views. Later, small sensors for smoke will be added, working toward building the complete system. Once complete the system will provide: 1. Real time ignition detection, 2. Real time tracking of fire characteristics, 3. Track fire perimeter, 4. Allow geographically targeted notifications and warnings. This information will be accessible via tools that are being developed for both Windows and iOS apps and will be interactive with the user.
This pilot is provided free to get feedback and make the product better. Mariposa County terrain is a challenging area and a great partner for this system. The camera will be installed next week. Automated fire detection will be up in September. 10-20 sensors will be deployed throughout the County by December. The pilot program is expected to wrap at the end of June 2021. During the pilot the apps are free. No limit on the number of users, but will require a commitment from end users.  

Eric Woodyard from Ai4 went on to say the camera will be installed on August 27th @ 10:00am. DSL service is being installed today. And they have the possibility of fiber if needed. MAARO (Mariposa Area Amateur Radio Organization) has been extremely helpful and is on-site for work on the tower. The camera will be placed 150-feet up tower facing south toward downtown Mariposa. A sensor to sniff the air and a weather station to determine humidity will be added. Mariposa County Sheriff and Fire provided feedback for features they would like to have. The app needs to be available on desktop and mobile; interactive; using real time data; map-based; contain layers; and be useful for road closures and evacuations. It will be used to develop scenarios for fire growth and impact to neighborhoods. There are lots of data sets in completely disparate systems. This application will consolidate them and allow for prediction.

Ask: Need partners to work out strategic planning to meet these goals by next summer.

Data discussion – Melinda reported LiDAR data will be available December 2020. Steve encourages Ai4 to bring data of their own to aid in long range planning for other County projects. Eric reports PG&E has been a great partner providing LiDAR data from 2014, 2015, and 2019 surveys. He is checking with them to see how much of Mariposa County has been collected. Allen says Stanislaus National Forest LiDAR data should be available of the north county.

Funding – Ai4 has some ideas for funding to refresh LiDAR data, possibly using satellites. Partnership between Mariposa County and Ai4 will allow funding for new technology deployments. Department of Energy is supported by local stakeholders. Collaboration is key. Ai4 is looking for a couple $ million going forward.

b. Fire Safe Council
Barbara will be giving the BOS annual update presentation on August 25th. She is asking for wages for a grant writer since CAL FIRE grant applications are due in December. Asks for partners to help emphasize to BOS importance of this work. Back in March FSC was able to get out of debt, but they have no cushion. Currently “homeless” since their building sold. Asking County Fire for storage space at Spring Hill. Currently getting work done on Alta Vista and Wagner Ridge projects.

c. State and County Budget Update – COVID19 related impacts
Mariposa County is experiencing significant budget impacts, $15-20 million in lost TOT revenue. Trying to minimize fallout on staffing.

6. Updates, Activity Reports and Future Items
a. Grants

FSC: Bootjack Fire Station water storage project should get word this week. Expecting 50% advance as soon as MOU is signed. Public Works did the work for variance. Hoping for CAL FIRE grants in Dec. Stumpfield and Foran grants were executed early. Contractor has been selected for Stumpfield. Foran is waiting on SEQA. PG&E approved grant for weedeating, but funds have not been released yet.

CAL FIRE: Grant applications are due Oct 7-Dec 2 through the website. Will be a lot less money this year. No grant workshops are being offered. Webinars are available on website for Fire Prevention Grants. This is Chris’s last meeting with us. He’s moving on to Fresno Region.

b. Agencies

UCCE: Working to organize a PBA (Prescribed Burn Association) in our area. Good interest. Covers 5 counties. Meet by Zoom.
c. Staff

d. Any future agenda items – Discuss options for creation of a MCFAC logo.

7. Adjourn

Adjourned at 10:57 am

Agenda Documents Download link:

https://www.mariposacounty.org/DocumentCenter/Index/2715

- If you require a hard copy of the agenda please notify Cathy Garrett, County Fire Department:
cgarrett@mariposacounty.org