1. The ‘**Fuels\_Model’** folder contains code for developing, checking, and visualizing our Bayesian state-space model that represents the ecological process of productivity accruing in a system and becoming fine fuels.

2. The **‘Prod\_Forecast\_Model’** folder contains code that creates a forecast for herbaceuous productivity based on data downloaded from Google Earth Engine over the desired spatial extent. We provide the GEE code needed to download this data over a spatial extent and resolution of the user’s choice.

RAP\_gee\_tiffs: [https://code.earthengine.google.com/59e173e815628e7d4456a0fe923b0f45](https://code.earthengine.google.com/59e173e815628e7d4456a0fe923b0f45%20)

Spatial\_gee\_tiffs: <https://code.earthengine.google.com/8cdcbddfe310a0ed1a45e3cdde301c4e>

Temporal\_gee\_tiffs: <https://code.earthengine.google.com/35c7269e1d0fff9ba5b45695fc5b2db3>

3. The **‘Fine\_Fuels\_Forecast’** folder uses the outputs from the parameters in the Fuels Model and forecast of 2021, as well as hindcasts of 1987-2020, to create a forecast map of 2021 latent fuel as hindcasts of years 1987-2020. We include data to create time series figures by BLM district if data is downloaded at the spatial extent included in our publication….Lastly, it partitions source of uncertainty and creates a figure showing the amount of uncertainty from each source.