Scripts used to create figures in the manuscript “**Sensitivity of WRF-Hydro terrestrial water budget simulations to fire disturbances in California’s Feather River Basin**”

**Plot\_Spatial\_Domain.m**: used to create Figure 1

**Plot\_GreenFrac\_fire\_response\_for\_feather\_catchments.m**: used to create Figure 2

**Compare\_Baseline\_and\_FireAdj\_Q\_MFF\_baselineStandardized.m; Compare\_Baseline\_and\_FireAdj\_Q\_EBNFF\_baselineStandardized.m; Compare\_Baseline\_and\_FireAdj\_Q\_NFF\_baselineStandardization.m**: used to create Figures 4, S2 and S4

**Plot\_Streamflow\_EnsembleMean.m**: used to create Figure 5 and Figure S6

**Get\_WaterBudget\_by\_Catchment.m; Plot\_WaterBudget\_Ensemble\_Means\_AnnCycle.m**: used to create Figures 6, 7, 9, 10, 12, S10, S11

**Spatial\_ET\_plots.m**: used to create Figure 8

**Spatial\_SWE\_plots.m**: used to create Figure 11

**Spatial\_SM\_plots.m**: used to create Figure 13

**Compare\_Baseline\_and\_FireAdj\_Q\_MFF\_baselineStd\_InDepth.m; Compare\_Baseline\_and\_FireAdj\_Q\_NFF\_baselineStd\_InDepth.m; Compare\_Baseline\_and\_FireAdj\_Q\_EBNFF\_baselineStd\_InDepth.m:** used to create Figure S3

**Compare\_Baseline\_and\_FireAdj\_Q\_EBNFF\_Standardized\_inverse.m; Compare\_Baseline\_and\_FireAdj\_Q\_MFF\_Standardized\_inverse.m; Compare\_Baseline\_and\_FireAdj\_Q\_NFF\_Standardization\_inverse.m:** used to create Figure S5

**Plot\_Streamflow\_total\_timeseries.m**: used to create Figures S7, S8, S9