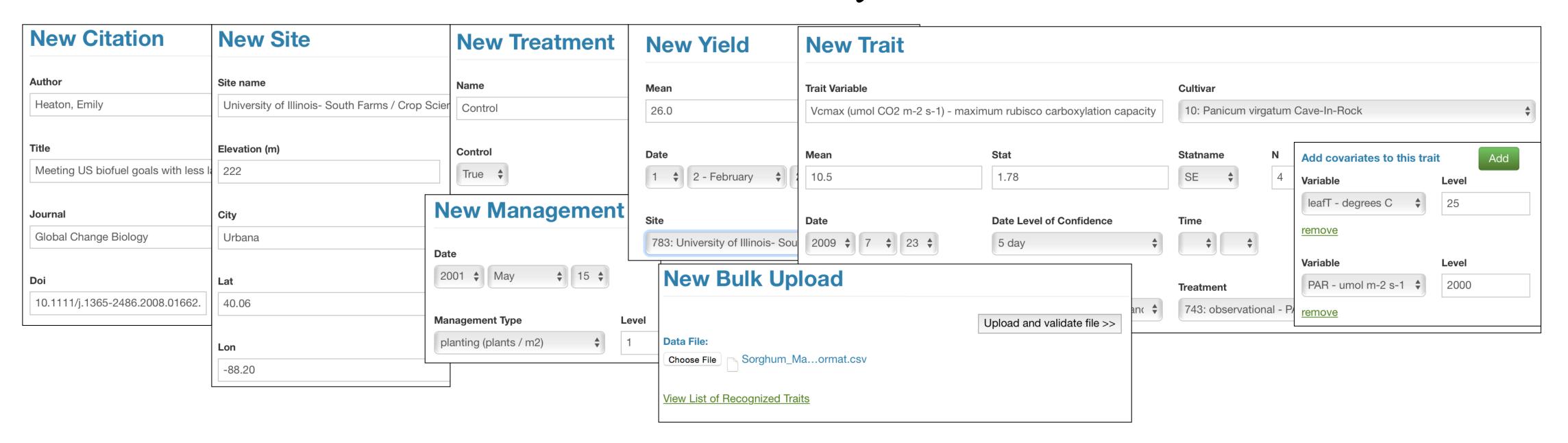
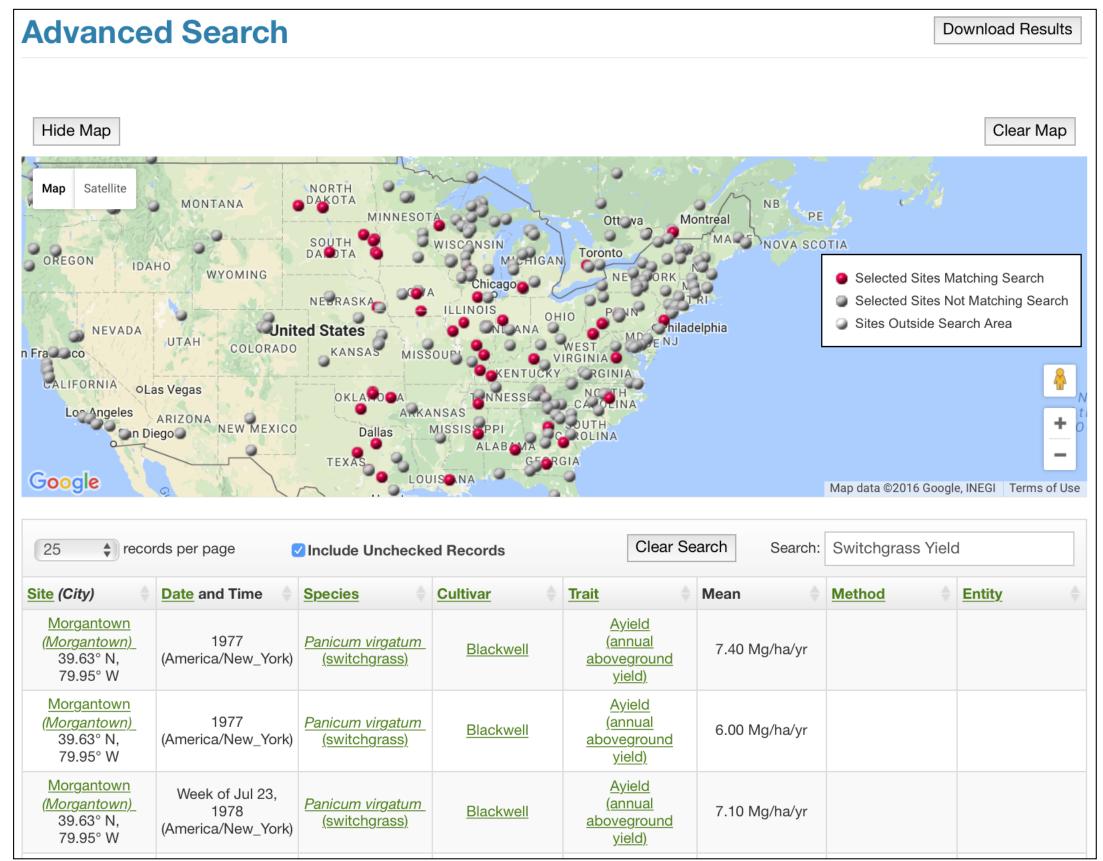
Data Entry

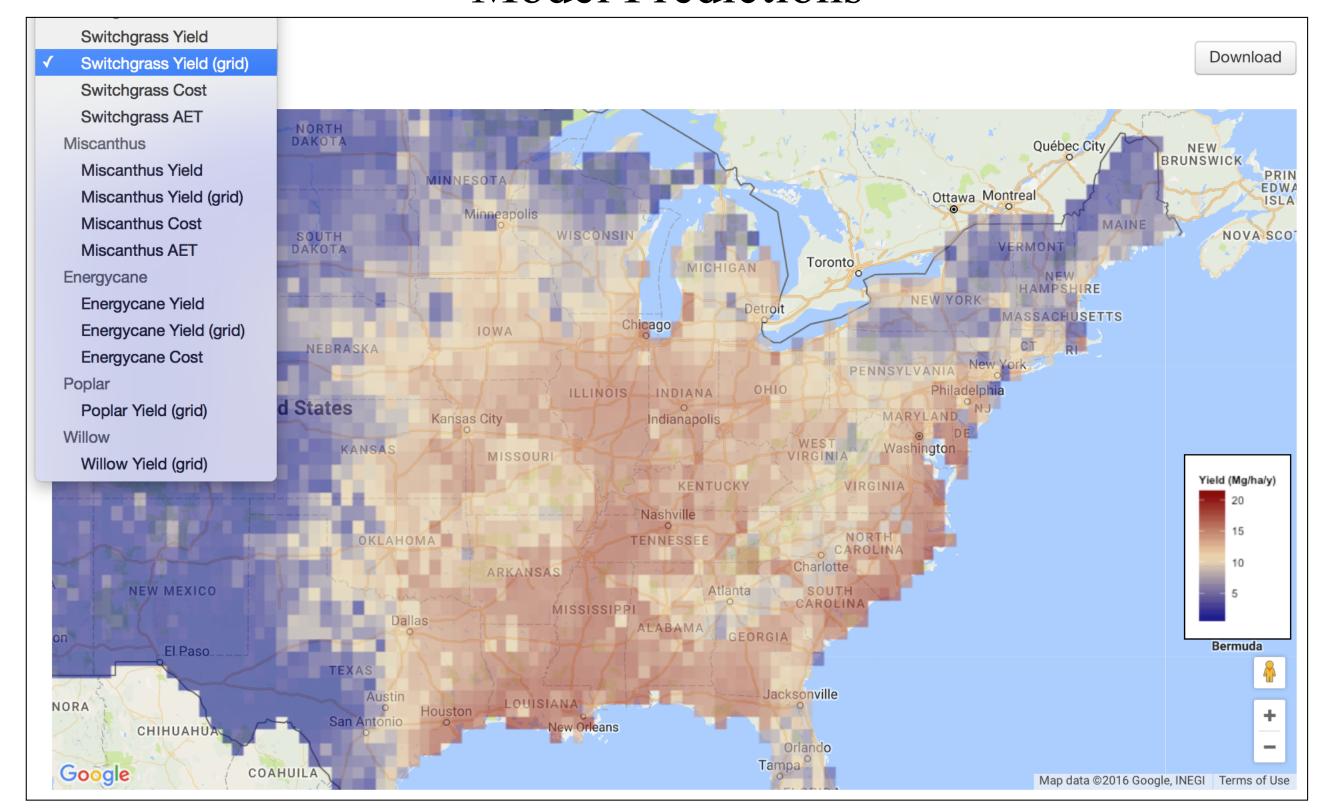


Data Access and Use





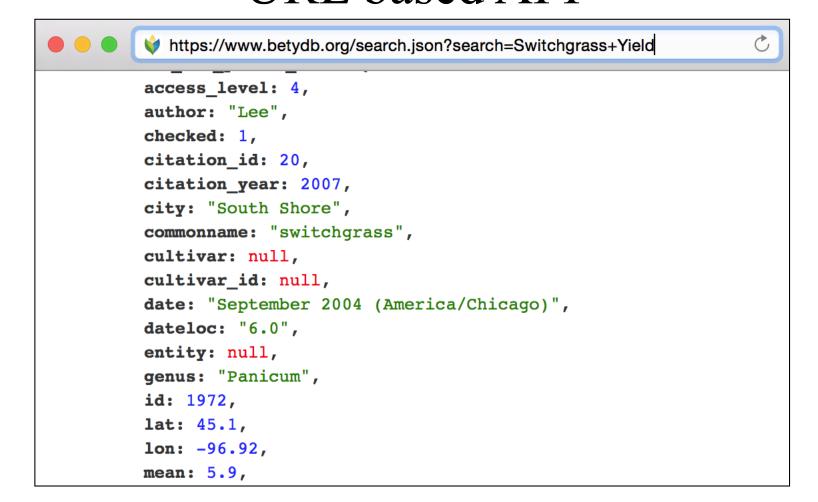
Model Predictions



rOpenSci traits package

```
> library(traits)
> betydb_search('Miscanthus Yield') %>%
     select(author, genus, lat, lon, mean, units, sitename, raw_date)
# A tibble: 337 x 8
     author
                        lat
                                             units
                                lon mean
                 genus
      <chr>>
                 <chr> <dbl> <dbl> <dbl>
                                      28 Mg/ha/yr
   Arundale Miscanthus 37.45 -88.67
                                      38 Mg/ha/yr
   Arundale Miscanthus 37.45 -88.67
   Arundale Miscanthus 37.45 -88.67
                                       40 Mg/ha/yr
  Arundale Miscanthus 37.45 -88.67
                                       32 Mg/ha/yr
   Arundale Miscanthus 37.45 -88.67
                                       41 Mg/ha/yr
```

URL based API



Model Parameterization with PEcAn

