Feature\_preparation\_prioritizr. R is responsible for generating crop areas of each planning unit, carbon sequestration feature generation, groundwater recharge feature generation, and brief tests of constructing prioritization problems using features.

Monthly\_temporal\_prioritizr.R is for dynamic habitat prioritization and spatial and temporal conjunctive prioritization.

Static\_habitat.R is for static habitat prioritization, trade-off analysis, and climate change analysis.

Species\_richness\_visualization. R is for generating species richness maps for different scenarios

Data were comprehensively provided except species abundance data, which is available by request.