Steps to Creation of Portfolio.

1. Locations file to submit to ClimateBC. ID1,ID2,Lat,Lon,El
   1. Grid selection of points can be made from CreateBGCPointsorGrid.R script
2. Extract all Climate futures from ClimateBC
3. Submit climate data to CCISS.Predict R script to output predicted Site Series file
4. Run Portfolio Script
   1. Input predicted site series file from 3
   2. Input Covariance matrix created from CorrelatinMatrix2.R script
   3. Input SIBEC estimates data created from Si\_Pred.R script

Model subcomponents of Portfolio

1. Predicted future BGCs for all GCMS and all periods
2. Covariance matrix of species suitability
3. Species suitability by site series (Chief Forester’s Guidebook)
   1. Estimated rate of losses based on suitability rank
4. Site Index by Site Series tables [SI\_Pred.R script]
   1. Base data from SIBEC project
   2. Extrapolated to fill all information
      1. based on aSMR x rSMR model (CMD) for moisture (aSMR\_X\_rSMR.R sript)
      2. add in a growing season temperature variable
      3. polynomial fill of SI based on extrapolation