Figure 1. Modeling procedure described for partial least squares (PLS) and multiple linear regression (MLR) analysis.

Initial Dataset
- 28 Variables

Refined Dataset
- Variables with VIP ≥ 0.9

Individual models developed by ecoregion to determine common variables. All variables with $p \leq 0.05$ included.

Common site variables

Common model developed for all sites. Variables substituted in until highest amount of variability explained. Limited to factors that increase variability explained by more than 2%. 

MLR