We examined 5 models for ability to predict Total C (C_t) and Total N (N_t).

Modeling

- Langmuir Equation (C & N):
- Logarithmic Function (C & N):
- Type III Exponential Function (C & N):
- First Degree Inverse Polynomial (C only):
- Log-Log Function (N only):

Where a, b, and C_0 are fitted constants, and D is depth.

Average Soil C (Mg ha⁻¹)

Below 0.2 m: 87.97 (66.3%)
Below 0.5 m: 47.47 (35.8%)
Below 1.0 m: 26.56 (20.0%)

Average Soil N (kg ha⁻¹)

Below 0.2 m: 6396 (73.8%)
Below 0.5 m: 4265 (49.2%)
Below 1.0 m: 2587 (29.9%)

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For further information, contact: Jason James
303-547-2792
jajames@uw.edu