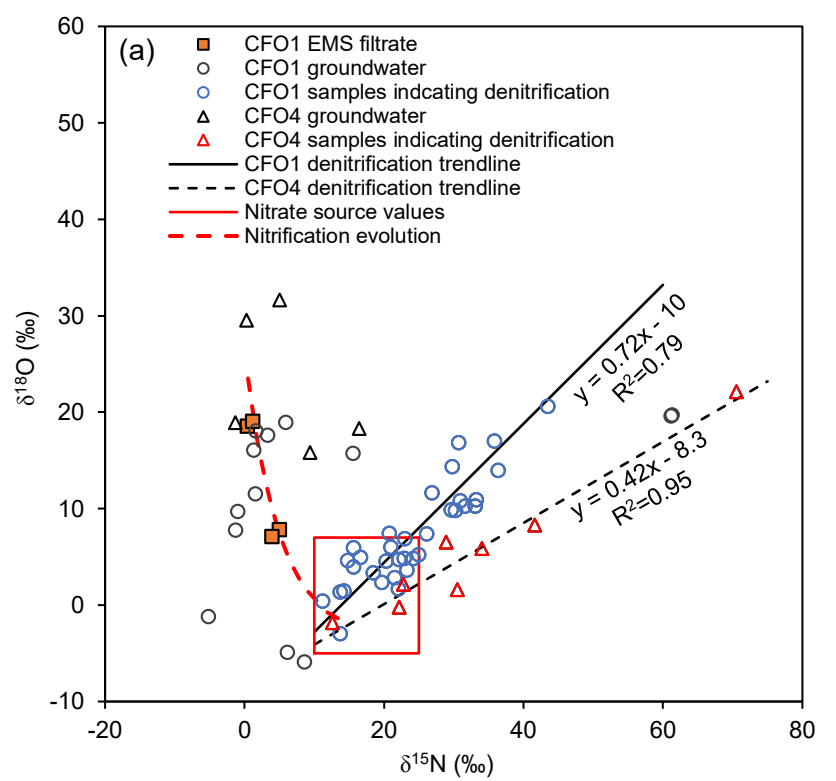
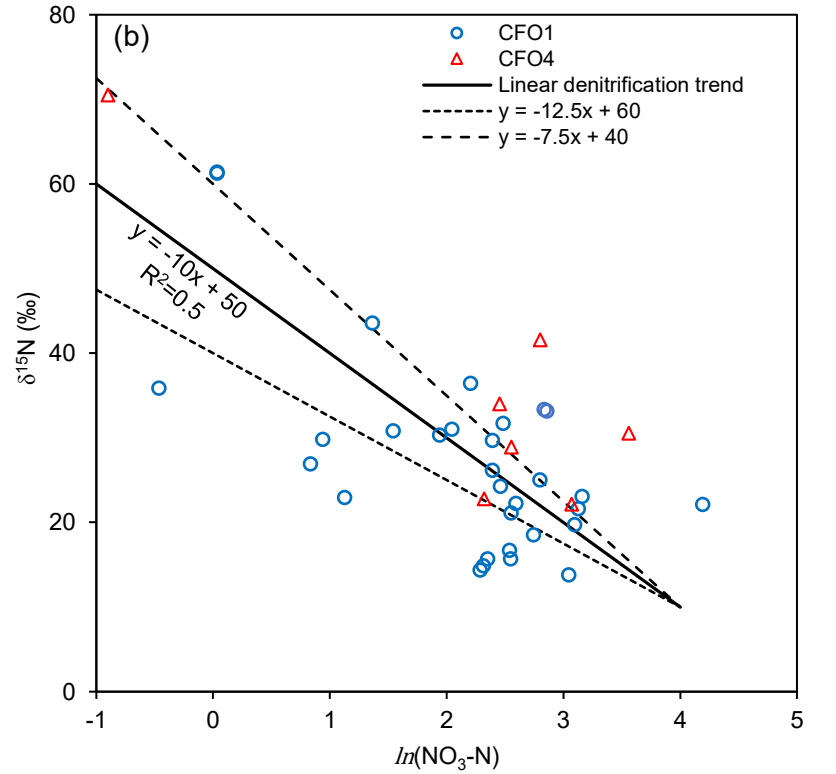

(a)
CFO1 EMS filtrate
CFO1 groundwater
CFO1 samples indcating denitrification
CFO4 groundwater
CFO4 samples indicating denitrification
CFO1 denitrification trendline
CFO4 denitrification trendline
Nitrate source values
Nitrification evolution
y = 0.72x - 10
R²=0.79
y = 0.42x - 8.3
R²=0.95
δ18O (‰)
δ15N (‰)
60
50
40
30
20
10
0
-10
-20
0
20
40
60
80


(b)
CFO1
CFO4
Linear denitrification trend
y = -12.5x + 60
y = -7.5x + 40
y = -10x + 50
R²=0.5
δ15N (‰)
ln(NO3-N)
80
60
40
20
0
-1
0
1
2
3
4
5