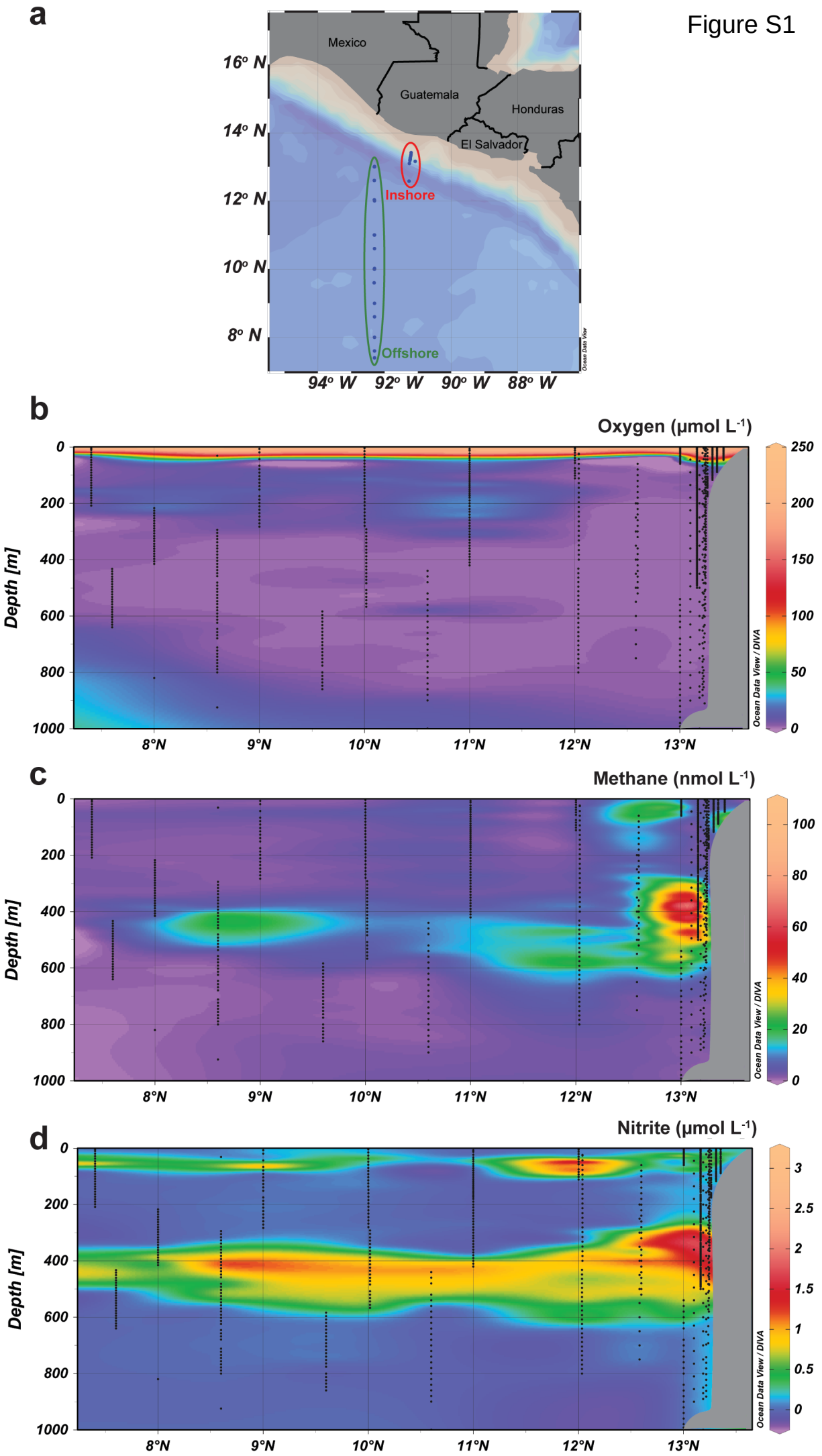
Figure S1


a
Mexico
Guatemala
Honduras
El Salvador
Inshore
Offshore
16° N
14° N
12° N
10° N
8° N
94° W
92° W
90° W
88° W
Ocean Data View
b
Oxygen (µmol L-1)
Depth [m]
0
200
400
600
800
1000
8°N
9°N
10°N
11°N
12°N
13°N
250
200
150
100
50
0
Ocean Data View / DIVA
c
Methane (nmol L-1)
Depth [m]
0
200
400
600
800
1000
8°N
9°N
10°N
11°N
12°N
13°N
100
80
60
40
20
0
Ocean Data View / DIVA
d
Nitrite (µmol L-1)
Depth [m]
0
200
400
600
800
1000
8°N
9°N
10°N
11°N
12°N
13°N
3
2.5
2
1.5
1
0.5
0
Ocean Data View / DIVA