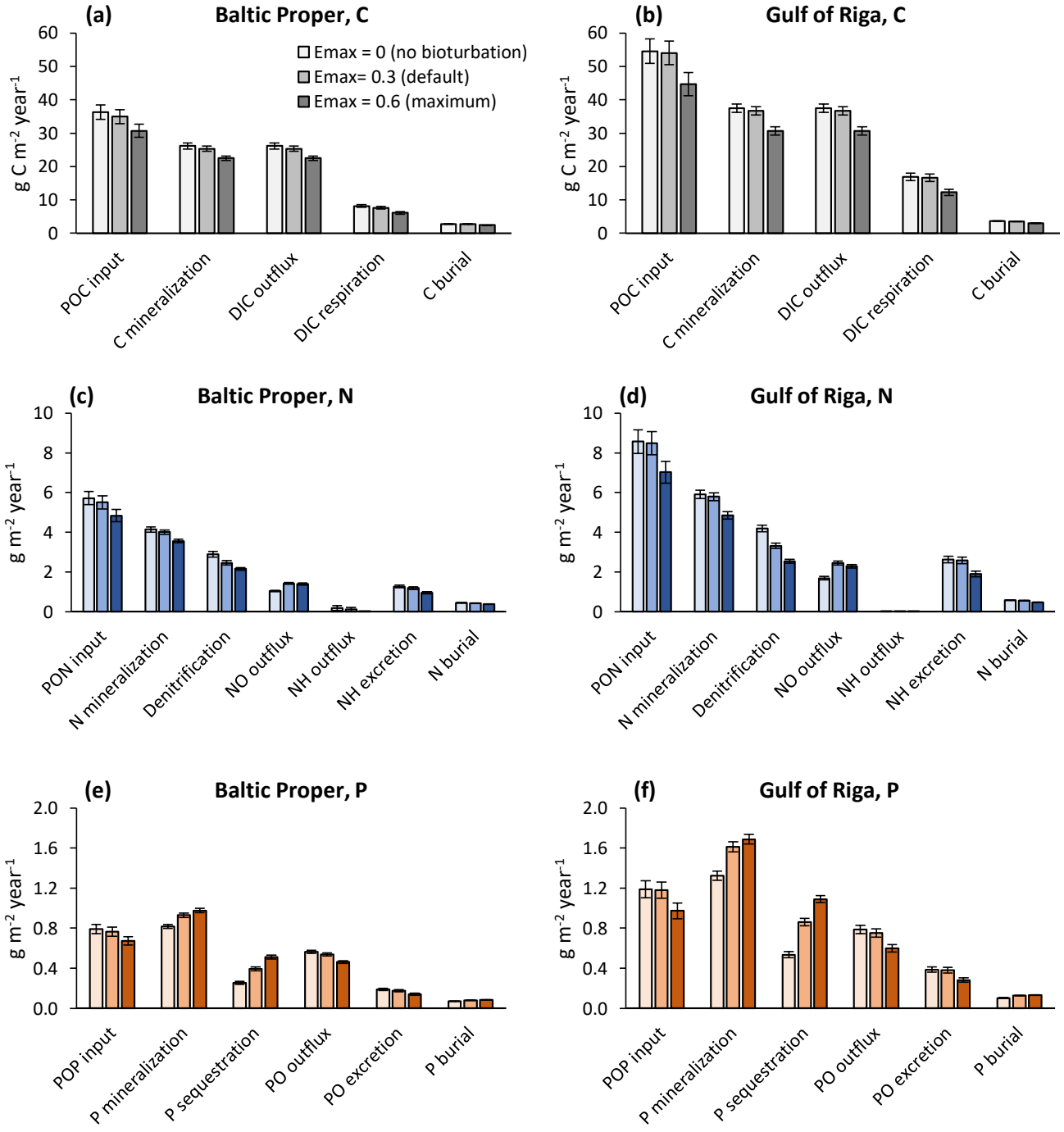
(a)
Baltic Proper, C
Emax = 0 (no bioturbation)
Emax= 0.3 (default)
Emax = 0.6 (maximum)
g C m-2 year-1
POC input
C mineralization
DIC outflux
DIC respiration
C burial
(b)
Gulf of Riga, C
(c)
Baltic Proper, N
g m-2 year-1
PON input
N mineralization
Denitrification
NO outflux
NH outflux
NH excretion
N burial
(d)
Gulf of Riga, N
(e)
Baltic Proper, P
POP input
P mineralization
P sequestration
PO outflux
PO excretion
P burial
(f)
Gulf of Riga, P