

Table 3 Environmental variables and Standard deviation (SD) of estuarine upper zone (EUZ) and estuarine marine zone (EMZ) of Kodungallur-Azhikode estuary (KAE) during July 2009-2010 period

	EMZ	SD	EUZ	SD
Salinity (psu)	16.41	8.90	12.31	7.71
Temperature (°C)	28.68	1.42	29.16	1.51
Depth (m)	3.76	0.07	3.27	0.26
Transparency (m)	1.00	0.42	0.97	0.28
Turbidity (NTU)	9.94	10.16	9.54	8.23
pH	7.41	0.43	7.29	0.39
DO (mg/L)	4.89	0.52	5.47	0.82
BOD (mg/L)	2.57	0.18	2.53	0.99
NO ₃ -N (µmol/L)	9.30	8.89	11.44	6.99
NO ₂ -N (µmol/L)	0.34	0.13	0.27	0.12
NH ₄ ⁺ -N (µmol/L)	4.65	1.72	4.30	0.96
PO ₄ -P (µmol/L)	1.05	0.68	0.98	0.66
SiO ₃ -S (µmol/L)	45.99	6.36	53.34	14.94
Chl- <i>a</i> (mg/m)	6.03	2.43	6.93	4.21