**Fig. S1.** Cumulative total amounts of $CO_2$ evolved in different five salinity soils during 90 days of incubation without addition and with cottonseed meal addition. Error bars represent standard errors of the means (n =3)

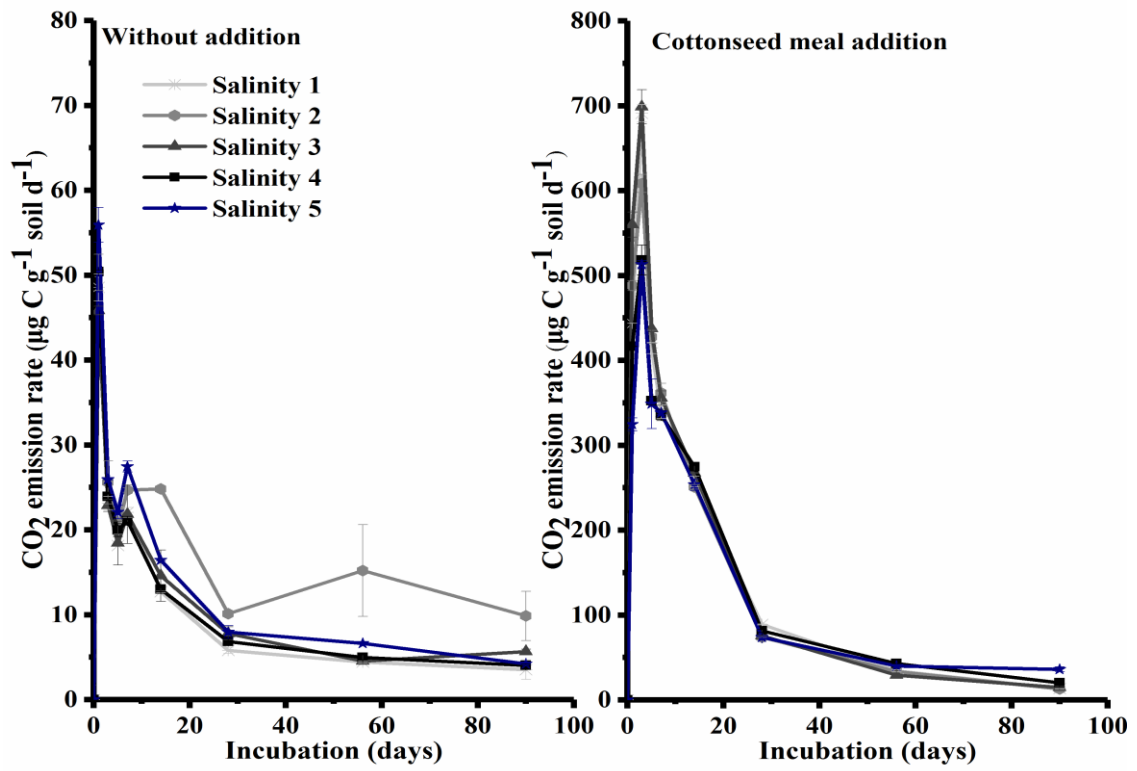
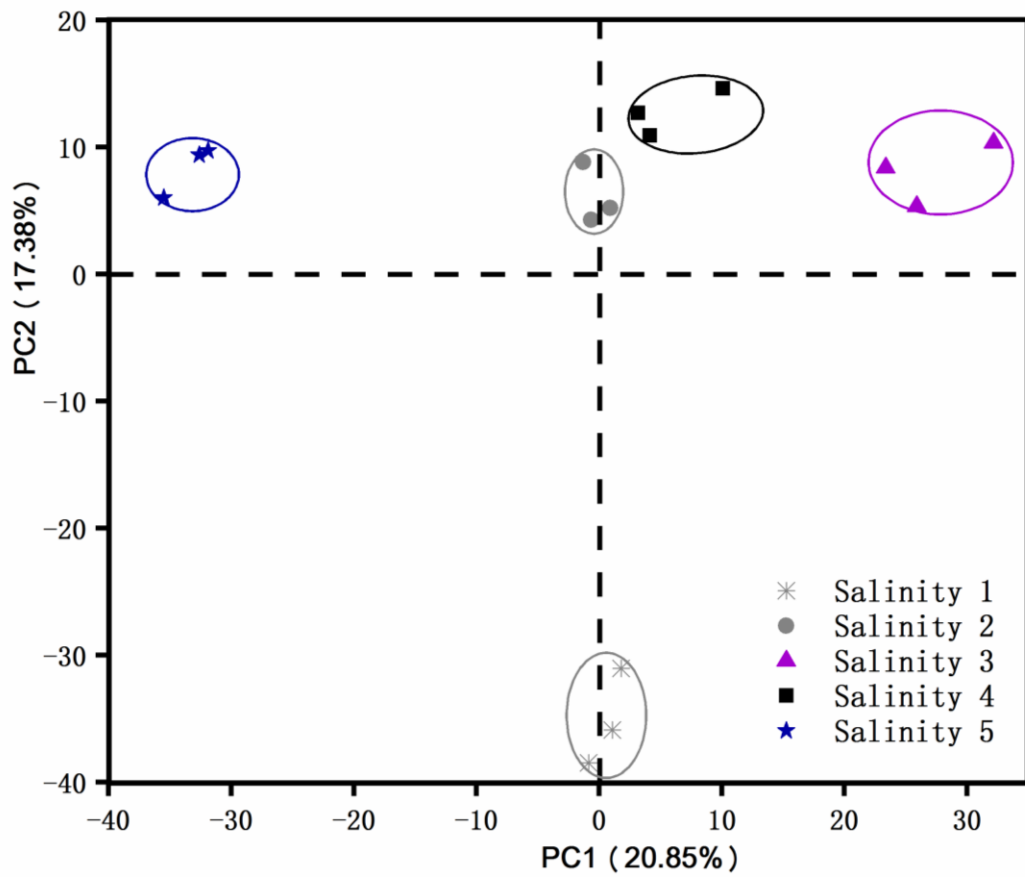



**Fig. S2.** Emission rate of $CO_2$ in different five salinity soils during 90 days incubation without addition and with cottonseed meal addition. Error bars represent standard errors of the means (n = 3).

**SI Fig. 3.** PCA of    the difference between five salinity soils, at 28 days.