
Supplementary materials:

**Higher Diversity of Ammonia-Oxidizing Prokaryotes (AOPs) in
Constructed Freshwater Wetland than Natural Coastal Wetland**

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Figure S1 Locations of the coastal wetland and the constructed freshwater wetland in Hong Kong. The coastal wetland and the freshwater wetland are located in Tai O and Yuen Long, respectively. Both of them are indicated with stars in red color on the map.

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Figure S1



Figure S2 Rarefaction curves indicating 16S rDNA richness of (a) anammox bacteria, (b) archaeal *AmoA* richness and (c) bacterial *AmoA* richness. OTUs were defined at 1% differences in nucleotide sequence for anammox bacteria and 3% difference in deduced amino acid sequences for AOA and AOB. PAU is for the site grown with *Phragmites australis*, TAN with *Typha angustifolia*, CMA with *Cyperus malaccensis*, ‘r’ indicates the rhizosphere, ‘n’ indicates the non-vegetated sediments. The number indicates the sampling depth.

