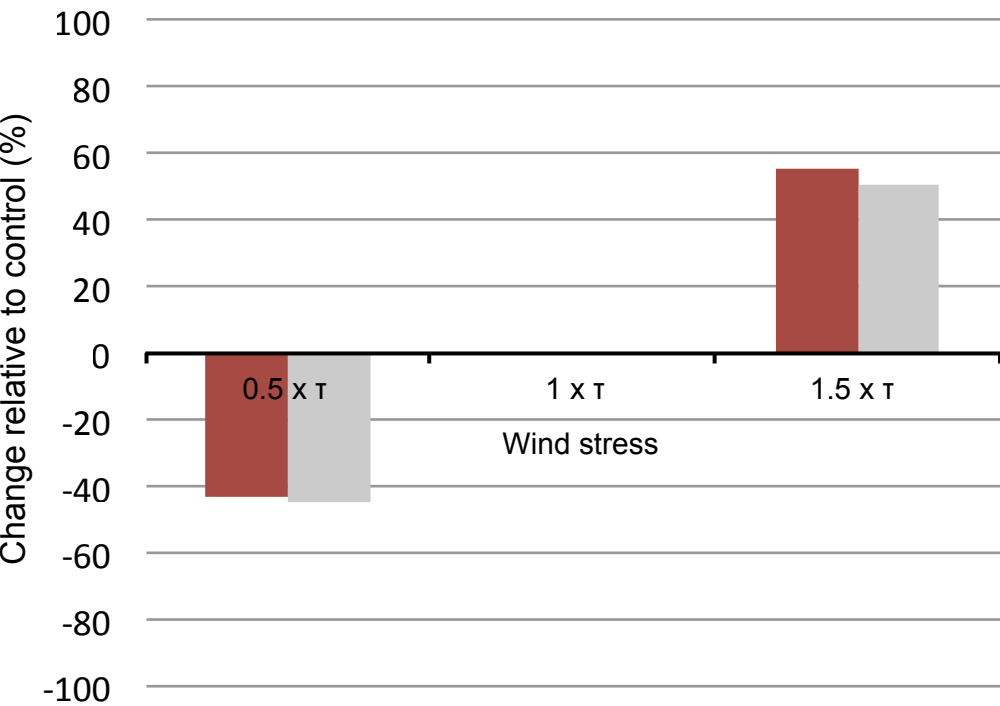
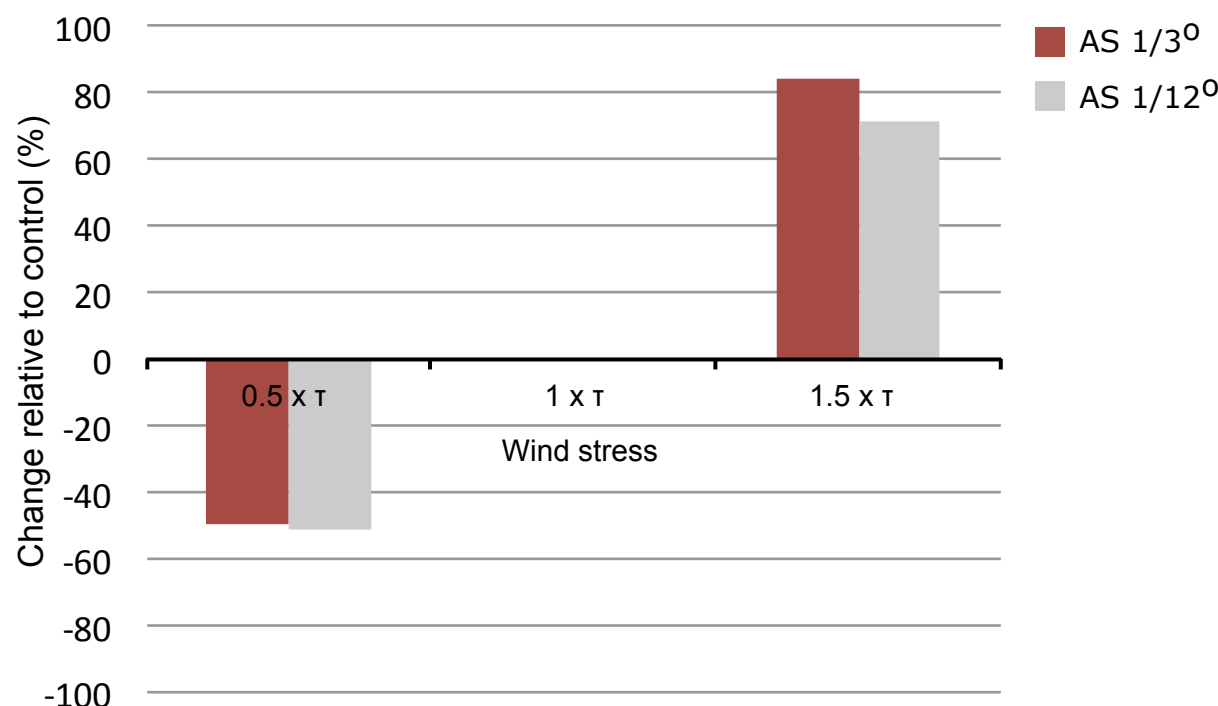
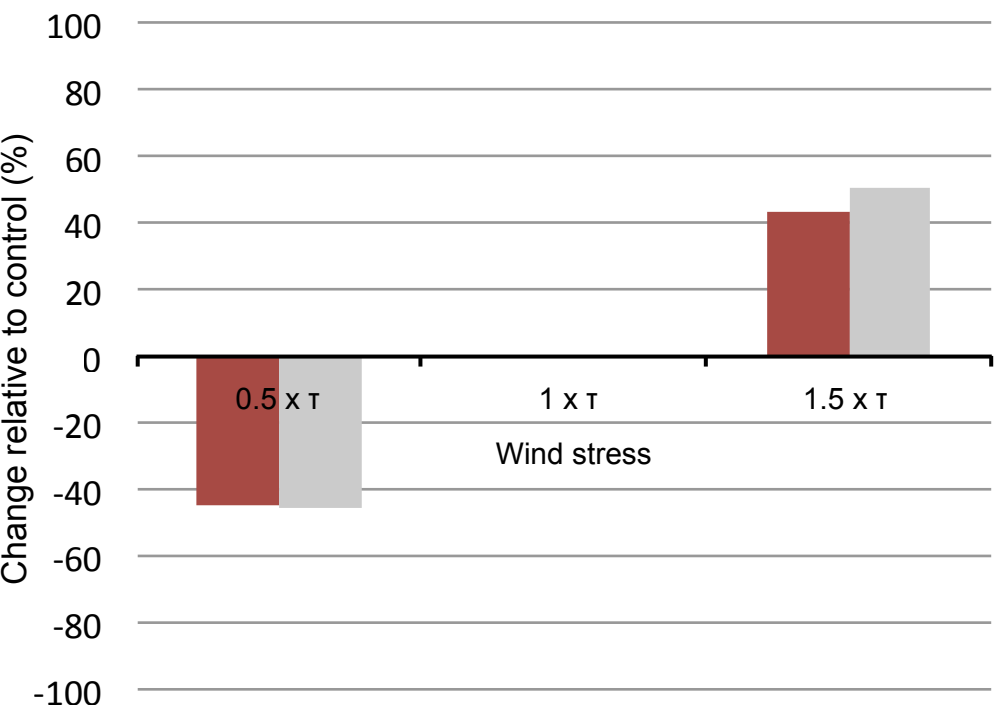


**(a) NPP****(b) Denitrification****(c) Suboxic volume****(d) Hypoxic volume**