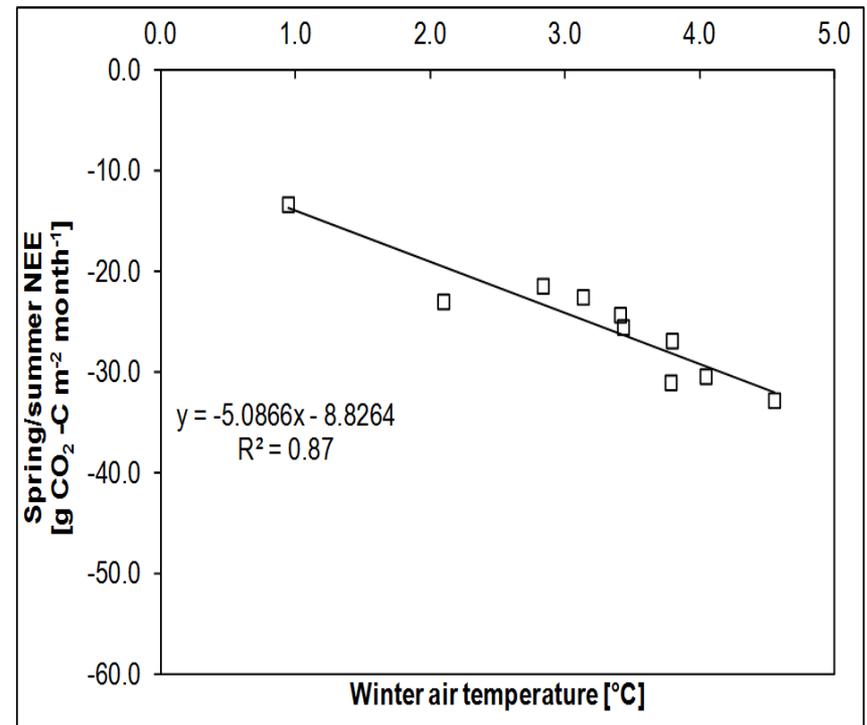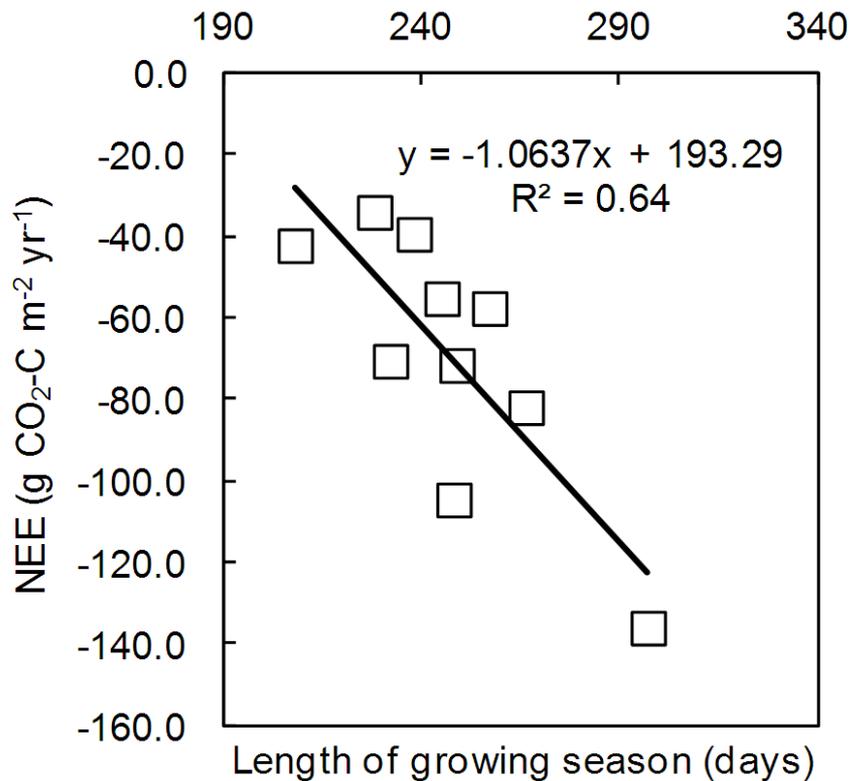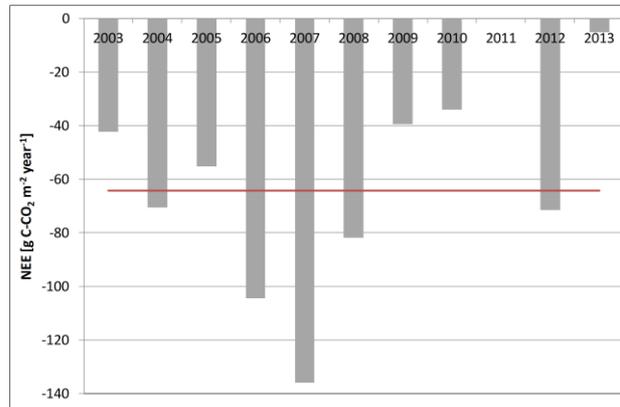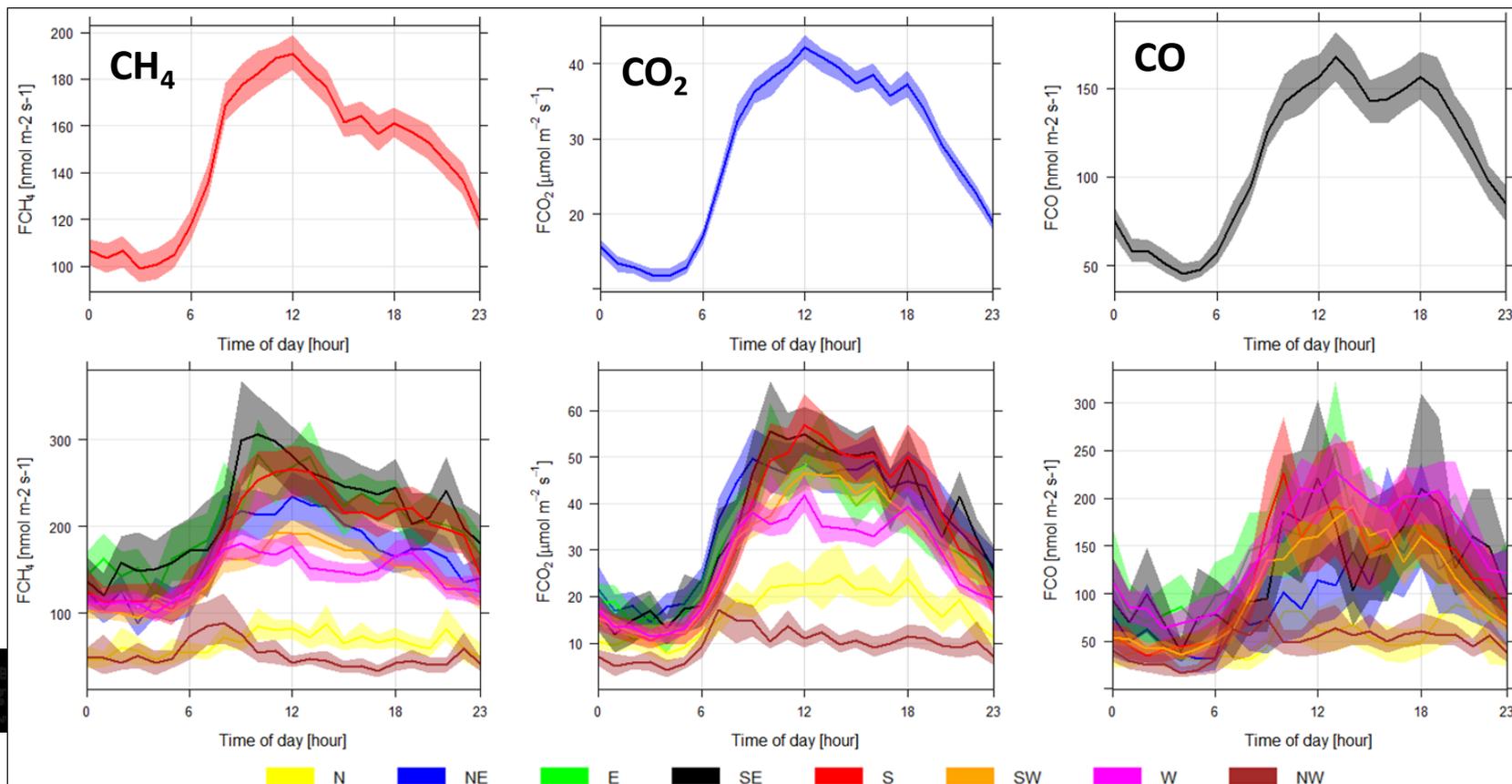# Long-term measurements at Auchencorth Moss peatland: controls of interannual differences in NEE

Urban flux measurements: verification of emission inventories

	CO_2 [tons km^{-2}]	CH_4 [tons km^{-2}]	CO [tons km^{-2}]	N_2O [tons km^{-2}]
Measured at BT tower	41000	75 (CO$_2$e 1875)	156	0.36 (CO$_2$e 107)
Westminster (LAEI)	46000	34	145	0.42

Development of a UK facility for storage and processing of raw eddy-covariance data

Background:

- Existing data centres mostly for processed flux data

- Raw eddy-covariance data stored insecurely, various formats & locations

Approach:

- NERC Big Data project "EddyStore"

- Web-based portal for storage and processing of eddy-covariance flux data

- Using EddyPro routines

- Implemented on JASMIN

- 20 TB of storage initially

- User right administration