

Factors	Sites	Winter	Spring	Summer	Fall
GEM concentration	QYZ	-0.142**	-0.155**	0.014	-0.141**
	HT	-0.232**	-0.226**	-0.197**	-0.183**
Air temperature	QYZ	0.272**	0.166**	0.31**	0.298**
	HT	0.143**	0.121**	0.188**	0.135**
Air humidity	QYZ	-0.314**	-0.003	-0.293**	-0.339**
	HT	-0.101*	-0.149**	-0.246**	-0.255**
Wind speed	QYZ	0.159**	0.176**	0.162**	0.166**
	HT	0.119**	0.180**	0.106**	0.162**
Soil temperature	QYZ	0.025	0.165**	0.288**	0.175**
	HT	0.015	0.174**	0.253**	0.201**
Soil moisture	QYZ	0.102**	-0.198**	0.03	-0.106**
	HT	0.001	-0.032	-0.003	0.034
Radiation	QYZ	0.628**	0.403**	0.401**	0.209**
	HT	0.265**	0.212**	0.313**	0.201**

* Significant at $p < 0.01$ level; ** significant at $p < 0.001$ level.