

Tab.8 Nonlinear regression equation of surface runoff coefficient to contagion index and topographic relief

| Impact factor | Nonlinear regression equation | R ² |
|------------------------|-------------------------------|----------------|
| Topographic relief (S) | $M=\exp(-3.72169+1.83457*S)$ | 0.493 |
| Contagion index (W) | $M=\exp(1.12364-4.10265*W)$ | 0.702 |