

List of Figures

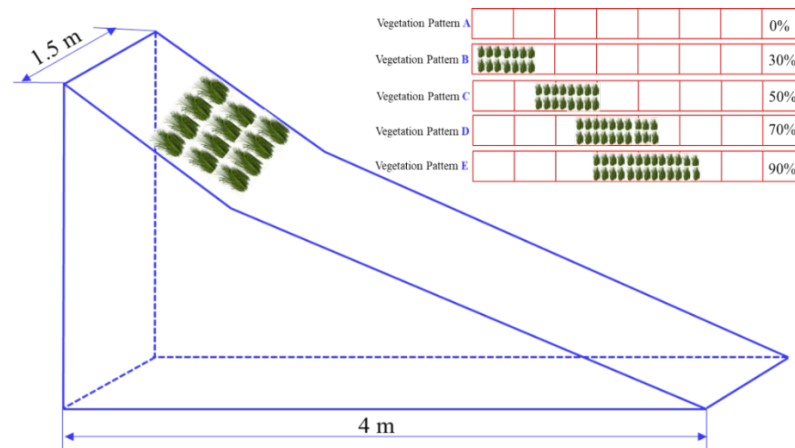


Fig. 1 Generalization model of slope erosion

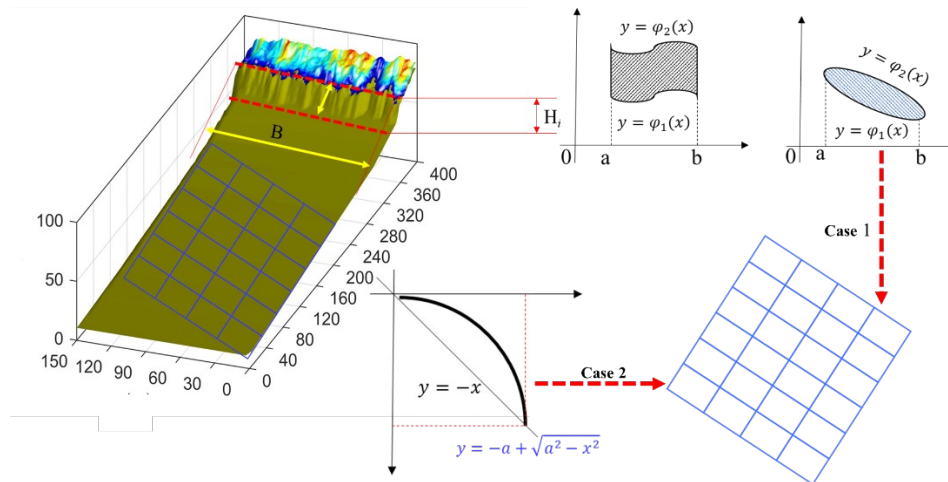


Fig. 2 Generalization calculation of sediment yield of slope erosion unit grid

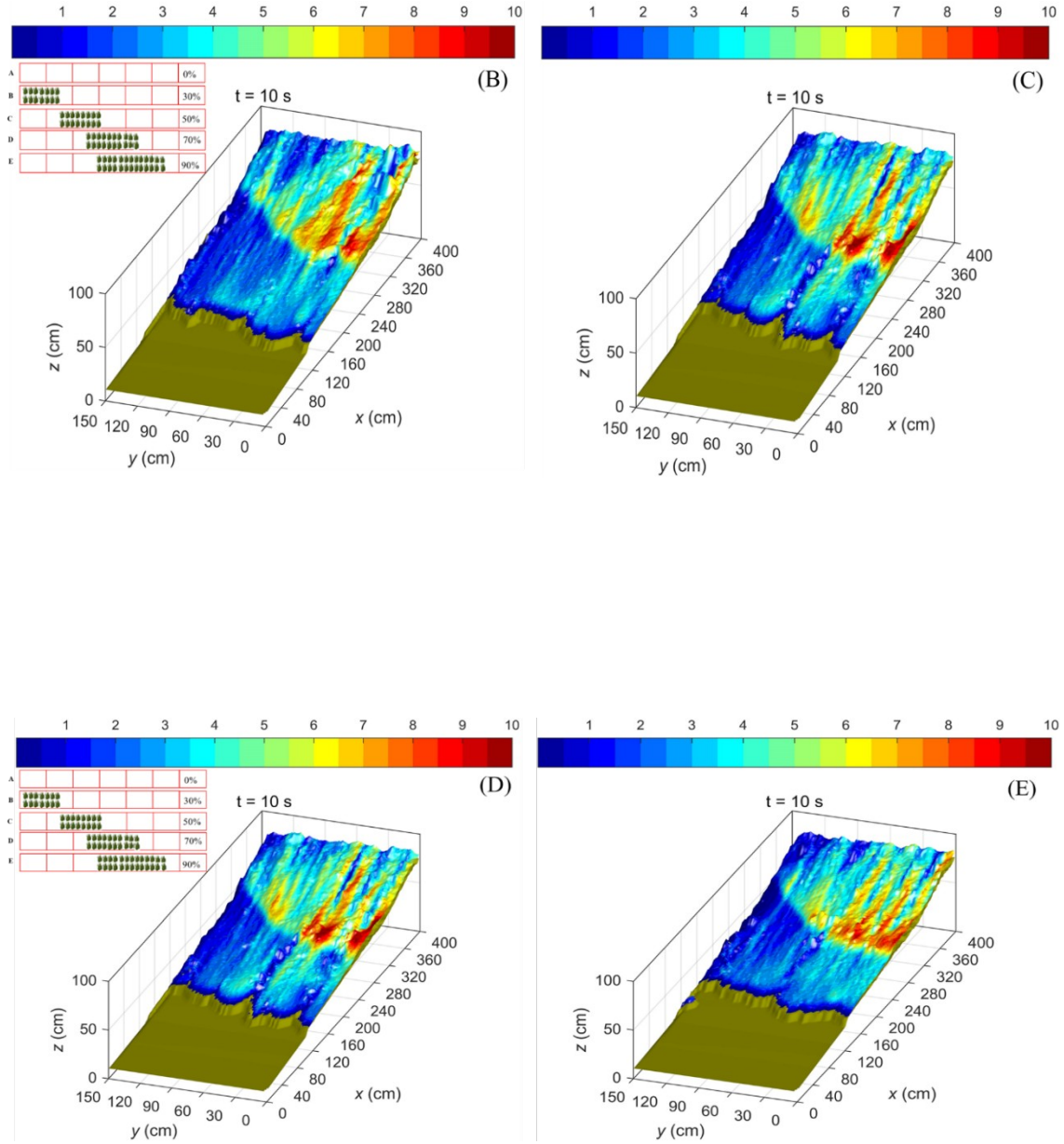


Fig. 4. Slope erosion simulation of different vegetation coverage at the same time

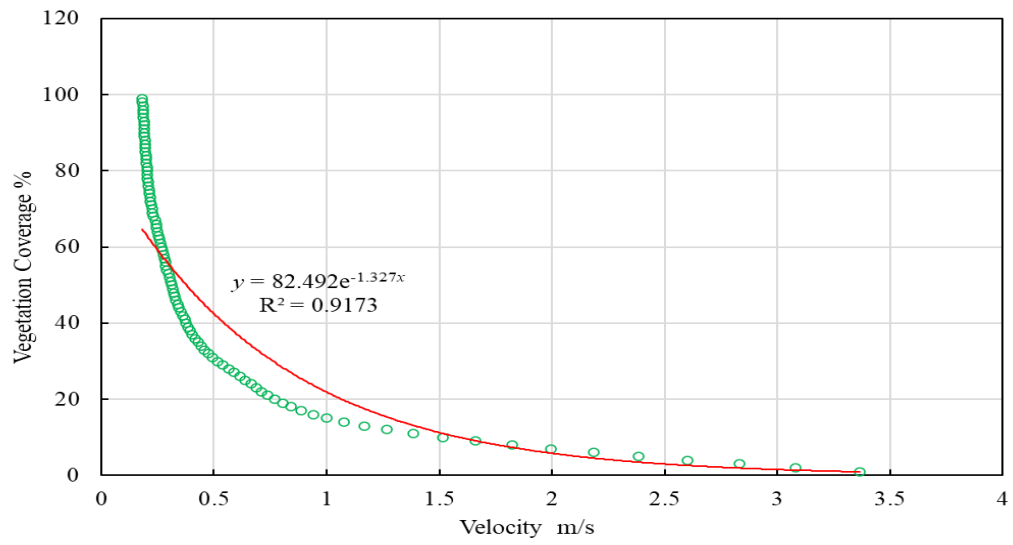


Fig. 5 The variation of mean velocity with different coverages

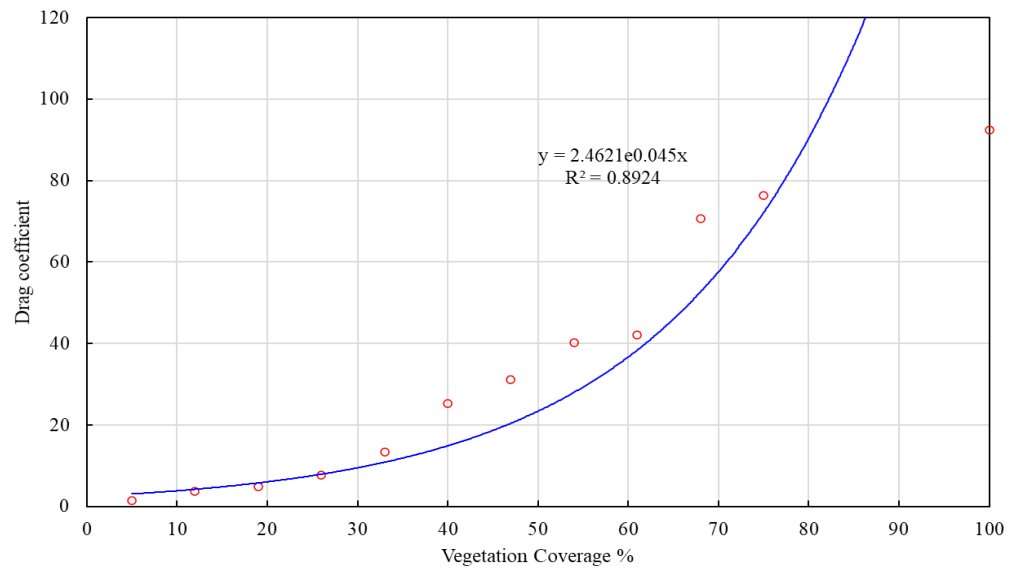


Fig. 6 Relationship between Resistance Drag coefficient and Vegetation Coverage

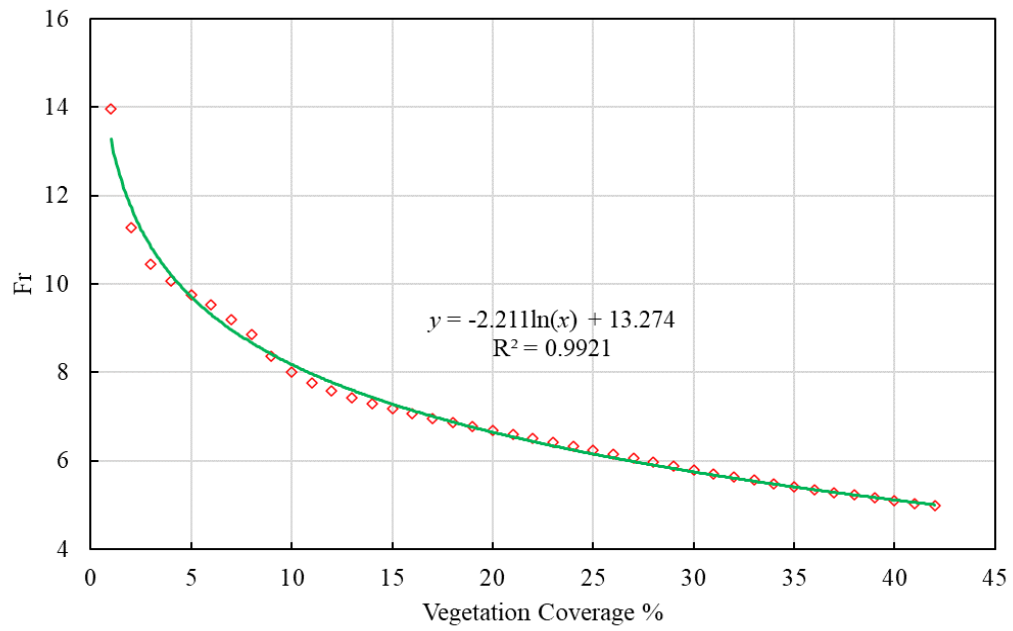


Fig. 7 Relationship between Fr and Vegetation Coverage

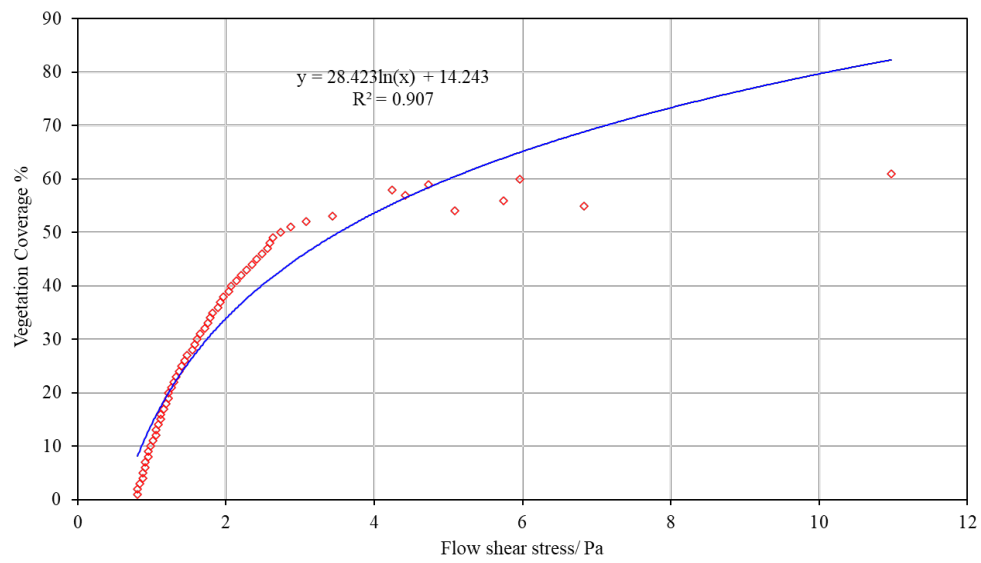


Fig. 8 Relationship between flow shear stress and vegetation Coverage

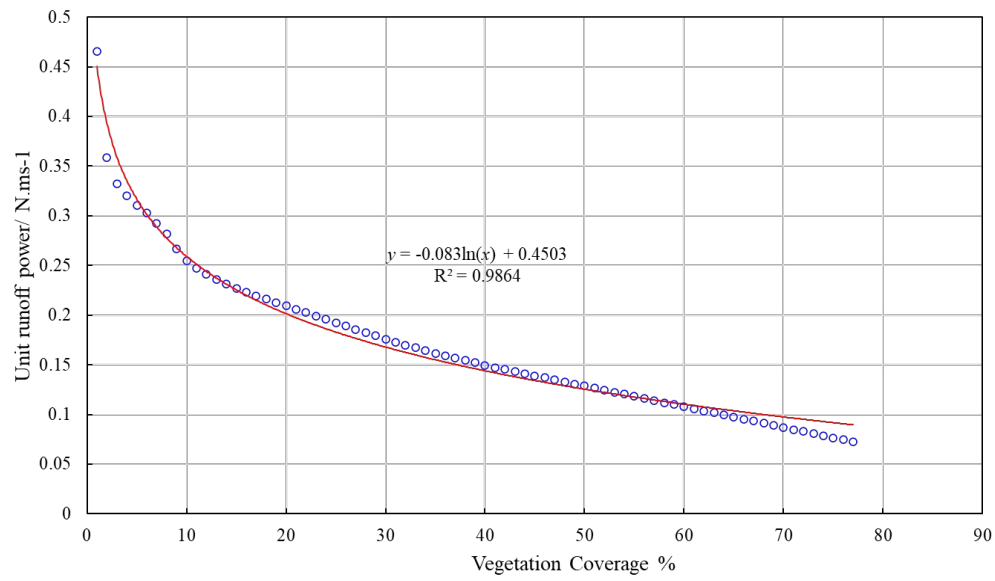
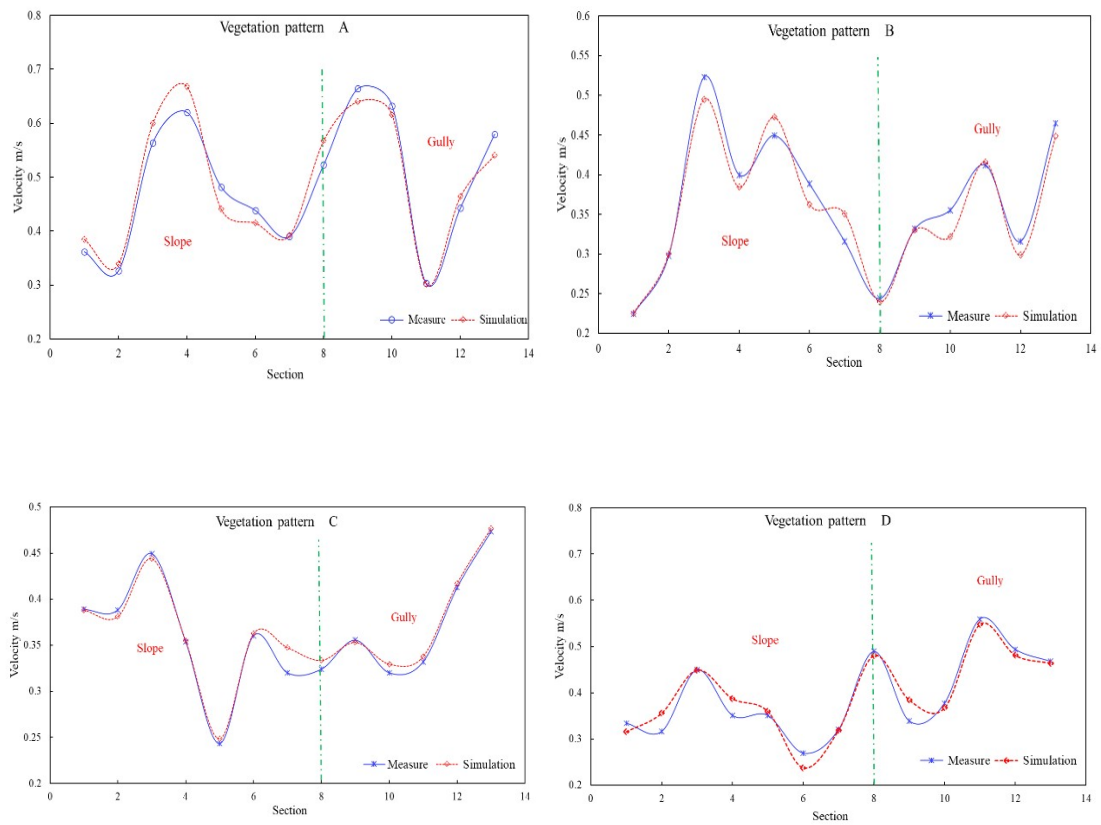


Fig. 9 Relationship between unit runoff power and vegetation Coverage



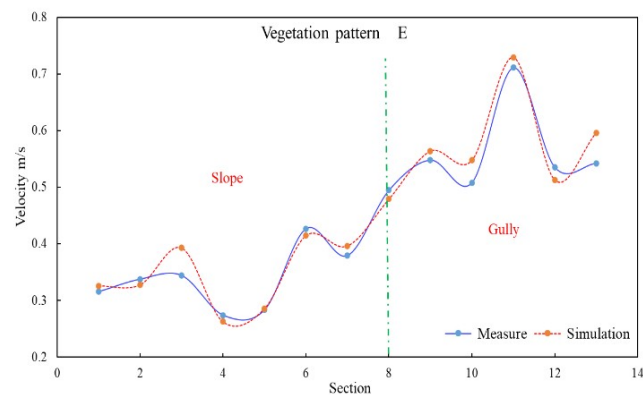
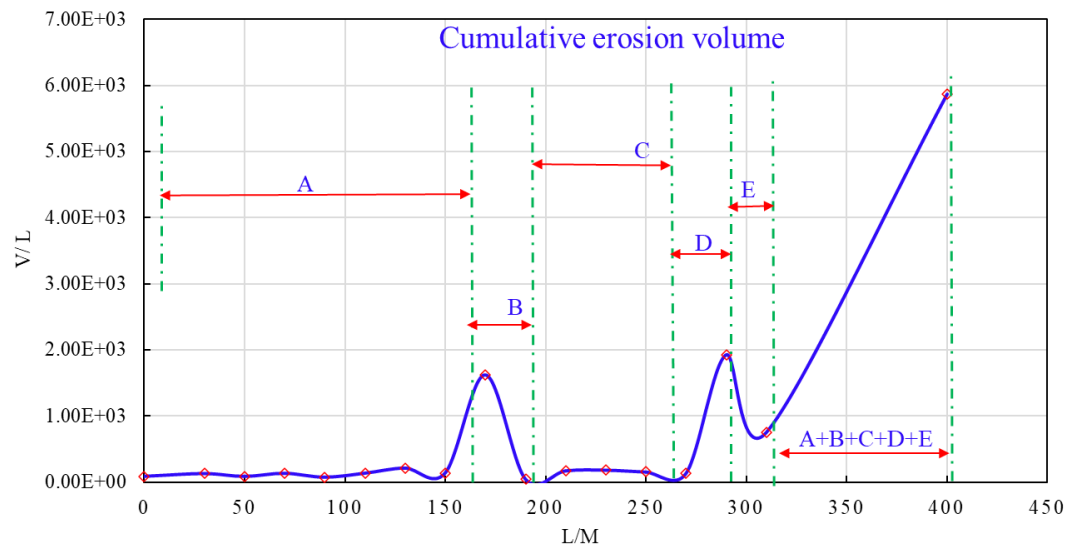


Fig. 10 Relationship between measured and simulated runoff velocity without vegetation coverage



Erosion volume without vegetation coverage

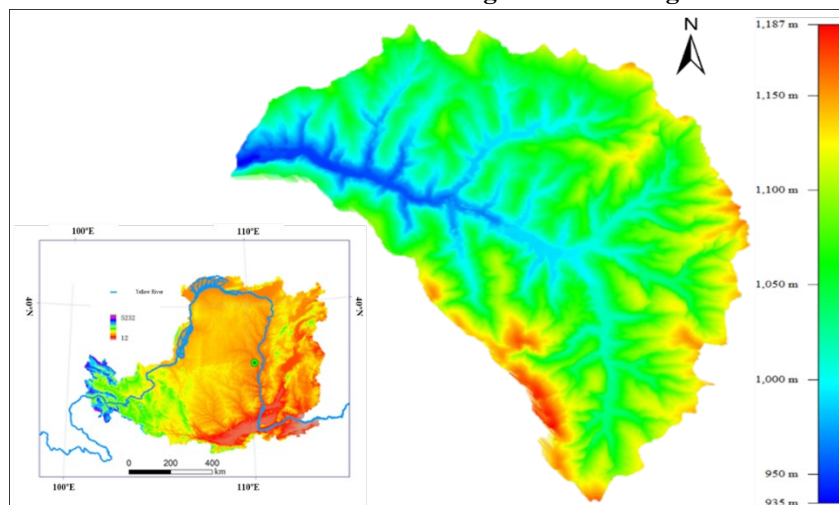


Fig.12 Schematic diagram of Wangmaogou watershed

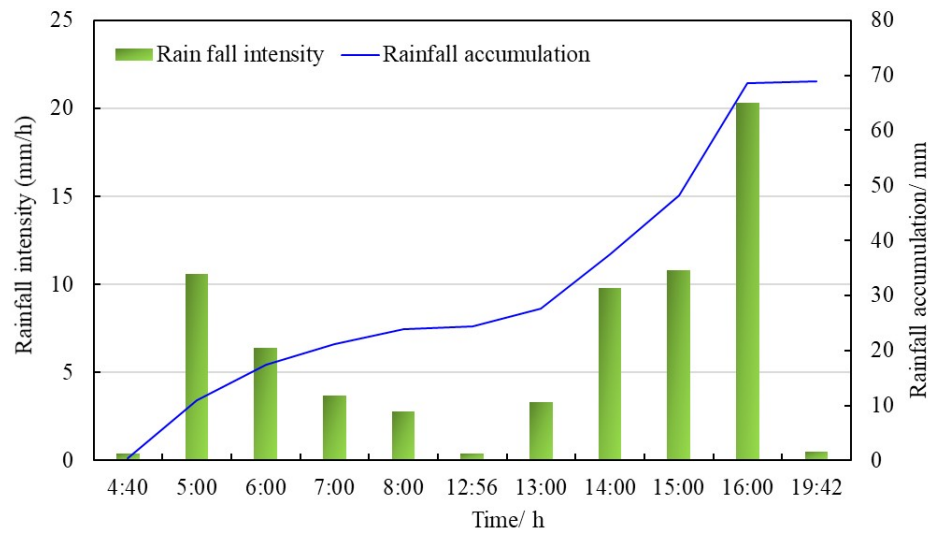


Fig.13 Wangmaogou catchment of measured rainfall

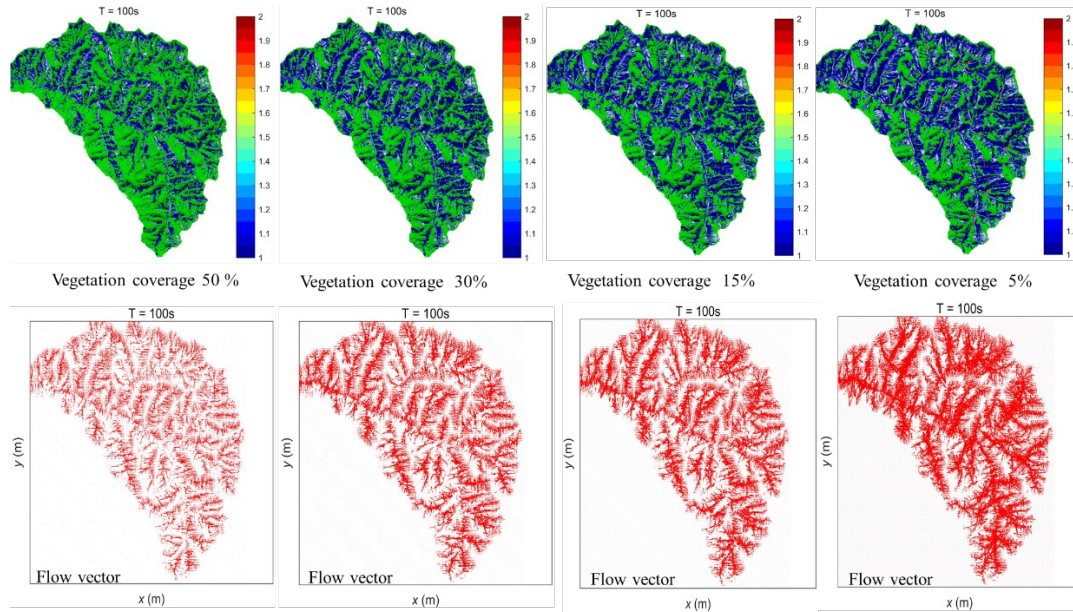


Fig.14 Erosion change and velocity vector $T=100S$

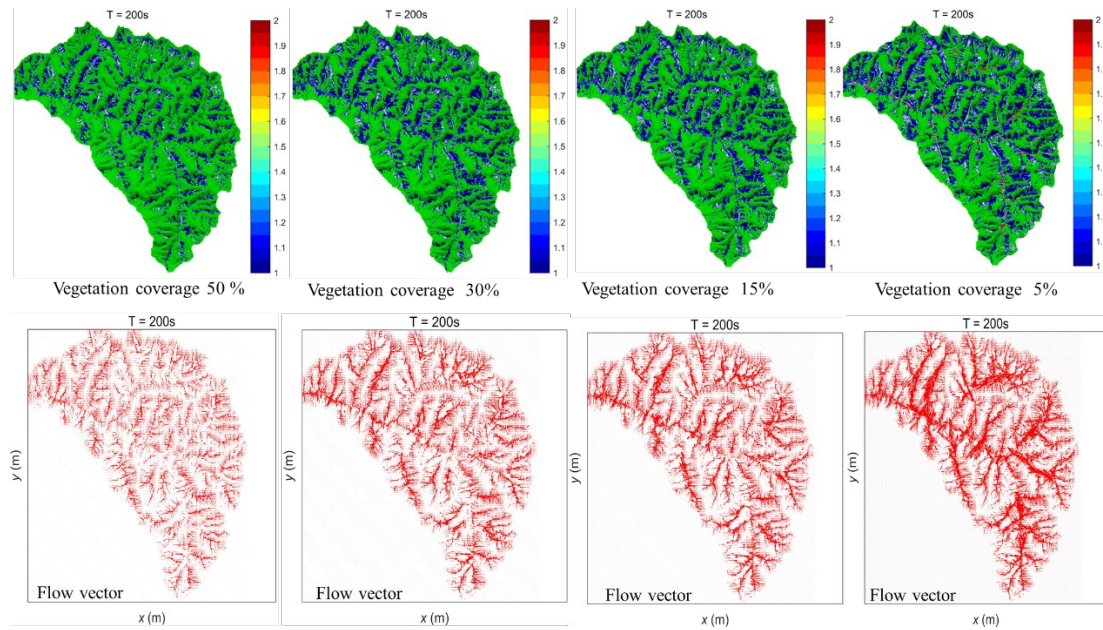


Fig.15 Erosion change and velocity vector $T=200S$

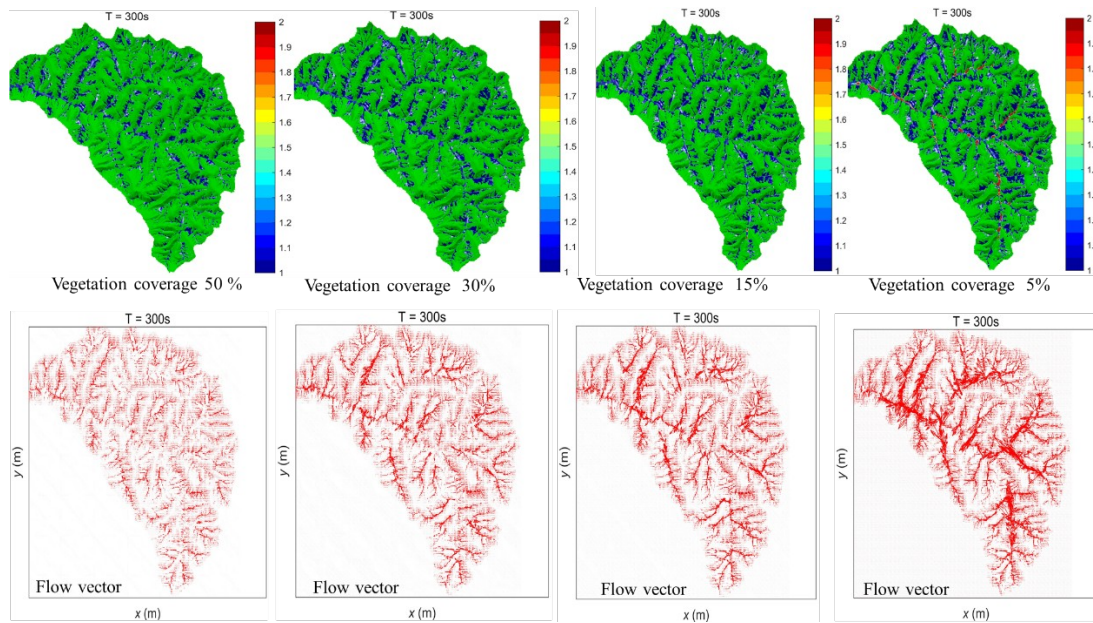


Fig.16 Erosion change and velocity vector $T=300S$

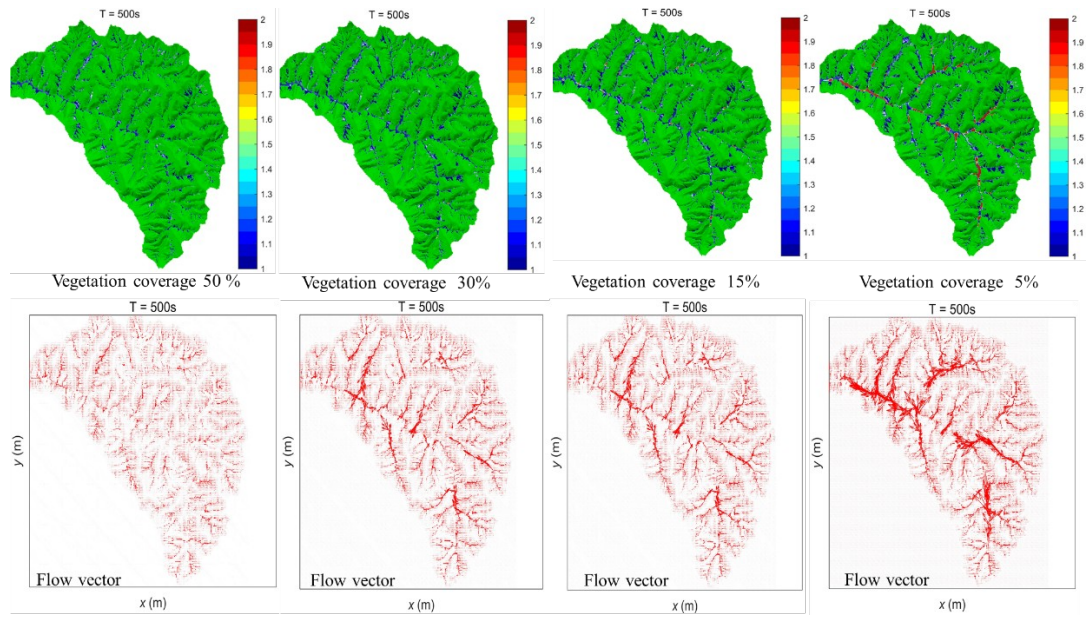


Fig.17 Erosion change and velocity vector $T=500S$

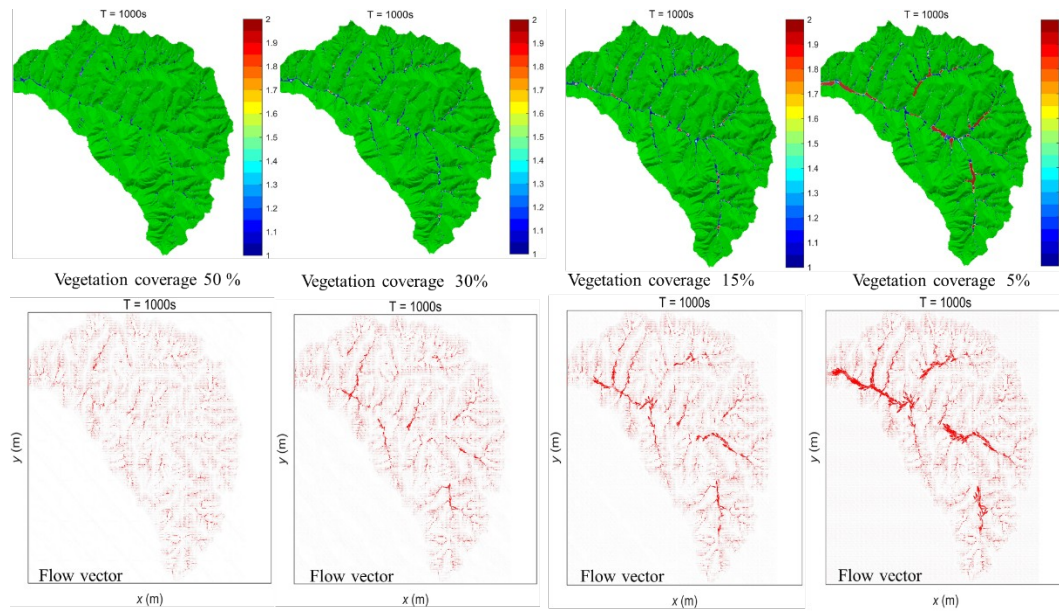


Fig.18 Erosion change and velocity vector $T=1000S$

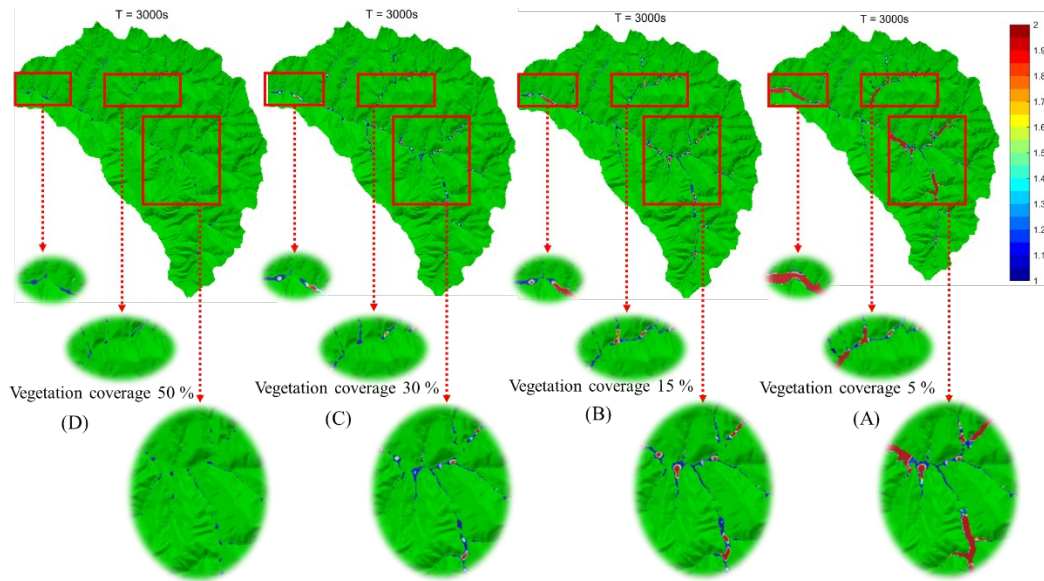


Fig.19 Erosion change and velocity vector $T=3000S$