r.sim.terrain

```
input data
    ↓
determine steady state
or dynamic flow regime
    ↓
determine model
```

RUSLE3D	SIMWE	USPED
detachment limited regime	variable erosion-deposition regime	transport limited regime
Event-based erosivity factor	water flow	Event-based erosivity factor
Flow accumulation	erosion-deposition	Flow accumulation
3D topographic factor	landscape evolution	3D topographic factor
sediment flow	gravitional diffusion	sediment flow at transport capacity
landscape evolution		landscape evolution
gravitional diffusion		gravitional diffusion

iterate   iterate   iterate

output data