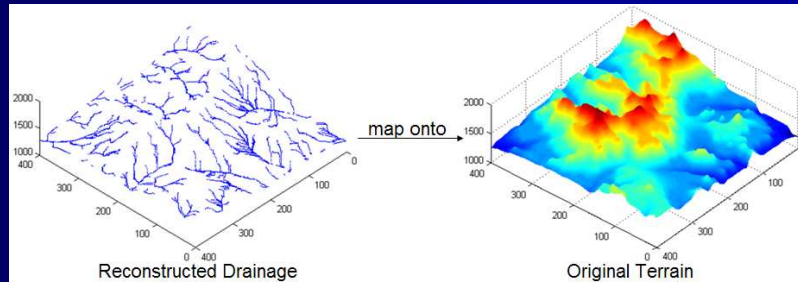


Measuring Hydrology Error



- Error is reduced for flow traveling downhill, increased for flow traveling uphill.
- Error is determined by gradient and amount of flow

$$EnergyDown = \sum_i \max(0, E_i - E_{r(i)}) * W_i$$
$$EnergyUp = \sum_i \max(0, E_{r(i)} - E_i) * W_i$$
$$Error = \frac{EnergyUp}{EnergyDown}$$