

Models characteristics	FAN	FLO-2D	Geomorphological approach	Suggested integrated model
Depth	✓	✓	—	✓
Velocity	✓	✓	—	✓
Active/inactive	—	—	✓	✓
Fine-resolution results	—	✓	—	✓
Required input data	low	high	low	low
Degree of simplicity	simple	complex	relatively complex	simple