

Method	Approach	Inputs	Limitations	Spatial extent
USGS	Manual sieving	sediments	grains > 2mm	point
NEXSS	Model	catchment characteristics	Model generalizations	catchment-scale
Abeshu	Model	catchment characteristics	Model generalizations	catchment-scale
YOLO (this study)	Photogrammetry	images	obscured/small (< 2mm) grains	0.8m x 0.8m