

Appendix

Table S1

Terms	Acronyms and symbols
Bulk density	BD
Conventional tillage	CT
Control Points	CPs
Difference of Digital Terrain Models	DoDs
Differences of IC	DoIC
Differences of Meshes	DoMs
Digital Elevation Models	DEMs
Digital Terrain Models	DTMs
Downslope component	D_{dn}
Geographic Information System	GIS
Ground Control Points	GCPs
Global Navigation Satellite System	GNSS
Ground Sample Distance	GSD
High-resolution topographic	HRT
Index of Connectivity	IC
Iterative closest point	ICP
Mean Error	ME
Minimum Level of Detection	minLoD
Multiple Model to Model Cloud Comparison	M3C2
M3C2 tool with the precision maps	M3C2-PM
Multi-view Stereo	MVS
Normal direction	N
Normalized Median Absolute Deviation	NMAD
No-till	NT
Plane	P
Precision in normal direction	σ_N
Regional Agency for Environmental Protection	ARPAV
Root-Mean-Square Error	RMSE
Standard Deviation	SDE
Structure from Motion	SfM
Surfaces	S
Terrestrial Laser Scanner	TLS
Topography Point Cloud Analysis Toolkit	ToPCAT
Triangular Irregular Network	TIN
Uncrewed Aerial Vehicles	UAVs
Upslope component	D_{up}
Vertical precision estimates	σ_z
Volume	V



Figure S1. Example of the image network geometry realized for experimental plots. The white circles represent the image position of the SfM survey of November 2019.