

**List of abbreviations:**

ASCII	American Standard Code for Information Interchange, file Format readable in many software,
BIM	Software for building information modelling, process involving the generation of digital representations of places, BIM files
CAA	International organization of specialists in computer sciences in archaeology
CAD	Computer aided drawing
CCD	Charged-coupled device, integrated circuit on silicon surface forming light sensitive pixels
CPU	Computer processing unit, colloquially “computer processor”
DEM	Digital elevation model (3D representation of terrain surface with a prime intention of elevation visualisation)
DSLR	Digital single lens reflex camera
DOF	Depth of field (one of the basic camera settings)
DWG	AutoCad native file format
EXIF	Exchangeable image (file) format
FLS	Farp software native file format
GCP	Ground control points (reference points measured by TS or GNSS Rtk Rover using to georeference 3D model)
GIMP	GNU Image manipulation program (open-source software for image editing)
GNSS	Global navigation satellite system
GPU	Graphic processing unit, colloquially “computer graphic card”
EV	Exposure values (one of the basic camera settings)
HDR	High dynamic range (technique used in imaging and photography to create a greater dynamic range of luminosity than it is possible with standard digital imaging techniques)
lBM	Image-based modeling (scanning technology using photos as raw data, sometimes referred to as 3D photogrammetry)
ISO (values)	Values for measuring the sensitivity of the image sensor in camera
ISPRS	International Society for Photogrammetry and Remote Sensing
LAS	File format, frequently for storing the LIDAR data, similar as LAZ
LAZ	see LAS
LCD	Liquid cristal display

LIDAR	Light Imaging and Ranging
MVS	Multi-view stereo (part of lBM processing workflow)
NURBS	Non-uniform rational basis spline (type of 3D model)
PS	Phase-shift (type of laser scanning technology)
PNG	Portable network graphics, file format frequently used for recording images
PTG	Leica native file format
PTS	Interchangeable file format
PTX	Interchangeable file format
PTZ	Leica native file format
RAM	Random access memory
RAW	Digital image file format, containing minimum processed data from the image sensor in camera
RGB	Red - green - blue, basic colours in computer colour model
RTK (rover)	Real time kinetic rovers, used for satellite navigation
SIFT (algorithm)	Scale invariant feature transform, algorithm for describing local features in digital image
SfM	Structure for motion, photogrammetric imaging technique for estimating 3D objects, basic procedure within lBM
SIFT	Scale-invariant feature transform (technology used for key points detection on particular photos during lBM processing step - Bundle adjustment)
SLS	Structured light scanning (scanner) (scanning using structured/gridded light as a technological mean)
TIFF (geoTIFF)	Tagged image file format, one of standard file formats for digital images
TLS	Terrestrial laser scanning (scanner) (scanning using laser as a technology mean)
TS	Total station, electronic theodolite
TOF	Time of flight
UAV	Unmanned aerial vehicle (remote controlled light aerial devices (e.g. copters, drones) with mounted camera used within lBM procedure for taking picture)
UV	Ultra violet