Resource Summary Report

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Agisoft Metashape

RRID:SCR_018119
Type: Tool

Proper Citation

Agisoft Metashape (RRID:SCR_018119)

Resource Information

URL: http://www.agisoft.com

Proper Citation: Agisoft Metashape (RRID:SCR_018119)

Description: Stand alone software that performs photogrammetric processing of digital images and generates 3D spatial data to be used in GIS applications, cultural heritage documentation, and visual effects production as well as for indirect measurements of objects of various scales. Successor of PhotoScan and is advanced image-based 3D modeling solution aimed at creating professional quality 3D content from still images.

Resource Type: standalone software, software application, software resource, data processing software, image processing software

Keywords: Agisoft LLC, photogrammetry processing, digital image, 3D spatial data, GIS, visual effect production, 3D computer graphic

Funding:

Availability: Restricted

Resource Name: Agisoft Metashape

Resource ID: SCR_018119

Record Creation Time: 20220129T080338+0000

Record Last Update: 20250403T061313+0000

Ratings and Alerts

No rating or validation information has been found for Agisoft Metashape.

No alerts have been found for Agisoft Metashape.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 124 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Kozhekin MV, et al. (2025) Plant Detection in RGB Images from Unmanned Aerial Vehicles Using Segmentation by Deep Learning and an Impact of Model Accuracy on Downstream Analysis. Journal of imaging, 11(1).

von Baczko MB, et al. (2025) Biomechanical modeling of musculoskeletal function related to the terrestrial locomotion of Riojasuchus tenuisceps (Archosauria: Ornithosuchidae). Anatomical record (Hoboken, N.J. : 2007), 308(2), 369.

Rostami N, et al. (2025) Development and construction of a portable wind tunnel for investigating wind erosion through the application of photogrammetry techniques. Scientific reports, 15(1), 178.

De Leo N, et al. (2025) Protocol for 3D photogrammetry and morphological digitization of complex skulls. STAR protocols, 6(1), 103572.

Dillner RP, et al. (2025) Combining a Standardized Growth Class Assessment, UAV Sensor Data, GIS Processing, and Machine Learning Classification to Derive a Correlation with the Vigour and Canopy Volume of Grapevines. Sensors (Basel, Switzerland), 25(2).

Forte V, et al. (2025) Neural plasticity in early potters: Shape analysis and TMS-EEG co-registration trace the rise of a new motor skill. PloS one, 20(1), e0316545.

Shao Y, et al. (2025) Irregular seeds DEM parameters prediction based on 3D point cloud and GA-BP-GA optimization. Scientific reports, 15(1), 304.

Stephenson NP, et al. (2024) Morphology shapes community dynamics in early animal ecosystems. Nature ecology & evolution, 8(7), 1238.

Hold LA, et al. (2024) Functional Changes to Achilles Tendon and Enthesis in a Mouse Model of an Adolescent Masculine Gender-Affirming Hormone Treatment. bioRxiv : the preprint server for biology.

Mathys A, et al. (2024) Sphaeroptica: A tool for pseudo-3D visualization and 3D

measurements on arthropods. PloS one, 19(10), e0311887.

Anderegg J, et al. (2024) Pixel to practice: multi-scale image data for calibrating remote-sensing-based winter wheat monitoring methods. Scientific data, 11(1), 1033.

Hurst S, et al. (2024) Assessment of Apple's object capture photogrammetry API for rapidly creating research quality cultural heritage 3D models. PloS one, 19(12), e0314560.

Lamb AM, et al. (2024) Interspecific hybridisation provides a low-risk option for increasing genetic diversity of reef-building corals. Biology open, 13(9).

Tan F, et al. (2024) Late Holocene relative sea-level records from coral microatolls in Singapore. Scientific reports, 14(1), 13458.

Sedrati M, et al. (2024) A Late Pleistocene hominin footprint site on the North African coast of Morocco. Scientific reports, 14(1), 1962.

Hanna L, et al. (2024) Characterizing heterogeneous forest structure in ponderosa pine forests via UAS-derived structure from motion. Environmental monitoring and assessment, 196(6), 530.

Smith DTL, et al. (2024) Prediction accuracy and repeatability of UAV based biomass estimation in wheat variety trials as affected by variable type, modelling strategy and sampling location. Plant methods, 20(1), 129.

Wang B, et al. (2024) IHUP: An Integrated High-Throughput Universal Phenotyping Software Platform to Accelerate Unmanned-Aerial-Vehicle-Based Field Plant Phenotypic Data Extraction and Analysis. Plant phenomics (Washington, D.C.), 6, 0164.

Szczygielski T, et al. (2024) Saurodesmus robertsoni Seeley 1891-The oldest Scottish cynodont. PloS one, 19(5), e0303973.

Nobile F, et al. (2024) Dawn of the Delphinidans: New Remains of Kentriodon from the Lower Miocene of Italy Shed Light on the Early Radiation of the Most Diverse Extant Cetacean Clade. Biology, 13(2).