# Emergency Drone

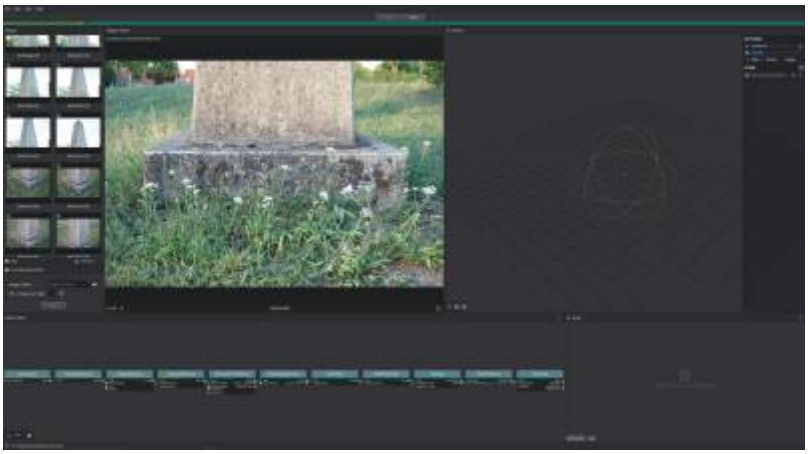
## Mapping

Real-time online mapping with drone images

### Meshroom

- https://github.com/alicevision/meshroom
- https://meshroom-manual.readthedocs.io/en/latest/feature-documentation/core/nodes.html

Meshroom can be used to construct 3D Models from Photos with the help of the “structure from motion”-Method. It is based on the AliceVision Photogrammetric Computer Vision framework. It has the benefit, that it is fairly easy to use for beginners but also has many features for experienced users. The process of reconstructing can be modified. Therefore a graphical interface with a node-based programming feature is provided.



Because Meshroom is made available as an open-source project it can be modified by anyone to meet specific needs.

### AliceVision

- https://alicevision.org/#
- https://alicevision.org/association/#

## Autonomous Surveillance

- Daniel Cremers

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