

CHERE

Cultural HEritage REpository

Mihajlo Savić
University of Banja Luka



CHERE - muzej.info repository

Muzej.info

SIGNED IN AS
Mihajlo Savic

Logout

Search items

Sites

RESOURCES

Items

Media

Item sets

Vocabularies

Resource templates

ADMIN

Users

Modules

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Settings

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MODULES

CSV Import













































Custom Vocab

Items

1 of 20 < > 1-50 of 999

Advanced search

Batch actions Go

<input type="checkbox"/>	Title		Class	Owner
<input type="checkbox"/>	 Trojanac	  	Artefact	Muzej Republike Srpske
<input type="checkbox"/>	 Trojanac	  	Artefact	Muzej Republike Srpske
<input type="checkbox"/>	 Trojanac	  	Artefact	Muzej Republike Srpske
<input type="checkbox"/>	 Naušnica sa šupljim jagodama	  	Artefact	Muzej Republike Srpske
<input type="checkbox"/>	 Naušnica sa šupljim jagodama	  	Artefact	Muzej Republike Srpske
<input type="checkbox"/>	 Naušnica sa šupljim jagodama	  	Artefact	Muzej Republike Srpske
<input type="checkbox"/>	 Naušnica sa šupljim jagodama	  	Artefact	Muzej Republike Srpske
<input type="checkbox"/>	 Naušnica sa šupljim jagodama	  	Artefact	Muzej Republike Srpske
<input type="checkbox"/>	 Naušnica sa šupljim jagodama	  	Artefact	Muzej Republike Srpske
<input type="checkbox"/>	 Naušnica sa šupljim jagodama	  	Artefact	Muzej Republike Srpske
<input type="checkbox"/>	 Lunulasta naušnica	  	Artefact	Muzej Republike Srpske





Naziv unosa

Dlijeto

Opis unosa

Dlijeto je uska alatka sa kratkim sječivom koja je služila za graviranje ili uklinjavanje. Nastala je tako što se pomoću jednog ili više... [MORE](#)

Inventory Number

82/3

Name of the Collection

Zbirka za kameno doba

Code of the Collection

Arheologija / Praistorija

Code of the Artifact

Paleolit

Number of Specimens/Fragments
/Pieces

1

Finding Place-Site of the Artifact

Pećine Klašnice

Settlement

Klašnice, Laktaši

Municipality

Laktaši

Republic

Republika Srpska

Locality

Pećine 2

Era

kameno doba

Culture

srednji paleolit

Period

paleolit

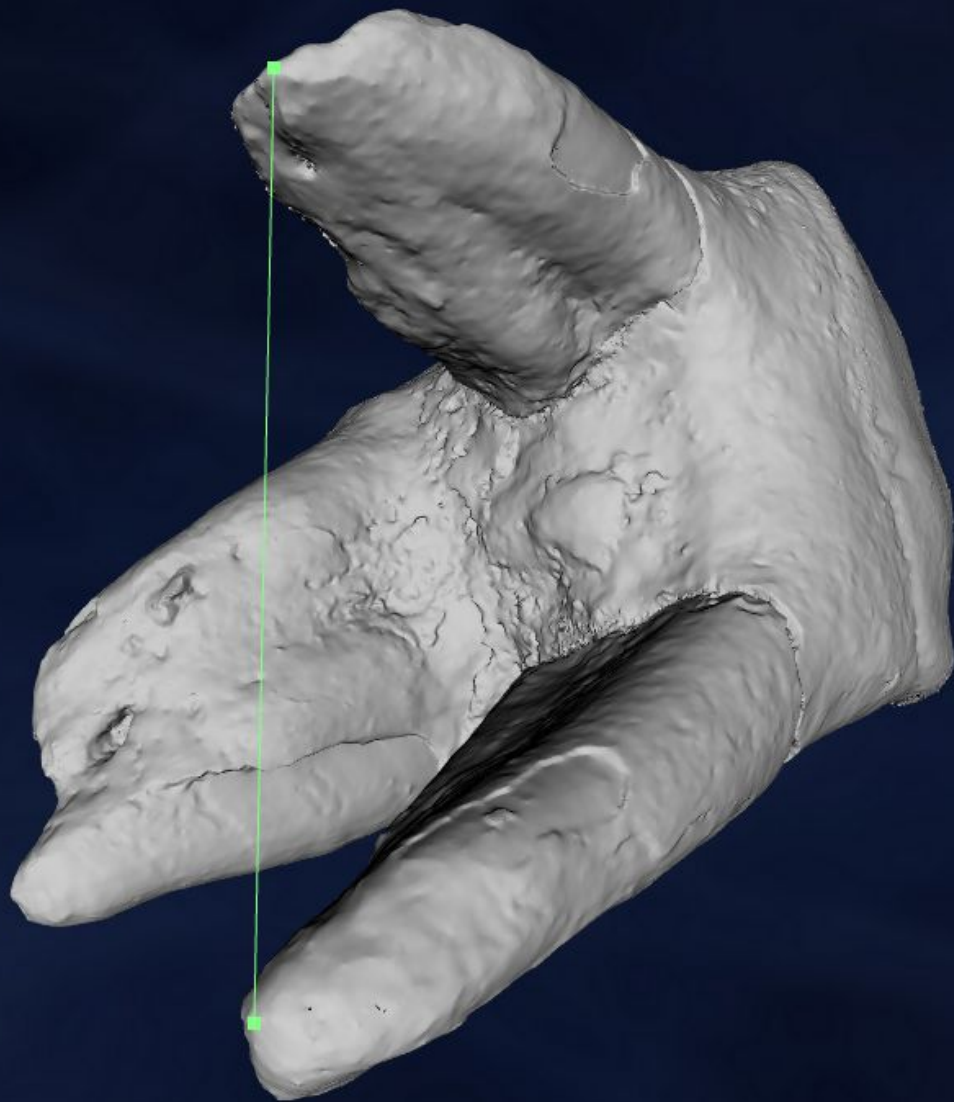


Naziv unosa
Dlijeto
Opis unosa
Dlijeto je uska alatka sa kratkim sječivom koja je služila za graviranje ili uklinjavanje. Nastala je tako što se pomoću jednog ili više... MORE
Inventory Number
82/3
Name of the Collection
Zbirka za kameno doba
Code of the Collection
Arheologija / Praistorija
Code of the Artifact
Paleolit
Number of Specimens/Fragments /Pieces
1
Date of Creation
paleolit
Place of Creation
Pećine Klašnice
Bibliographic Citation
Arheološki dnevnik paleolitskih istraživanja, Ivana Pandžić, JU Muzej RS, Banja Luka, 2014
Artifact Format Description
lateralno jednostruko dlijeto na retuširanom sječivu velikih dimenzija
Collection Date
2007
Finding Place-Site of the Artifact
Pećine Klašnice

Finding Place-Site of the Artifact
Pećine Klašnice
Settlement
Klašnice, Laktaši
Municipality
Laktaši
Republic
Republika Srpska
Locality
Pećine 2
Era
kameno doba
Culture
srednji paleolit
Period
paleolit
Method of Accrual
iskopavanje
Circumstances of Accrual
iskopavanje
Storage Room
arheološki depo
Storage Cabinet
polica Kameno doba
Photograph
Drago Vejnović
Processed by
Ivana Pandžić i Ivana Jovanović
Display Data
Kameni svijet ledenog doba, Muzej RS, Banja Luka, 23/04/2014 - 26/02/2015; "Paleo Kai?" Regionalni



Measured length
31.05



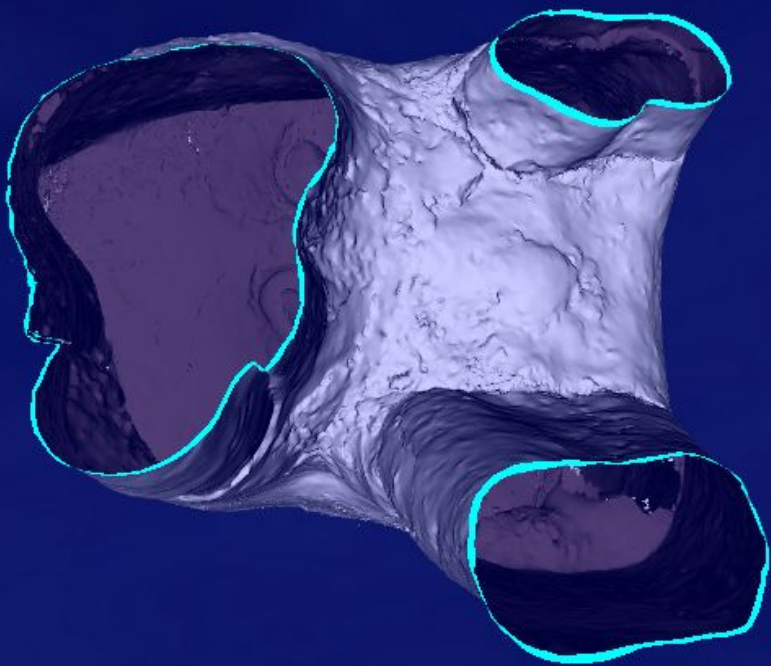


Measured length
0.0



Plane	Position	Flip
	<input type="text"/>	<input type="checkbox"/>
	<input type="text"/>	<input type="checkbox"/>
	<input type="text"/>	<input checked="" type="checkbox"/>

Show planes Show edges



What about bigger objects?



11230063.JPG



11230064.JPG



11230065.JPG



11230066.JPG



11230067.JPG



11230068.JPG



11230069.JPG



11230070.JPG



11230071.JPG



11230072.JPG



11230073.JPG



11230074.JPG



11230075.JPG

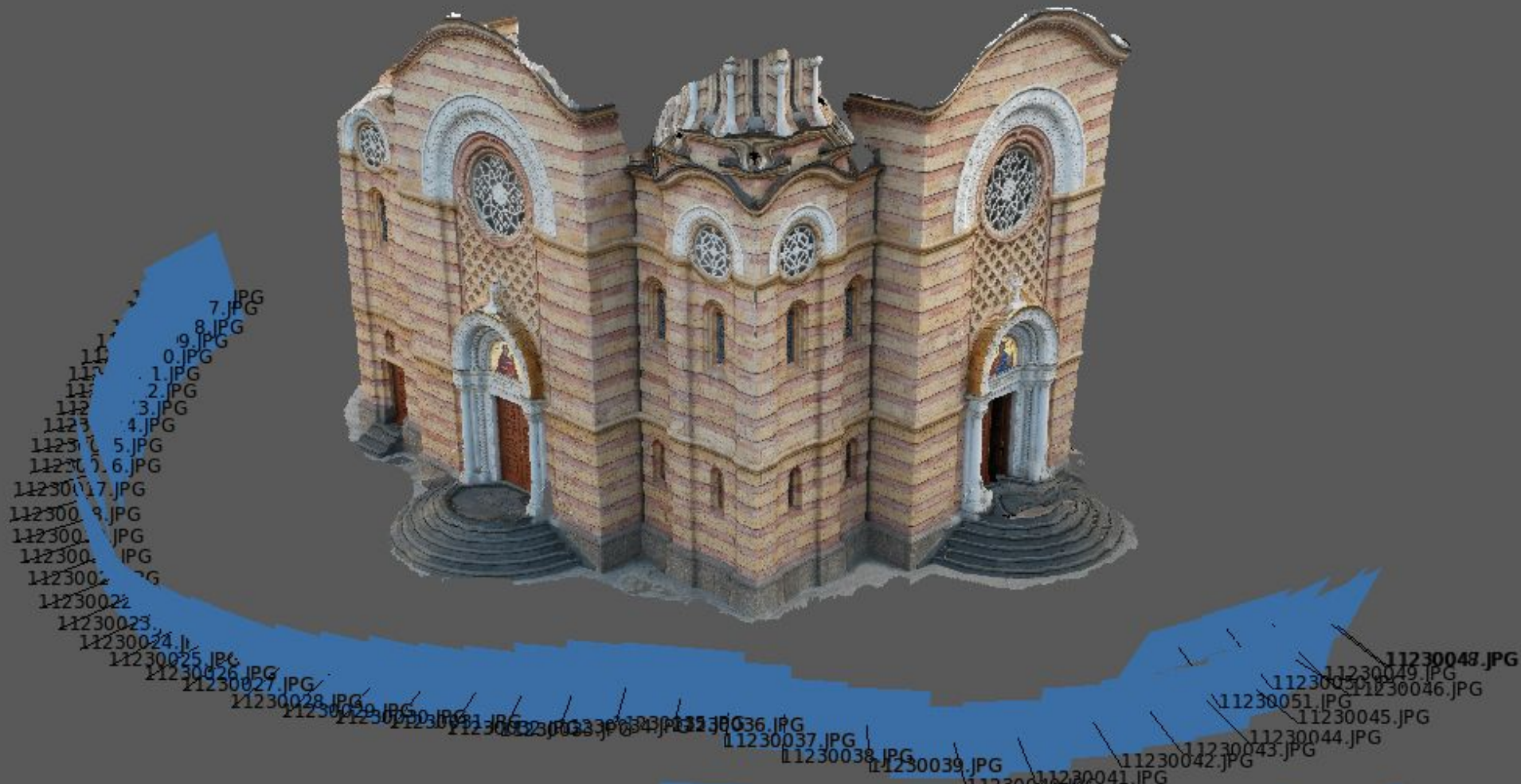
Structure from Motion

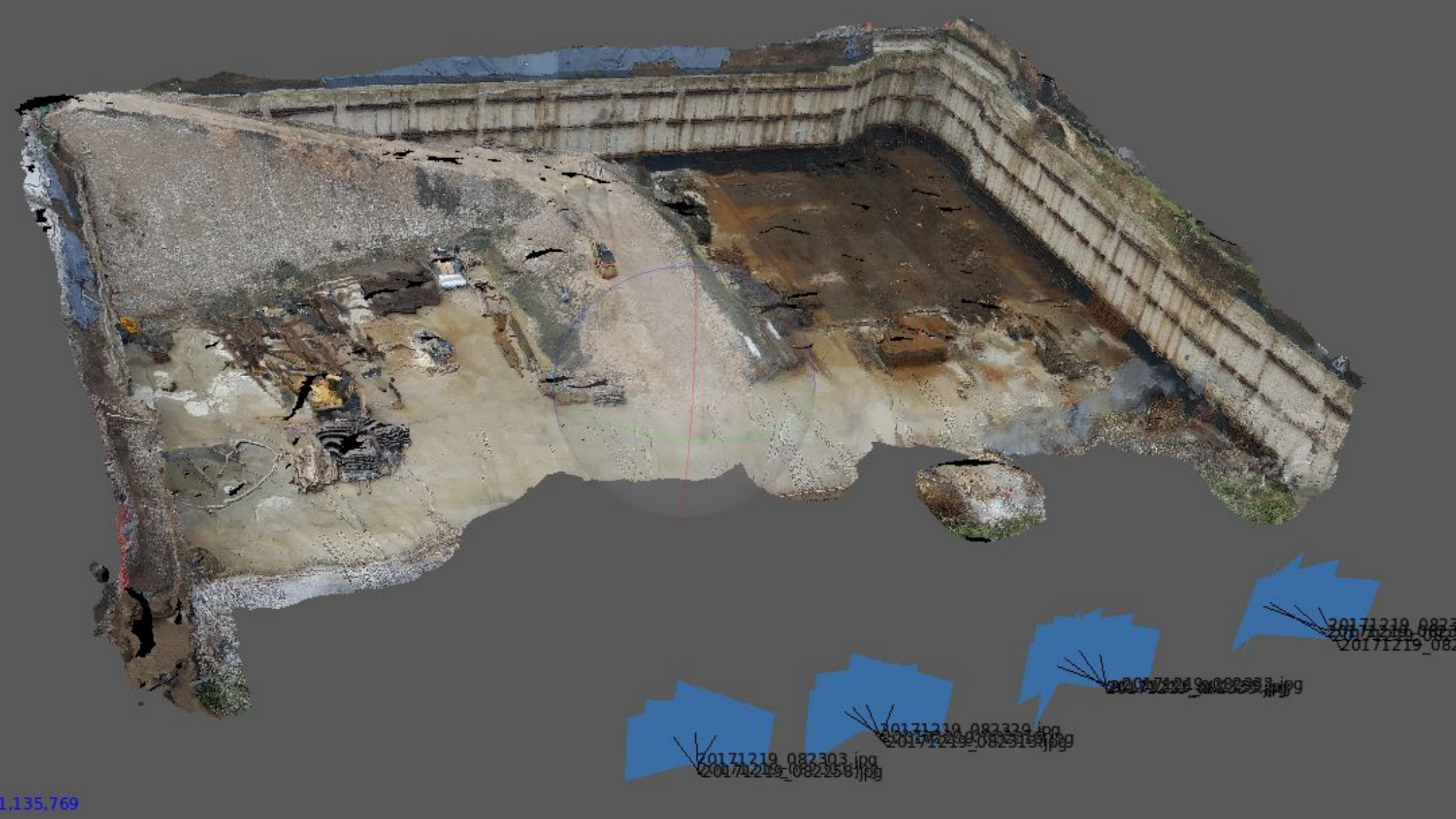


Structure from Motion



How much bigger?





20171219_082310.jpg
20171219_082311.jpg
20171219_082312.jpg

20171219_082331.jpg

20171219_082339.jpg
20171219_082340.jpg

20171219_082303.jpg
20171219_082358.jpg

CHERE Tools









Projects

[Create Project](#)[Advance Search](#)

 Projects

Showing 1-4 of 4 items.



#	Name	Description	Processing status	Processing Status At	Public	
		<input type="text"/>				
1	Stone monument	This project is a demonstration of structure from motion reconstruction of 3D object from a series of 2D images (photos) of the object. This demo uses a set of photographs made in Banja Luka.	processing	2022-01-29 17:37:32	Private	 
2	Monument to Ban Lazarevic	SfM reconstruction of monument to Ban Lazarevic. Set of 32 20 MP photographs.	finished	2022-01-29 14:21:44	Private	 
3	Monument to Ban Lazarevic #2	SfM reconstruction of monument to Ban Lazarevic. Set of 38 20 MP photographs.	none	<i>(not set)</i>	Private	 
4	Remote presentation of CHERE Tools	Remote presentation of CHERE Tools. Presented in November 2021 to final year students.	finished	2022-01-29 09:26:15	Private	 

Create Project

Type *

Structure from Motion - generate 3D model from a series of photos



Structure from Motion - generate 3D model from a series of photos

Convert BigBlueButton meeting recordings to single downloadable MP4

Description

Public

No, the project is private



Select input files

No files selected.

Create

Cancel

[Home](#) / [Projects](#) / Stone monument

Stone monument

[Start processing](#)[Update](#)[Delete](#)

Type	Structure from Motion - generate 3D model from a series of photos
Name	Stone monument
Description	This project is a demonstration of structure from motion reconstruction of 3D object from a series of 2D images (photos) of the object. This demo uses a set of photographs made in Banja Luka.
Public	Private
Processing status	ready for processing
Processing timestamp	Not processing

Project files

File name	File size [B]	Action	Delete
Input files			
/input/11230061.JPG	9,366,525	View Download	Delete file
/input/11230062.JPG	9,296,248	View Download	Delete file
/input/11230063.JPG	8,932,943	View Download	Delete file
/input/11230064.JPG	9,352,731	View Download	Delete file
/input/11230065.JPG	9,795,030	View Download	Delete file

Stone monument

[Update](#)[Delete](#)

Type	Structure from Motion - generate 3D model from a series of photos
Name	Stone monument
Description	This project is a demonstration of structure from motion reconstruction of 3D object from a series of 2D images (photos) of the object. This demo uses a set of photographs made in Banja Luka.
Public	Private
Processing status	finished
Processing timestamp	2022-01-29 16:47:11

Project files

File name	File size [B]	Action	Delete
Output files			
/output/model.nxs	7,095,296	Measure View Download	Delete file
/output/model.obj.tgz	11,374,068	View Download	Delete file
/output/model.ply	4,322,916	Measure View Download	Delete file
Logfiles			
/output/sfm.log	30,359	View Download	Delete file
/output/sfm.status	879	View Download	Delete file
Input files			
/input/11230061.JPG	9,366,525	View Download	Delete file

Measure 3D model in browser



Measure	
w	0.00
h	0.00
d	0.00
a1	1.06
a2	0.51
a3	0.7
a4	0.00
a5	0.00
a6	0.00
a7	0.00
l1	0.00
l2	0.00
l3	0.00
l4	0.00
l5	0.00
l6	0.00
l7	0.00



POV: 44.6
FPS: 46.7
BO: RENDERING

Mesh: sfm.obj
Vertices: 104,399
Faces: 204,019
Selection: v: 0 f: 0
FC WT

OpenDroneMapper support

[Home](#) / [Projects](#) / ODM minefield

ODM minefield

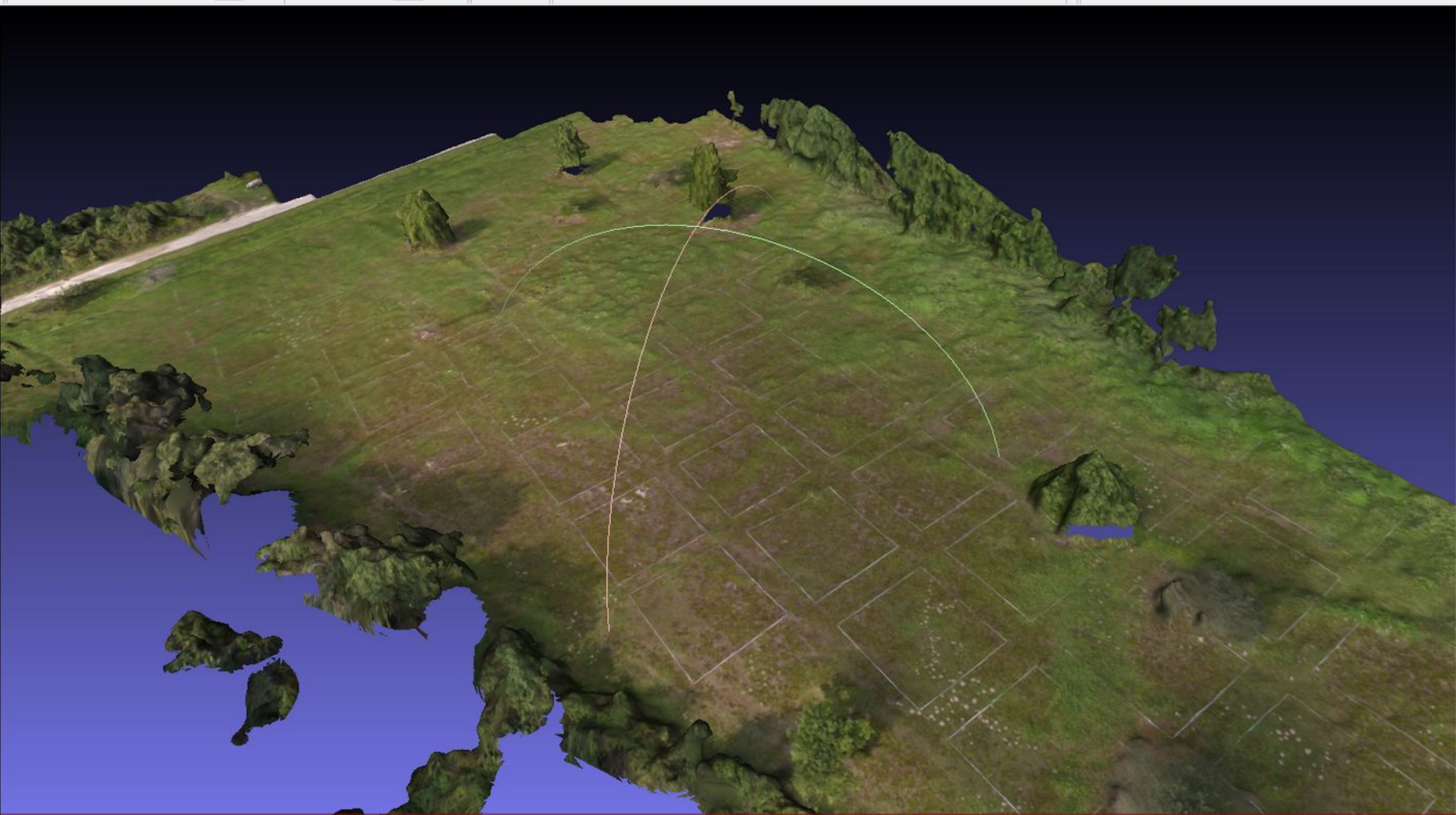
Update

Delete

Type	OpenDroneMapper - generate 3D model of the ground from a series of photos
Name	ODM minefield
Description	Minefield test for OpenDroneMapper reconstruction
Public	Private
Processing status	finished
Processing timestamp	2022-04-13 14:51:18

Project files

File name	File size [B]	Action	Delete
Output files			
/output/odm_orthophoto.tgz	62,881,312	View Download	Delete file
/output/odm_texturing.tgz	66,140,303	View Download	Delete file



FOV: 60
FPS: 88.5
BO_RENDERING

Mesh: odm_textured_model_geo.obj
Vertices: 185,416
Faces: 317,762
Selection: v: 0 f: 0
FC WT

Can we mix some more?

- We have a museum digital repository
 - We can search the repository by text
 - But it also contains a lot of images
- We have a neural network image classifier
 - We can label and classify aerial images (rs2c.etfbl.net)
- It would be nice to have a "visual" image search
 - But integrated with the museum repository

CHERE Visual Search

Cultural Heritage Repository - CHERE Tools - Visual Search

Upload an image for visual search

Browse... cervena2.jpg

Search



Visual Search Results

Click on the image for more information about the item



SFR Jugoslavija 1990. UNOS

Naziv unosa

SFR Jugoslavija 1990.

Narodni naziv

10 dinara

Naziv zbirke

Katalog papirnog novca

Pogledajte sve Unosi s ovom vrijednošću

Vrijeme nastanka

1990-09-01

Pogledajte sve Unosi s ovom vrijednošću

Mjesto nastanka

Beograd

Pogledajte sve Unosi s ovom vrijednošću

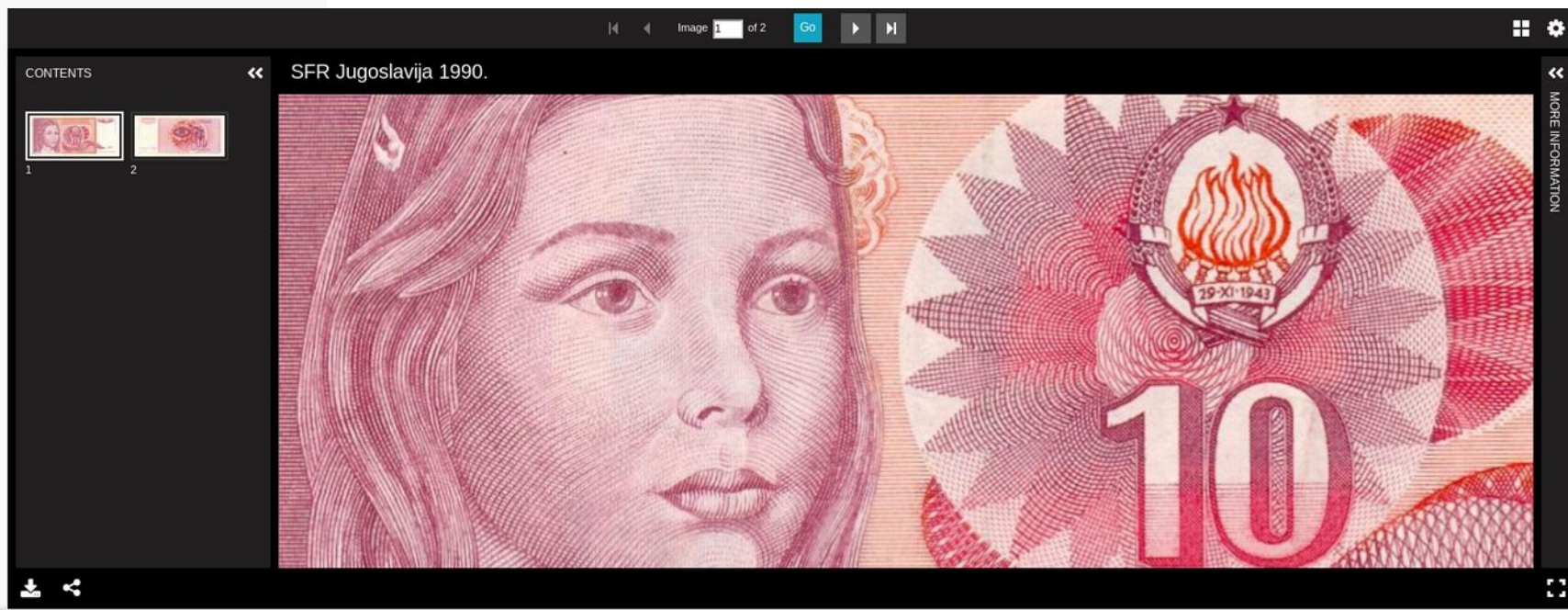
Širina predmeta

0,066 m

Dužina predmeta

0,14 m

- chere.etfbl.net/visual-search
- More information for each image from the museum repository (muzej.info)



Any

Questions?