

Search digitized cartographic materials on the example of the TEMAP project

Eva Novotná

Map collection, Charles University in Prague

2015, Corfu



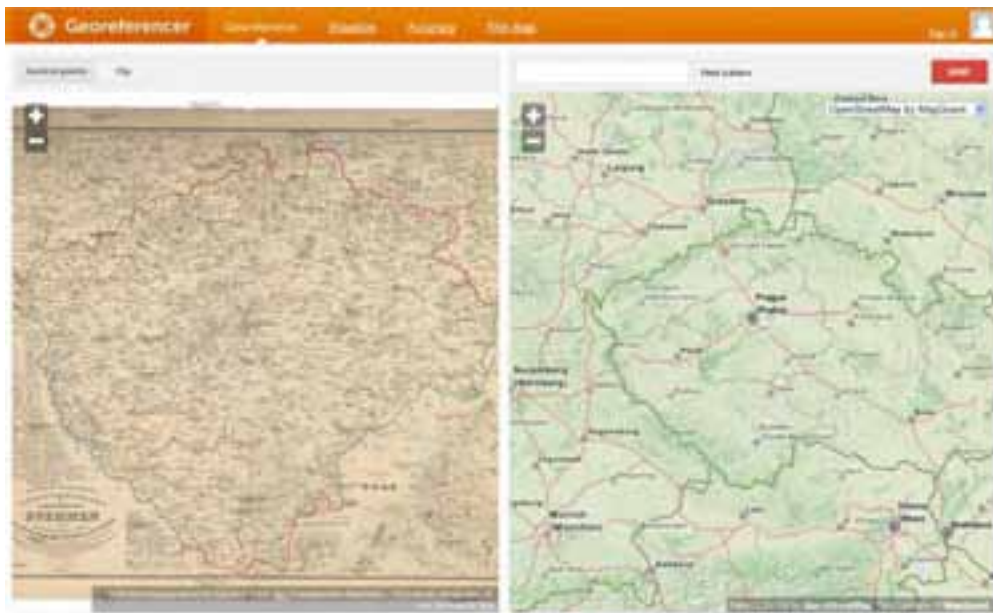
Presentation outline

- Temap project
- Descriptive metadata
- Accessibility in catalogues
- Accessibility in repository
- Web presentations
- Search and barriers
- Data export and barriers
- Geographical search and barriers
- Conclusion

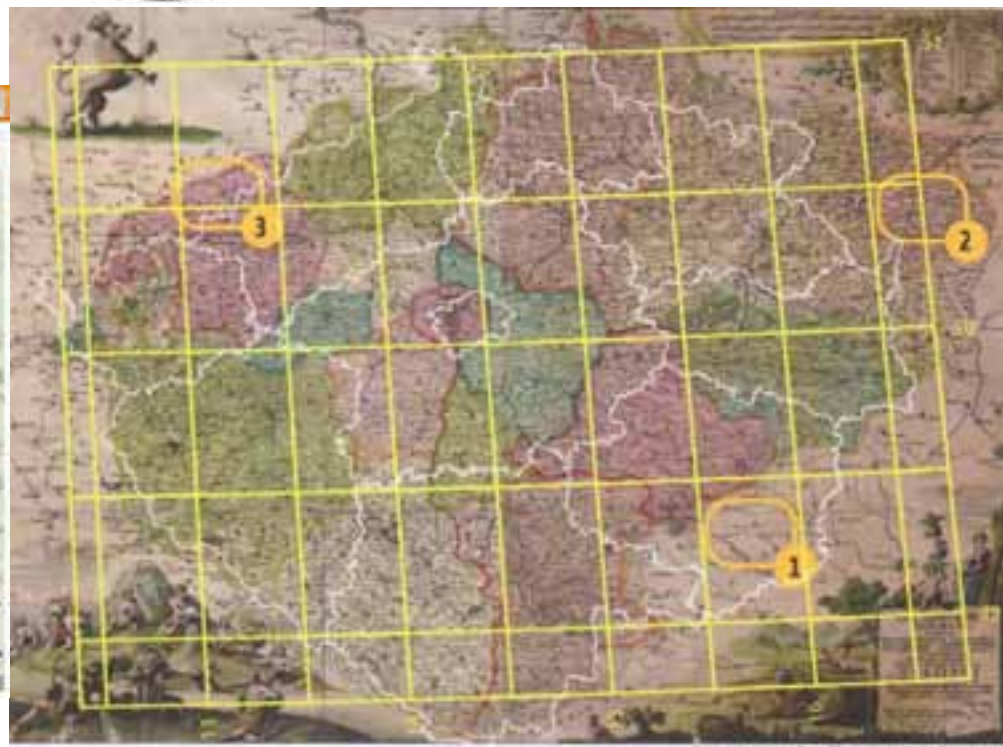
TEMAP project

50,000 bibliographic records have been catalogued

45,000 maps, 90 atlases, 6 globes were digitized



Georeferencer



Software detecting unknown cartographic projection

Cartographic documents description



FMT	MP
PSP	a ER
LDR	-----nem-a22-----4500
001	001368688
003	CZ-PrCU
005	20111014194747.0
007	aj aa
008	110711s1564----xx-----a----- - -ita-d
0340	d E0193608 e E0200935 f N0395752 g N0391854
040	a ABD065 b cze c ABD065
072 7	a 094 x Staré tisky 2 Konspekt 9 12
072 7	a 912 x Mapy. Atlasy 2 Konspekt 9 7
080	a 094:912.43 x (495) 2 MRF
24500	a Vogliono alcuni che l'Isola di Corfú fosse prima da Sisifo latrone figliolo di Eolo habitata, et domandata da lui Corcira h [kartografický dokument] : b la quale dopo la sua morte essendo stata rovinata, di nouo la restauro Corinto figliolo di Oreste, donde prese il nome di Corinto, et appresso fú detta Malena, hoggi da tutti é detta Corfú : la quale, come siuede nel disegno diligente fatto, si come hoggi si troua in essere, con tutte le sue ville, fiumi, porti, monti, secchi, et altre cose, é di figura oblonga, et é lontana dalla Italia per miglia sessanta, et da Epiro miglio uno per un capo, et per l'altro miglia venti, la sua longhezza é di miglia quara[n]ta in circa, et circo[n]da quasi trecento miglia / c Fer[n]a[n]do Berteli exc.
2462	a Vogliono alcuni che l'Isola di Corfú fosse prima da Sisifo latrone figliolo di Eolo habitata, et domandata da lui Corcira : b la quale dopo la sua morte essendo stata rovinata, di nouo la restauro Corinto figliolo di Oreste, donde prese il nome di Corinto, et appresso fú detta Malena, hoggi da tutti é detta Corfú : la quale, come siuede nel disegno diligente fatto, si come hoggi si troua in essere, con tutte le sue ville, fiumi, porti, monti, secchi, et altre cose, é di figura oblonga, et é lontana dalla Italia per miglia sessanta, et da Epiro miglio uno per un capo, et per l'altro miglia venti, la sua longhezza é di miglia quara[n]ta in circa, et circo[n]da quasi trecento miglia

Basic standards:

AACR2/R, new RDA rules,
ISBD (CM), ISBD (A), format MARC 21

3 employees: annually
11,000 bibliographic records

255	a Měřítko neuvedeno c (019°36'08" v.d.--020°09'35" v.d./039°57'52" s.š.--039°18'54" s.š.)
260	a [S.l.] : b Fer[n]a[n]do Berteli, c 1564
300	a 1 mapa : b čb. mědiryt ; c 36,4 x 26,8 cm na listu 37,4 x 27,2 cm
65004	a regionální mapy
651 7	a Korfu, ostrov (Řecko) 7 ge138038 2 czenas
655 7	a staré tisky 7 fd422076 2 czenas
7001	a Bertelli, Ferdinando, d činný 1556-1572 7 uk2011665091 4 pbl
85641	u http://digitool.is.cuni.cz/R/?func=dbin-jump-full&object_id=838004 y Zobrazení plného textu (Digitální archiv UK)
903	a RP
910	a ABD065

interchange format MARC 21

Metadata MIX

```
<?xml version="1.0" encoding="UTF-8"?>
<mix xsi:schemaLocation="http://www.loc.gov/standards/mix/mix20 mix20.xsd" xmlns:xsi="http://www.w3.org/2001/
XMLSchema-instance" xmlns="http://www.loc.gov/mix/
v20"><BasicDigitalObjectInformation><ObjectIdentifier><objectIdentifierType> Univerzita Karlova, Přírodovědecká
fakulta, Mapová sbírka</objectIdentifierType><objectIdentifierValue>D1/184/9</objectI
<ScannerCapture><scannerManufacturer>ProServ</scannerManufacturer>
<ScannerModel><scannerModelName>ScannTech</scannerModelName><scannerModelNumber>401i</
scannerModelNumber></ScannerModel>
<MaximumOpticalResolution><xOpticalResolution>400</xOpticalResolution><yOpticalResolution>400</
yOpticalResolution></MaximumOpticalResolution>dentifierValue></ObjectIdentifier>
<ObjectIdentifier>
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dateTimeProcessed><sourceData>D1_00184_00009_3233271572.tif</sourceData><processingAgency>Věra Fialová -
MICRONA, Jungmannova 950, Kuřim</processingAgency><processingRationale>TIFF to GEOTIFF transformation</
processingRationale>
<ProcessingSoftware><processingSoftwareName>Adobe Photoshop CS5</processingSoftwareName></
ProcessingSoftware>
<ProcessingSoftware><processingSoftwareName>MicroStation PowerDraft V8i</processingSoftwareName></
ProcessingSoftware><processingActions>Format migration from TIFF to GEOTIFF</processingActions></
ImageProcessing>
```

TEMAP II - testy pro zápis... Možné nosné části MAX II... překladač - Hledat Google... Bach & Zelenka: Jan D... Katalog Mapové sbírky... CKIS - Search Results

chil.cuni.cz/F/SCQRBKTBRIJNTWIKXHPYKHFBH4SSDUMQTM52RCDNGCPT-21857?func=find-a&find_code=WFD/REQUEST=&request_op... katalog mapové sbírky

CKIS NOT SIGNED IN

Centrální katalog Univerzity Karlovy v Praze

» Login CU user » Login external user » End Session » Preferences » Databases » Feedback » Help

» Search » Results List » Previous Searches » My e-Shell

Selected records: » View Selected » Save/Mail » Create Subset » Add to My e-Shell » Save on Server
 Whole set: » Select All » Deselect » DOI Request » Refine » Rank » Filter

Results for W-subjects= korfu and W-sublibrary= MAP; Sorted by: Year (descending)/Author

Sort options: » Author/Year(d) » Author/Year(a) » Year(d)/Author » Author/Title » Title/Year(d) » Title/Year(a) » Year(d)/Title

Records 1 - 20 of 27 (max. display&sort is 10000 rec.)

Jump to Text

Jump to #



Previous Page




Next Page

#	Cover	Author	Title	Year	Type	Library(no.of items)	Ext. Link
1	<input type="checkbox"/>	Německo. Hauptvermessungsabteilung XIV	38°40' Korfu [kartografický dokument] = 38°40' (Kerkira) / herausgegeben von der Hauptvermessungsabteilung XIV.; [Militärgeographisches Institut]	1940		ScF Map collection(1/ 0)	Zobrazení plného textu (Digitální archiv UK)
2	<input type="checkbox"/>	Rakousko. Kartographisches Institut	38°40' Korfu [kartografický dokument] = 38°40' (Kerkira) / Kartographisches, früher Militärgeographisches Institut	1927		ScF Map collection(1/ 0)	Zobrazení plného textu (Digitální archiv UK)
3	<input type="checkbox"/>	Nimmerfroh, J.	Elbasan, Argyrokastron, Janina, Korfu, Philataes, D. 6, [kartografický dokument] / Schrift u. Groppe v. J. Nimmerfroh, Terrainschraffierung v. K. Wohlslein	1918		ScF Map collection(1/ 0)	Zobrazení plného textu (Digitální archiv UK)
4	<input type="checkbox"/>	Rakousko-Uhersko. Militärgeographisches	Elbasan, Argyrokastron, Joannina, Corfu, Philataes, D.6, [kartografický dokument] / K. u. k.	1918		ScF Map collection(6/ 0)	Zobrazení plného textu (Digitální archiv UK)

GEO BIBL - Full View of Record

oai:cuni.cz:1/3/2/M25A4V2/2Z/MGK8RFDV955LRC75508E/MAMDA3X3_45821?acc=full-see-what-number=014551&act_entry=0000442

Feedback Help  

 **Czech geographical bibliography online**  **UJEP** 



» Search » Results List » Previous Searches » e-Shelf » Info » Preferences

» Add to My e-Shelf » Save/Mail

Full View of Record

Select format: Standard format Catalog card Short record MARC21 tags



Record 4 of 23

Record Number	000155475
Main Entry	Fabricius, Pavel, 1519-1589
Title	Moraviae, quae olim Marcomannorum sedes conopodicae nunc quibusdam correctae. : [Abraham Ortelius]
Imprint	[Antverpy : Abraham Ortelius, 1580]
Descr.	1 mapa : kolor. ; 34 x 46 cm na listu 43 x 54 cm
Gen. Note	Zobrazena moravská orlice Rukopisná poznámka o autorovi a datach na okraji Na rubu listu tištěný text o Moravě s číslem strany
Add. Entry	Ortelius, Abraham, 1527-1598
Electronic Location	Zobrazení plného textu (Digitální archiv UK)
Subject	regionální mapy
Geograph.name	Morava (Česko)
Genre	staré tisky
Related	CKIS
Format	MP
Citation	FABRICIUS, Pavel a ABRAHAM ORTELIUS. Moraviae, Česna ISO 690  cítace 

Mets Viewer - Mozilla Firefox

oai:cuni.cz:1/3/2/M25A4V2/2Z/MGK8RFDV955LRC75508E/MAMDA3X3_45821?acc=full-see-what-number=014551&act_entry=0000442



ExLibris [Digital](#) - Resource Discovery

Obnov Help Print Save  Send 

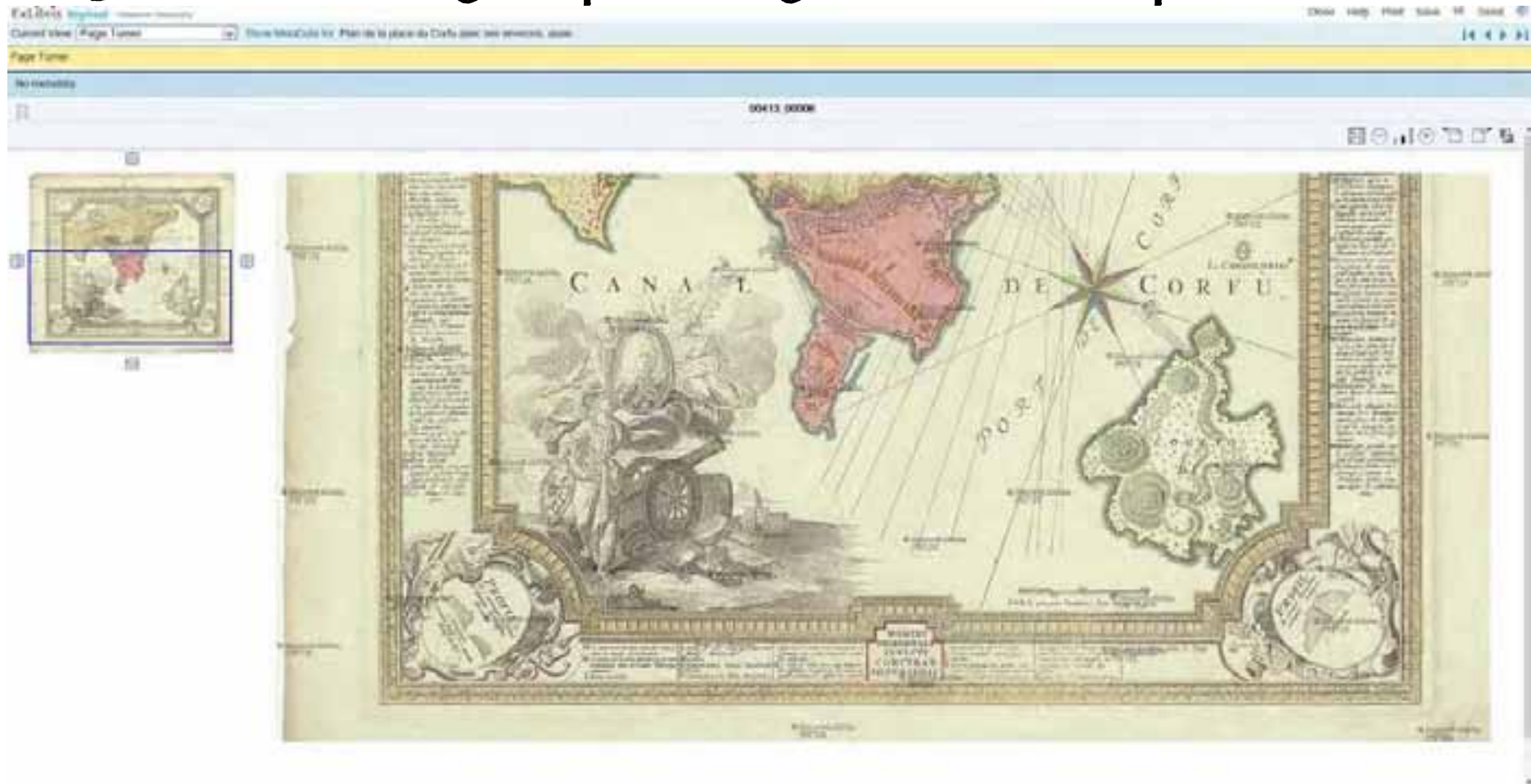
Current View: [physical](#) Show MetaData for: Moraviae, quae olim Marcomannorum sedes conopodicae...

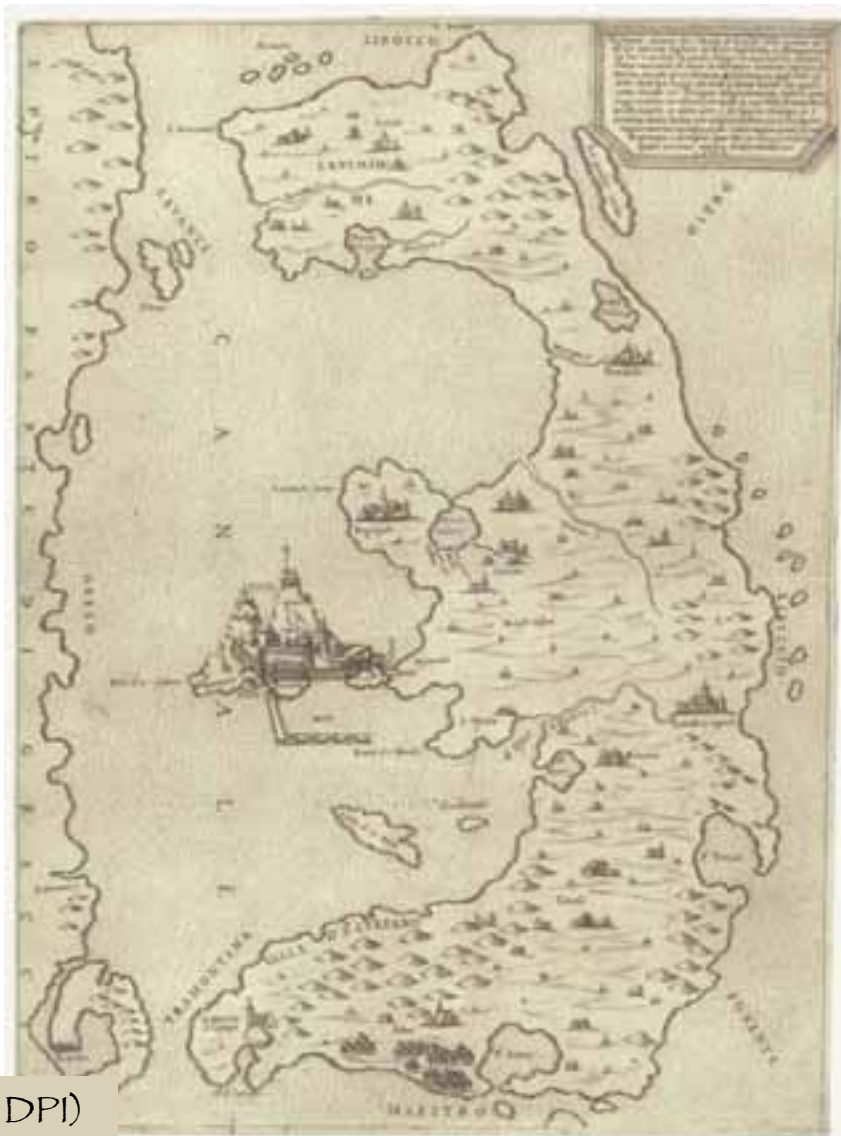
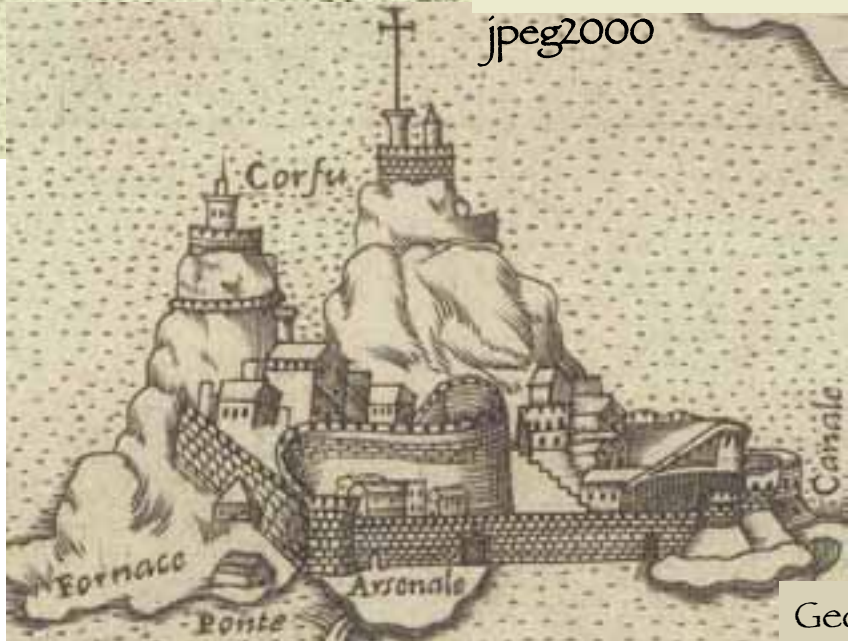
No metadata

00248_00016

Digital University Repository: 45,000 maps





GeoTiff (400 DPI)

HOME PAGE

Map Collection of the Faculty of Science of Charles University contains **88 globes, atlases and an auxiliary website** (born in 2015), including 28 new specimens. The globes are being made accessible in the public aspect of the WWW project for this reason, a separate website has been created for the globes of the Map Collection of the Faculty of Science of Charles University.

The website offers both descriptive and visual information on the globe set, in particular, it provides those (descriptive) virtual models of selected globes in various formats.

The website will further be developed and gradually extended to include other virtual 3D presentations of the globes.

The website pages have been translated for the internet Explorer 10. Problems may occur if other browsers are used! Mozilla Firefox may also be used in combination with! Mozilla Firefox and Internet Explorer.

View of the gallery and virtual gallery

2D Gallery

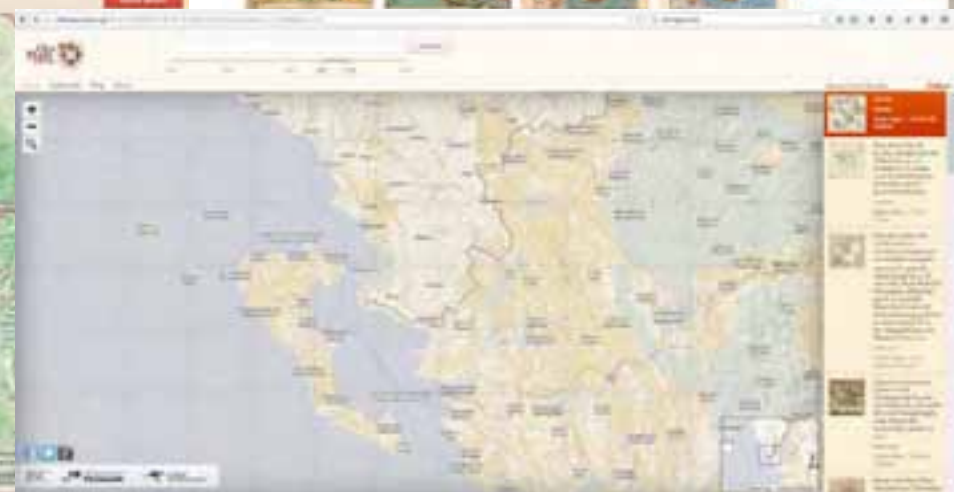
3D Gallery

VÍTĚSTE NA WEBU

Profesora RNDr. Karla Kuchaře

Tento portál je věnován významnému předchůdci tzv. altmetrické školy, jakž tak a jeho byly postavené na území a filozofické jeví zejména v Rámcové skříně PIV 18 v Praze.

Pro každý z mapy, které vznikl jako součástí této školy, máme také portál. Kvalitní geografické atlasy, které byly jeho, profesor Karel Kuchař vydal.



Search and barriers

Record Number

001633954

Author



Rakousko-Uhersko. Militärgeographisches Institut

Title

Elbasan, Argyrokastron, Joannina, Corfù, Philiaates. D.6. [kartografický dokument] / K. u. k. Militärgeographisches Institut ; Schrift u. Gerippe v. J. Nimmerfroh, Terrainschraffirung v. K. Wohlstein

FMT MP

LDR -----nem-a22-----4500

001 001633954

003 CZ-PrCU

005 20131029152218.0

007 aj|c| | | |

008 131029s1918----au-----a-----|---ger-d

0341 |a a |b 750000 |d E0185824 |e E0222811 |f N0413144 |g N0392003

040 |a ABD065 |b cze |c ABD065

080 |a 623:912.43 |x (495)+(496.5) |2 MRF

255 |a Měřítko 1:750 000 |c (018°58'24" v.d.--022°28'11" v.d./041°31'44" s.š.--039°20'03" s.š.)

300 |c 33 x 39 cm na listu 44 x 51 cm

910 |a ABD065

Other Title

Übersichts-Karte von Mittel-Europa

Imprint

[Vídeň] : K. u. k. Militärgeographisches Institut, [1918?]

Descr.

1 mapa : barev. ; 33 x 39 cm na listu 44 x 51 cm

Series

[Die Franzisco-Josephinische Landesaufnahme] 1:750 000

Add.Entry

Nimmerfroh, J.
Wohlstein, K.

Gen. Note

Částečně opraveno k 2. 4. 1918

Electronic Location

Zobrazení plného textu (Digitální archiv UK)

Geograph. name

Elbasan (Albánie : oblast)
Gjirokastër (Albánie : oblast)
Ioánina (Řecko : oblast)
Korfu (Řecko : ostrov)

Genre

topografická mapová díla
vojenské mapy

Conspectus

623 - Vojenská technika
912 - Mapy. Atlasy. Glóby

UDC

623:912.43(495)+(496.5)

Search after data export and barriers



Object	
Record number	000019520
Title	Vogliono alcuni che l'Isola di Corfù fosse prima da Sisifo latrone figliolo di Eolo habitata, et domandata da lui Corcira (kartografico) dokument; la quale doppo la sua morte essendo stata ruinata, di nouo la restaura Corinto figliolo di Oreste, donde prese il nome di Corinto, et appresso fu della Malena, hoggi da tutti è detta Corfù : la quale, come siuede nel disegno diligente fatto, si come hoggi si troua in essere, con tutte le sue ville, fiumi, porti, monti, secchi, et altre cose, è di figura oblonga, et è lontana dalla Italia per miglia sessanta, et da Epero miglio uno per un capo, et per l'altro miglia uenti, la sua lunghezza è di miglia quara[n]ta in circa, et circo[n]da quasi trecento miglia / Fer[ri]n[do] Bertelli exc.
Subject	regionāni mazy 094.912.43 094.912.43
Publisher	Fer[ri]n[do] Bertelli
Contributor	Bertelli, Fernando
Date	1664
Type	staré tsiky
Bookcariable URL	http://hdl.handle.net/http://distant.is.cuni.cz/R/?func=direct&func=full&object_id=838004&site=library:GEN01
Format-Extent	1 mapa :
Coverage-Spatial	Corfù, ostrov (Řecko)
Coverage-Spatial	Měřítko neuvedeno

Geographical search and barriers

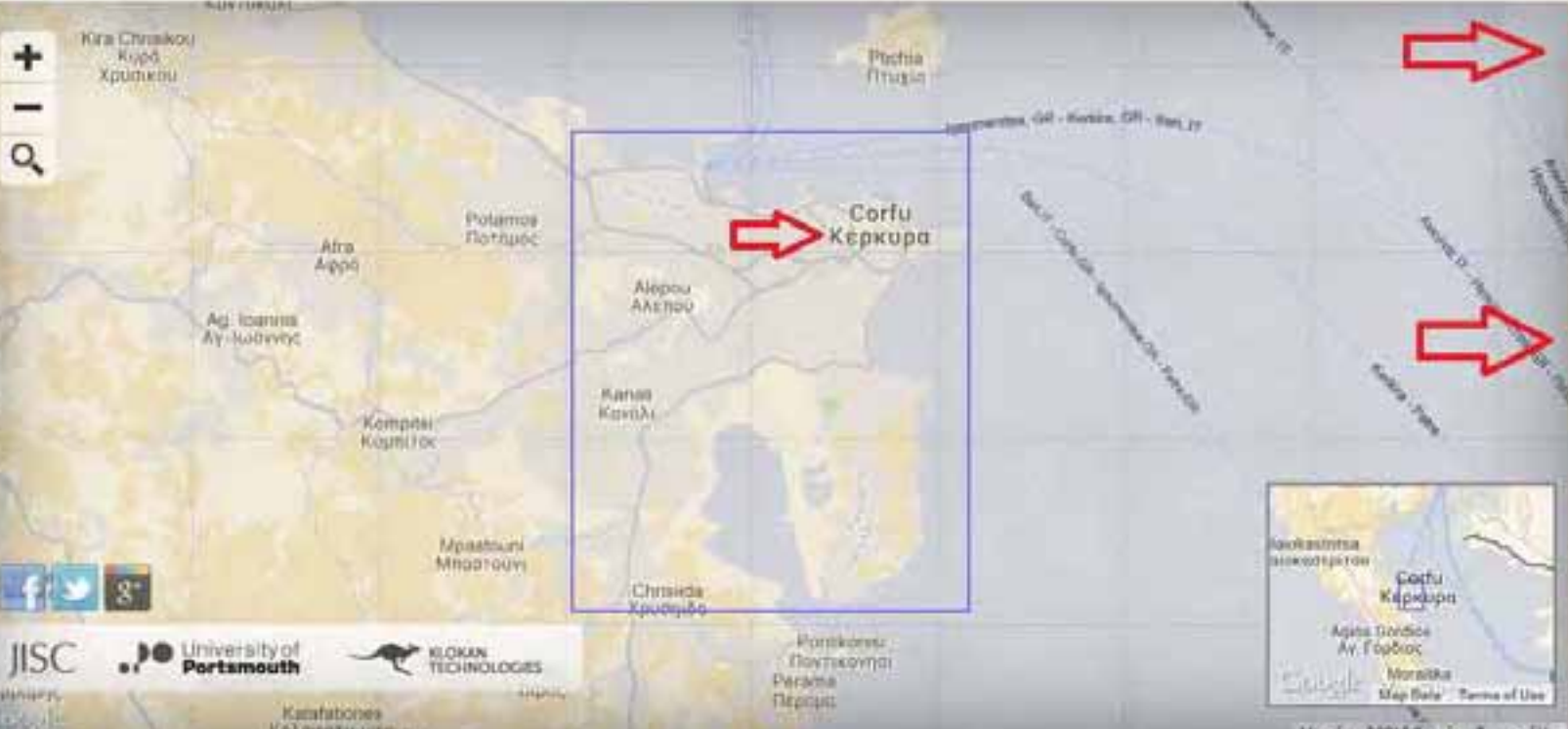




korfu Search

1600 1700 1800 1900 2000

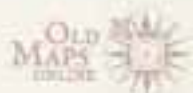
Search Collections Blog About



Instant Search Results

-  Plan de la ville de Corfu, assiégée par les Turcs avec 35 000 hommes le 21 août. 1718 et extrêmement défendues par le general Schuyrent
1650-1870 - Sicil. Vues
-  Carte de l' Albanie
1841 -
-  Die Ionische oder Siebeninsel Republik
1818-1830 - Giefisch
-  Græciæ
1817-1845 - St. Davis
-  Heβaλ Thessalia Epipw





100%

Centre

PLAN DE LA VILLE DE CORFU, ASIEGÉE PAR LES TURCS AVEC 35 000 HOMMES LE 21 AOUST. 1716 ET EXTREMEMENT DEFENDUES PAR LE GENERAL SCHUYTENT

[View this map](#)



Date: 1716-1716
Date of publication: 1716-1716
Map scale: 1:125 000
Creator: Visschers, Nicolaus
Contributor:
Publisher: Nicol. Visscher

[More in the catalogue or on the website](#)



IISC | Universitäts- und Landesbibliothek Bonn

Free Stock Photos

Previous Next Zoom

Plan de la ville de Corfu, assiégée par les Turcs avec 35 000 hommes le 21 août 1716 et extrêmement défendue par le général Schuytent

1716

1716-1716

1:125 000

Nicolaus Visschers

Nicol. Visscher

- Carte de l'Albanie 1681-1681
- The Jurembe eden Religion des Indes 1681-1681
- Gravelle 1681-1681
- Helle Thessalie 1681-1681

Conclusion

- Analysis shows - a loss of information
- number of barriers
- optimal to use numeric notations
- map search engines allow limited search possibilities
- toponyms are not validated
- it is necessary to return to the catalogues
- ideal would be to improve full text and full image search
- detailed indexing of each map and its legend
- linking the search of coordinates with the subject description
- the users have to manage with the compromise
- maximum bibliographic record, limited metadata and map search engine

Thank you for your contribution

- Eva Novotná
- novotn48@natur.cuni.cz
- <http://www.temap.cz>
- <http://www.mapovasbirka.cz>
- <http://www.geobibline.cz/>
- <http://www.staremapy.cz>
- <http://www.oldmapsonline.org>

