

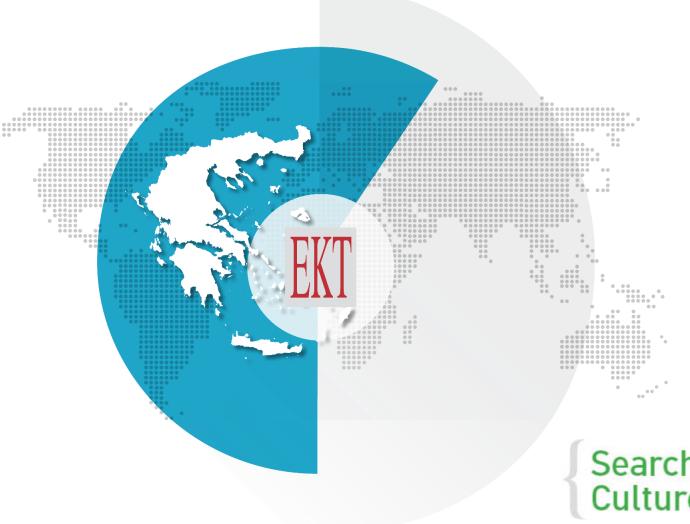
Search Culture.gr

Enriching the Greek National Cultural Aggregator with Key Figures in Greek History and Culture: Challenges, Methodology, Tools and Outputs

Agathi Papanoti | Archaeologist / Information specialist, MA







National Documentation Centre in Greece

"We collect, aggregate, organise, document, disseminate and preserve the national scientific and cultural output, content and data that is being created in Greece"

Search Culture.gr

national aggregator for cultural content

NATIONAL **DOCUMENTATION** CENTRE | EKT

Search Culture.gr

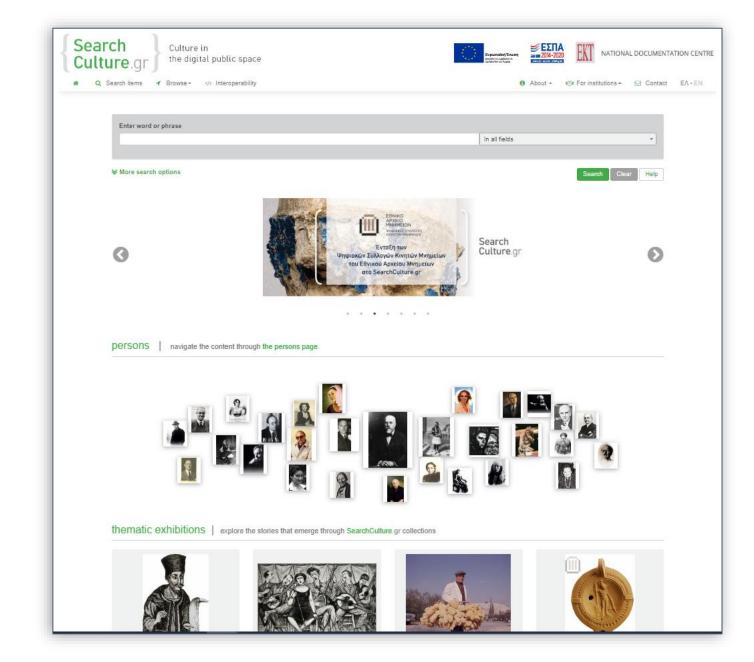
Culture in the digital public space Open Archives.gr

national aggregator for scientific content



The national aggregator for Greek content

- 76 institutions- 100 collections museums, archives, ephorates, municipalities, foundations, research centers and libraries
- 800.000+ items
 archeological sites, manuscripts, folklore
 and oral tradition, fine art and crafts,
 religious artifacts, maps, books, etc
- 500.000+ items delivered to Europeana



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DOCUMENTATION
CENTRE | EKT

Search Culture.gr

Search Culture.gr

possible by the semantic enrichments carried out by EKT

- search across all content
- combined search and filtering results with multiple criteria:
 - type, subject, date, historical period, license, collection and language
- browsing through types, subjects and historical periods
- thematic exhibitions
- Linked Open Data
- bilingual environment

Metadata Heterogeneity

Original Item Types

Αναπαραγωγή έργου τέχνης Μουσειακά αντικείμενα Τχοι Image Γλυπτό Σχέδιο Τέχεδιο Τοχογραφία Βίντεο Φωτογραφία Νόμισμα Περιοδικό Τοχογραφία Βίντεο Τοχογραφία Βίντεο

Έγγραφο, χειρόγραφο κρήνη

1



Original Time Values

```
Archaic - Byzantine period
427-421 BC. 1912/12
1897-1900 Roman 10-12-1987
14ος αι. μ.Χ.1980/12

2nd half of the 6th c. BC.
Classic (5th-4th c. BC) Bronze Age
ΥΕ Ι-ΙΙ 16th c.BC. 13th c.BC.
Ύστερος 6ος - πρώιμος 5ος αι.π.Χ.
Μυκηναϊκή περίοδος (ΥΕ ΙΙΙΓ) 132-134 AD.
```



Original Subjects

```
ΑΓΓΕΊΟ Hittite Landscape Cemeteries Modern ΑργΑLΤΥ ΒΑΛΚΑΝΙΚΉ Classical δοκίμια STADIUMS ΒΙΟΥΡΑΦΊΑ ΑΡΓΟΣ Cities ΑΝΑΤΟΛΙΚΈΣ People Medieval Architecture ΜΟDERN Αρχιεπισκοπή ΕΛΛΗΝΙΣΜΌΣ Portrait CLASSICALARCHAEOLOGY" ΑΘΡΟΣΙΕΚΚΛΗΣΊΑ Αρχιτεκτονική ΔΙΟΙΚΗΤΙΚΌ Γλυπτό Σωή Sculpture Ethnography ΑΙΚΑΙΟ ΔΙαφήμιση Εδυατίοι Photography ΓΥΆΛΙΝΑ ΕΘΝΙΚΟΑΠΕΛΕΥΘΕΡΩΤΙΚΌ Ακρωτήριο
```



```
Greece National history Politics, law and economics
Arts Science Art Greek History Politics
History Culture Intangible cultural heritage
Cultural policy and planning Archaeology
Folklore Religion Education Antiquity
```

Semantic Enrichment Methodology

- Source metadata is kept intact
- Collection-specific enrichment methodology by configuring the mapping rules from the original distinct metadata values to vocabulary terms
- Semantic enrichment per distinct metadata value of item
 types, subjects, temporal values and historic periods
- Development of or own bilingual vocabularies or extensions or adaptations of existing popular vocabularies (ie UNESCO thesaurus)
- Linking to popular vocabularies and resources (ie AAT, Wikipedia, etc)
- Semi-automatic process, heavily curated but supported by self-learning smart tools

Semantic Enrichment Tools

Semantics.gr: platform developed by EKT where any institution can create, curate and publish LOD vocabularies, taxonomies, thesauri and authority files in any schema (SKOS but also MADS/RDF, EDM Contextual Classes, etc)

Enrichment tool of Semantics.gr: a tool for setting enrichment mapping rules from distinct metadata values to vocabulary terms.

It allows for semi-automatic and self-improving enrichment processes.

Adapting the enrichment scheme for Persons

- Past enrichments : classification using hierarchical vocabularies → generalization
- Enrichment of persons: disambiguation →
 extensive research

The Russian dancer Elizaveta "Lila" Nikolska in the Parthenon. Athens, Greece November 1930.

Photographer: Nelly's (Elli Sougioultzoglou-Seraidari)

Model: Elizaveta "Lila" Nikolska

Architects: Iktinos, Calicrates, Phidias

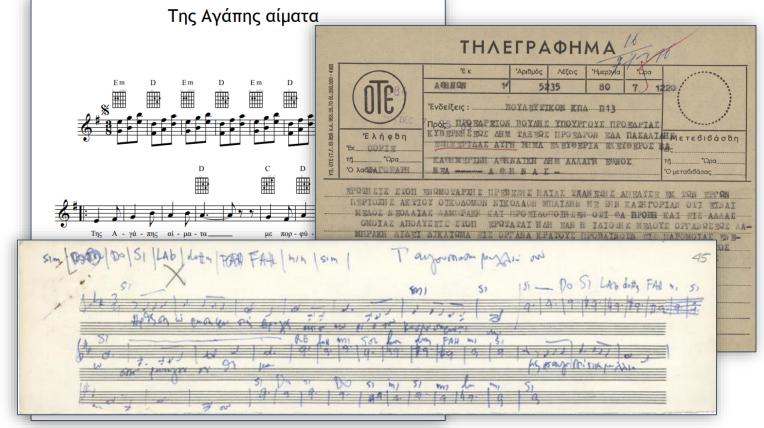


- EKT creator
- EKT referred person

• The person as the Cultural Heritage Object Creator



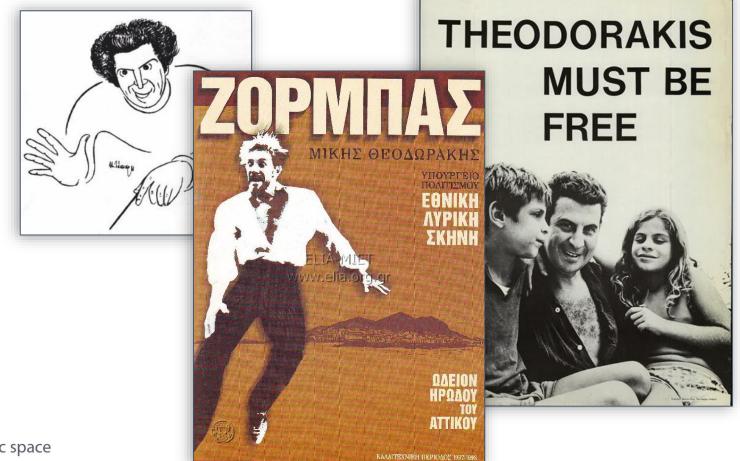
Mikis Theodorakis Composer / Activist / Politician 1925-2012



• The person Referred in a Cultural Heritage Object



Mikis Theodorakis Composer / Activist / Politician 1925-2012



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The disambiguation problem

Original metadata do not include identifying information (URIs), or biographical information

- Prominent political and economical families
- Synonymities
- Paronyms
- Given name diminutives (pet names)
- Artistic nicknames (noms de plume)

The scope

- Greek individuals
- Non-Greeks relevant to the Greek history
- Persons of importance

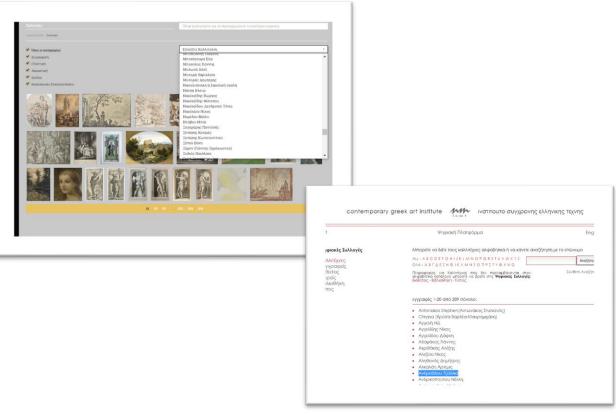
- No mythological figures and characters
- No corporate bodies (e.g. ensembles, workshops e.t.c.)

The vocabulary (the initial sources)



Figures in Greek History and Culture

URI: http://semantics.gr/authorities/vocabularies/searchculture-persons



The vocabulary of persons



URI: http://semantics.gr/authorities/vocabularies/searchculture-persons

8,273 persons edm:Agent L.O.D. Biographical information Linked to VIAF



http://semantics.gr/authorities/searchculture-persons/-143136263

@rdf:about

Search Culture.gr

The vocabulary of Professions - Occupations



URI: http://semantics.gr/authorities/vocabularies/professions-occupations

366 terms skos:Concept L.O.D.

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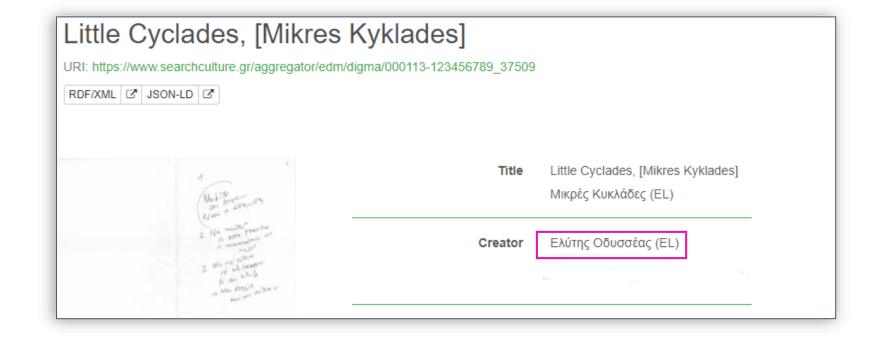
Search Culture.gr

_	(19)
	http://semantics.gr/authorities/professions-occupations/1637812699 Αντιγραφείς χειρογράφων 🔚 Scribes 🖼
	http://semantics.gr/authorities/professions-occupations/571809828 Βιβλιοδέτες Book binders
	http://semantics.gr/authorities/professions-occupations/2053825088 Γκαλερίστες Gallery owners
	http://semantics.gr/authorities/professions-occupations/140047607 Γραφίστες Graphic designers
	http://semantics.gr/authorities/professions-occupations/1351680965 Εκδότες 🔄 Publicers 🙀
	http://semantics.gr/authorities/professions-occupations/590718585 Επιμελητές 🔚 Curators 🔀
	http://semantics.gr/authorities/professions-occupations/148142975 Θεατρικοί παραγωγοί 🔄 Theater producers 📻 Θεατρικοί επιχειρηματίες 🛅
	http://semantics.gr/authorities/professions-occupations/600905613 Καλλιτέχνες Artists
	□ <u>(3)</u>
	□ http://semantics.gr/authorities/professions-occupations/438829965 Εικαστικοί καλλιτέχνες □ Visual artists
	⊞ (27)
	http://semantics.gr/authorities/professions-occupations/101652882
	Καλλιτέχνες του θεάματος 🔚 Performers 📻

Locating the person information



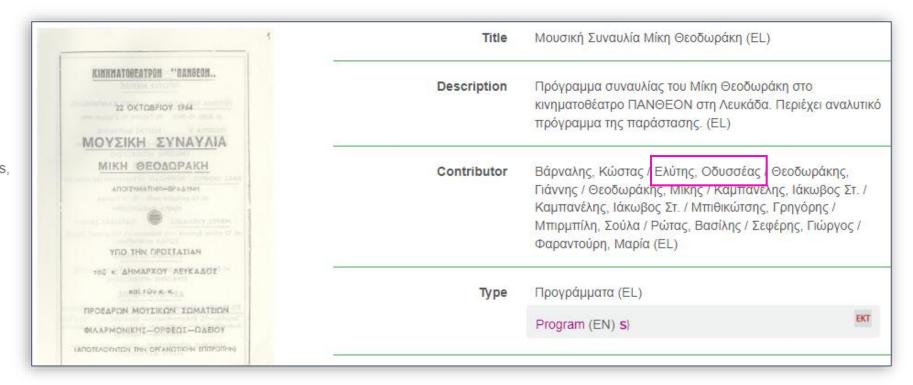
Elytis Odysseas Ελύτης Οδυσσέας 1911-1996 National poets, Writers, Poets,



Locating the person information



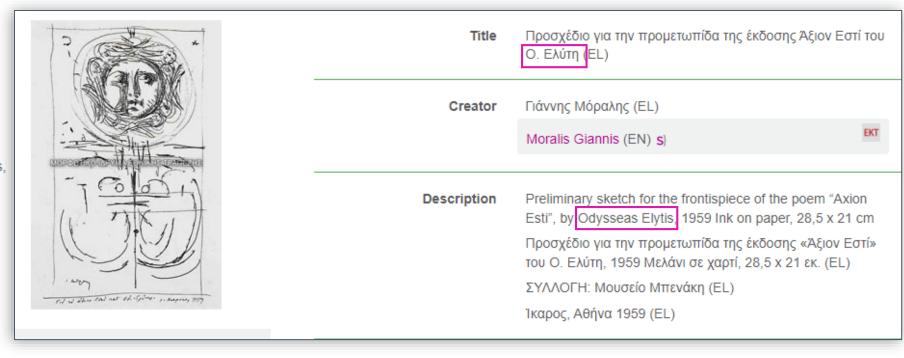
Elytis Odysseas Ελύτης Οδυσσέας 1911-1996 National poets, Writers, Poets,



Locating the person information



Elytis Odysseas Ελύτης Οδυσσέας 1911-1996 National poets, Writers, Poets,



Adapting the matching algorithm to the new requirements

Will match

Eleutherios Venizelos

E. Venizelos

Venizelos Eleftherios

Venizelos Eleftherios K.

E. K. Venizelos

Lefteris Venizelos

S. Venizelos

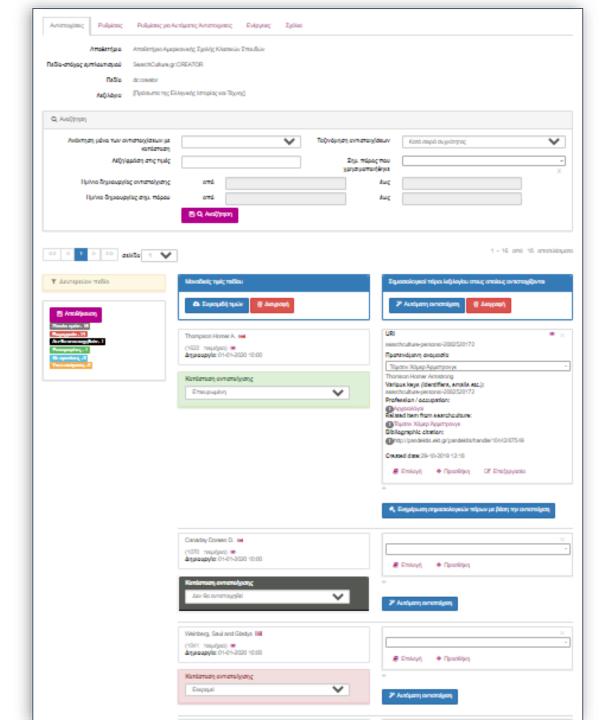
Sofoklis Venizelos

Will not match

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Mapping forms



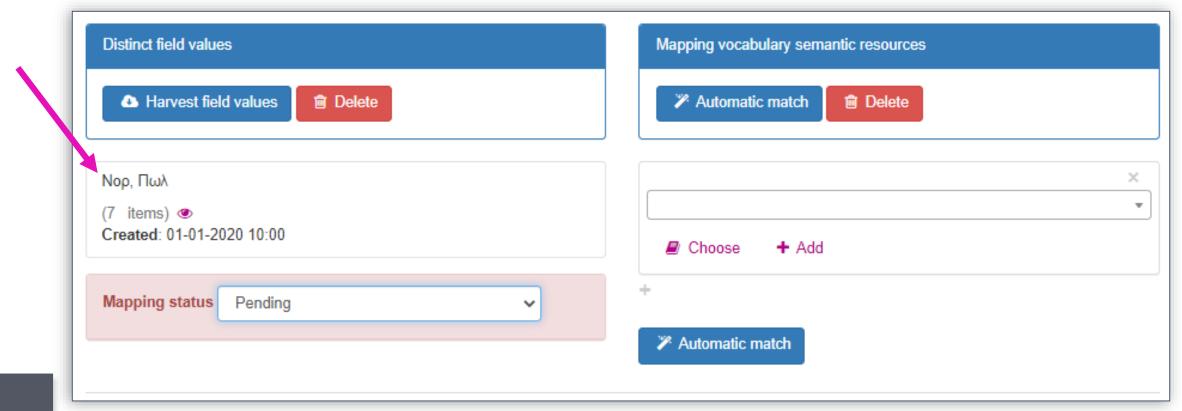
NATIONAL

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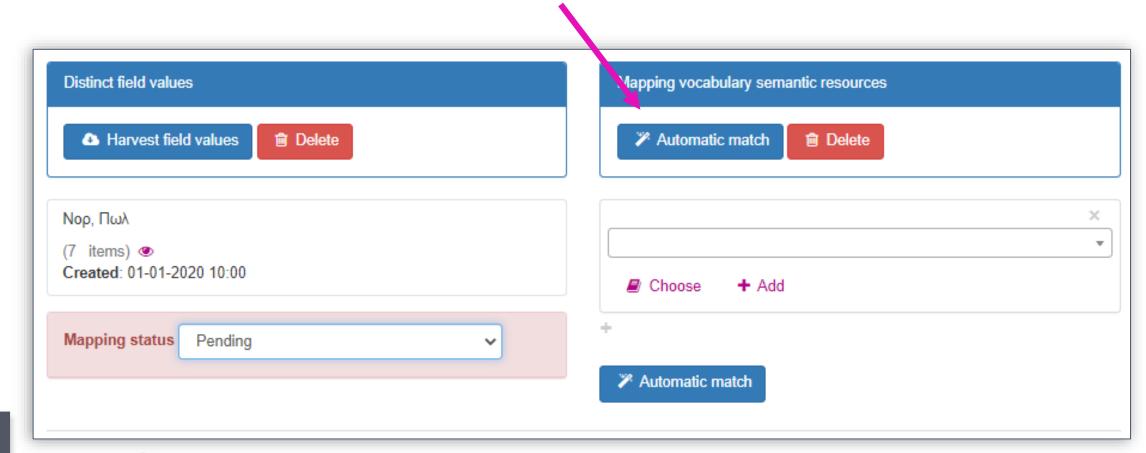
Search Culture.gr





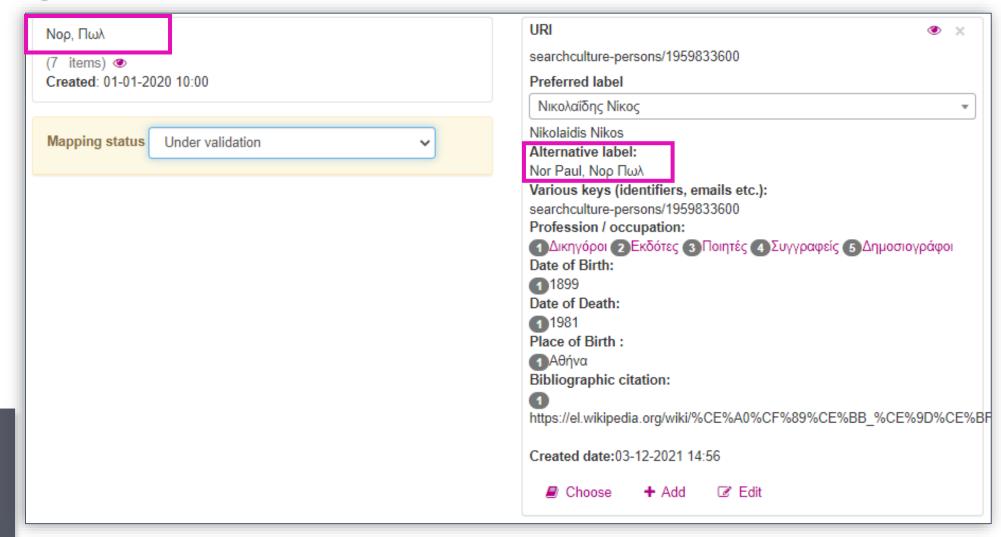
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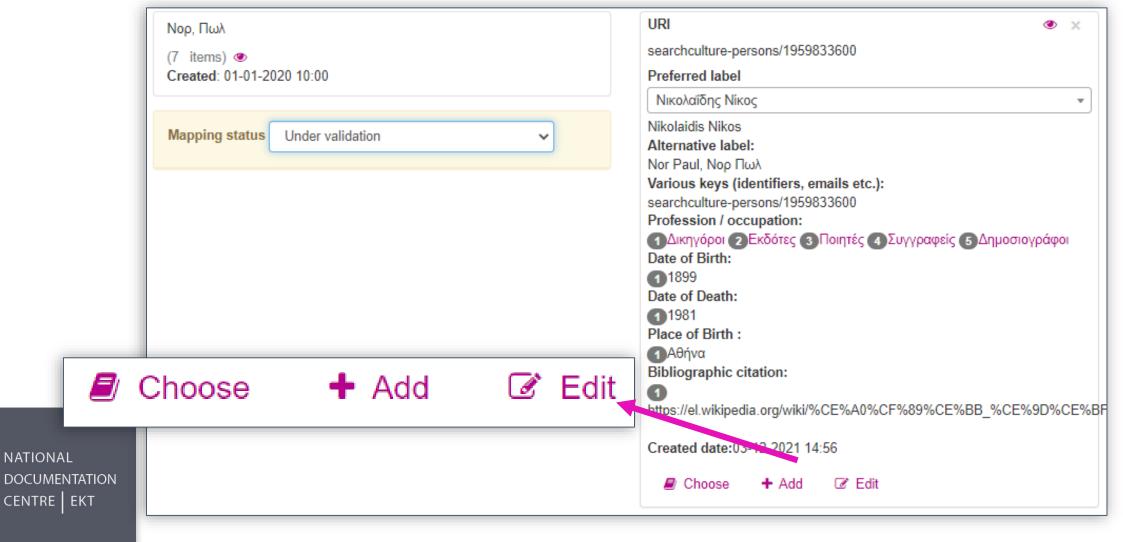


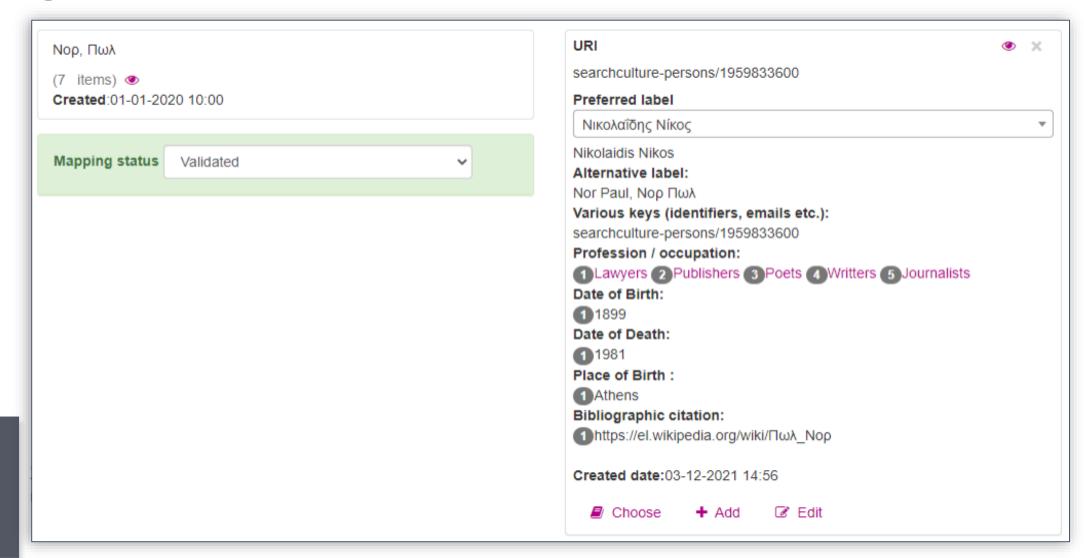
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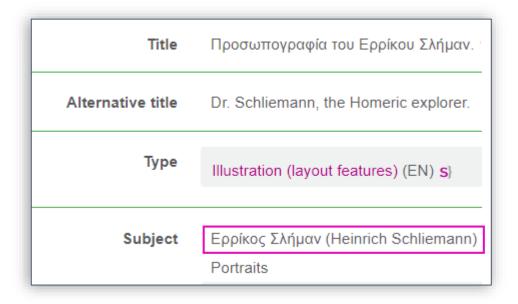
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Title	Μελίνα Μερκούρη, Jules Dassin, Μάνος Κατράκης. (EL)
	Melina Merkouri, Jules Dassin, Manos Katrakis. (EN)
Alternative title	ΜΕΛΙΝΑ ΜΕΡΚΟΥΡΗ, ΠΑΡΤΥ ΓΙΑ ΑΜΕΡΙΚΑΝΙΔΑ ΗΘΟΠΟΙΟ: ΕΛΕΝ ΜΠΕΡΣΤΥΝ, 18/5/1977 (ΠΕΘΑΝΕ 6/3/1994).
Creator	Πρακτορείο Ηνωμένων Φωτορεπόρτερ Αθήνα, Σταδίου 36 Στοά Πεσμαζόγλου, τηλ. 22-348 (EL)
	United Photojournalists Agency Athens, Pesmazoglou Arcade (EN)
Туре	APNHTIKO (EL)
	Φώτο/Λευκώματα (EL)

TitleΜελίνα ΜερκούρηJules DassirΜάνος Κατράκης.(EL)Melina Merkouri, Jules Dassin, Manos Katrakis.(EN)

http://semantics.gr/authorities/searchculture-persons/-1155243644

Μερκούρη Μελίνα 🔚 Merkouri Melina 😹

Profession / occupation: Δ Υπουργοί Δ Ηθοποιοί

Date of Birth: 1920

Date of Death: 1994

Place of Birth : Αθήνα 🏣

http://semantics.gr/authorities/searchculture-persons/-1755170362

Κατράκης Μάνος 🔚 Katrakis Manos 🔣

Profession / occupation: 🗹 Ποιητές 🖸 Ηθοποιοί 🖸 Σκηνοθέτες

Date of Birth: 1908

Date of Death: 1984

Place of Birth : Κίσαμος 🔚



URI: http://semantics.gr/authorities/vocabularies/searchculture-persons



6,000 vocabulary terms



art galleries' databases

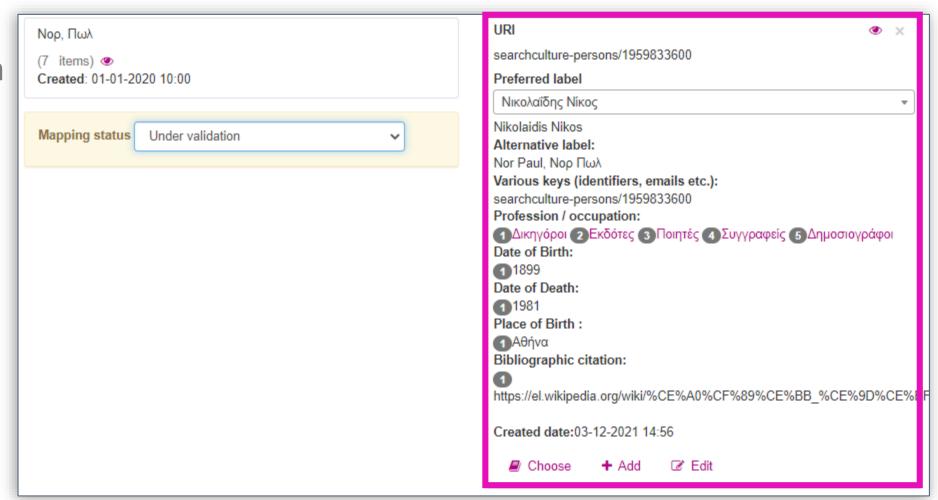
770 vocabulary terms



Enrichment of agent fields

1,300 vocabulary terms

Dealing with disambiguation



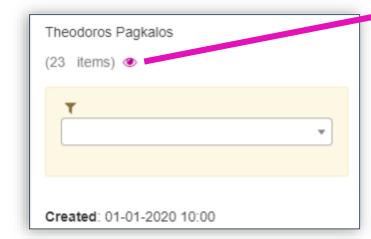
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Dealing with disambiguation



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Culture in the digital public space



Εγκαίνια της τρίτης έκθεσης βιβλίου στο Πεδίον του Άρεως. Η υπουργός Πολιπσμού, Μελίνα Μερκούρη, εκισωνεί λόγο Αριστερά διακρίνεται

EKT chronology

1982

EKT Item type

Politicians, Art. Politics, Artists, Arts

Πρακτορείο Ηνωμένων Φωτορεπάρτερ Αθήνα, ...

Thumbnall or file license CC BY 4.0

Institution

Hellenic Literary and Historical Archive - Cultura...

Digital Collections of the Hellenic Literary and H...

RDF @ @



Members of the Revolutionary Committee: Stylianos Gonatas, Nikolaos Plastiras, Theodoros Pannalos

EKT chronology

1922 - 1923

EKT Item type

Politicians, Armed forces, Politics, Asia Minor di...

Thumbnall or file license

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Institution

Hellenic Literary and Historical Archive - Cultura...

Digital Collections of the Hellenic Literary and H...

RDF @ (2)



The Minister of Culture, Melina Merkouri, delivers a speech. On the left is the Deputy Minister of Trade, Theodoros Pannalos

EKT chronology

1982

EKT Item type

Politicians, Art, Politics, Artists, Arts

Creator

Πρακτορείο Ηνωμένων Φωτορεπόρτερ Αθήνα, ...

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Institution

Hellenic Literary and Historical Archive - Cultura...

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RDF @ (2)



Theodoros Pagkalos and Nikolaos Plastiras

EKT chronology

1920

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Institution

Hellenic Literary and Historical Archive - Cultura...

Digital Collections of the Hellenic Literary and H...

RDF @ (2)



Dictator Theodoros Pangkalos reviewing scouts at the All-Scout assemby at the Panathenaic Stadium on the occasion of the anniversary

EKT chronology

EKT Item type

Festivals, Anniversary celebrations, Athens, Ext...

Giagkoglou, Dimitrios Athens, Edouardou Lo 1 /...

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Institution

Hellenic Literary and Historical Archive - Cultura ...

Digital Collections of the Hellenic Literary and H...

RDF @ ②



Alexandros Chatzikyriakos, Theodoros Pangalos, politicians and servicemen outside the Cathedral (?)

EKT chronology

1924 - 1925

EKT Item type

Politicians, Armed forces, Politics, Rites

Πουλίδης, Πέτρος Χ. (Pierre Ch. Paulides) Αθήν.

Thumbnall or file license

CC BY 4.0

Institution

Hellenic Literary and Historical Archive - Cultura...

Digital Collections of the Hellenic Literary and H...

RDF @ (2)

Dealing with disambiguation



Εγκαίνια της τρίτης έκθεσης βιβλίου στο Πεδίον του Άρεως. Η υπουργός Πολιτισμού, Μελίνα Μερκούρη, εκφωνεί λόγο Αριστερά διακρίνεται

EKT chronology

1982

EKT Item type

Politicians, Art, Politics, Artists, Arts

Creator

Πρακτορείο Ηνωμένων Φωτορεπόρτερ Αθήνα, ...

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Collection

Digital Collections of the Hellenic Literary and H...







The Minister of Culture, Melina Merkouri, delivers a speech. On the left is the Deputy Minister of Trade, Theodoros Pangalos

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1982

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Πρακτορείο Ηνωμένων Φωτορεπόρτερ Αθήνα, ...

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Digital Collections of the Hellenic Literary and H...





Theodoros Pagkalos and Nikolaos Plastiras

EKT chronology

1920

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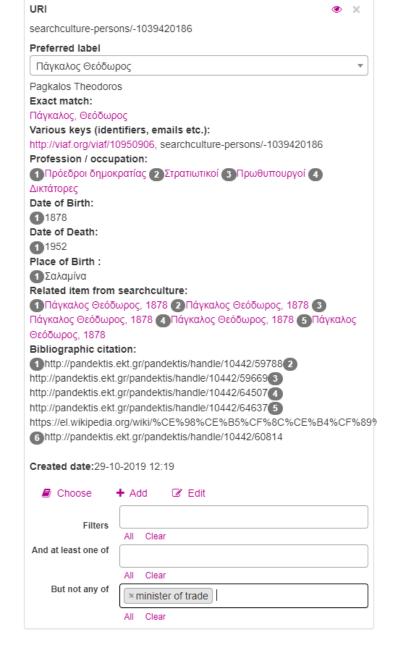
RDF @ @

Dealing with disambiguation





URI	•	1
searchculture-per	sons/801943328	
Preferred label		
Πάγκαλος Θεόδι	ωρος	
Pagkalos Theodo	ros	
Exact match:		
Θεόδωρος Πάγκα	λος	
Various keys (ide	entifiers, emails etc.):	
http://viaf.org/viaf/	49118069, searchculture-persons/801943328	
Profession / occ	upation:	
1 Δικηγόροι 2 (Οικονομολόγοι 3 Υπουργοί 4 Καθηγητές	
πανεπιστημίου 🤙	Διπλωμάτες	
Date of Birth:		
11938		
Place of Birth:		
1Ελευσίνα		
Bibliographic cit	ation:	
1 https://el.wikip	edia.org/wiki/Θεόδωρος_Πάγκαλος_(πολιτικός)	
Created date: 12-	04 2024 00:45	
Oreated date. 12-	04-2021 03.43	
Choose	+ Add ☑ Edit	
Filters	× minister of trade	
	All Clear	
And at least one of		
	All Clear	
	All Clear	



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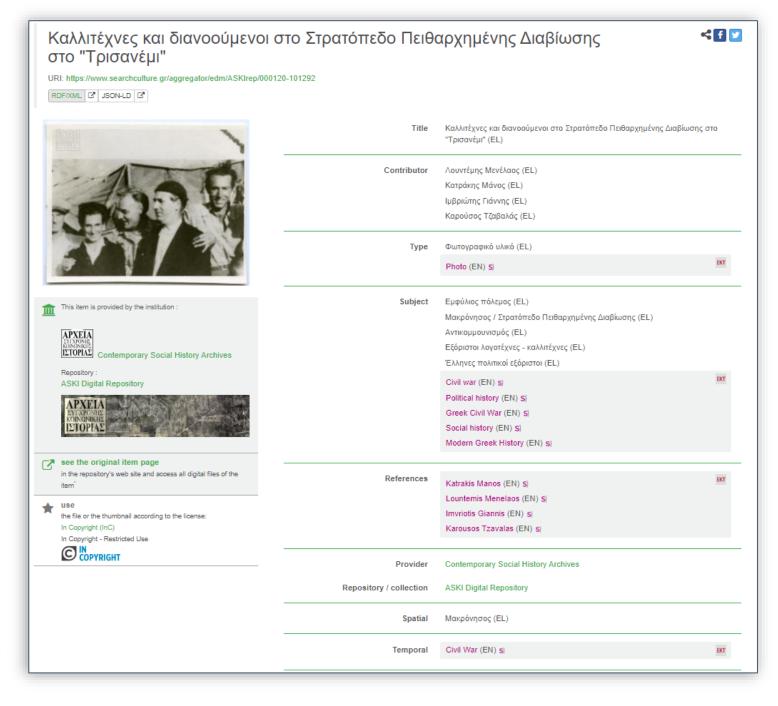
Search Culture.gr

Effort

- 167 mapping forms
- 18 person months
- 177,986 CHOs enriched

	Number of person names	
	occurrances identified and	Number of
	mapped in original metadata	validated EMRs
dc:creator /		
dc:contributor	229,156	10,325
dc:subject	39,633	982
dc:title		
/dc:description	59,946	5,845
Total	328,735	17,152

The enrichments in every record



The enrichments in every record

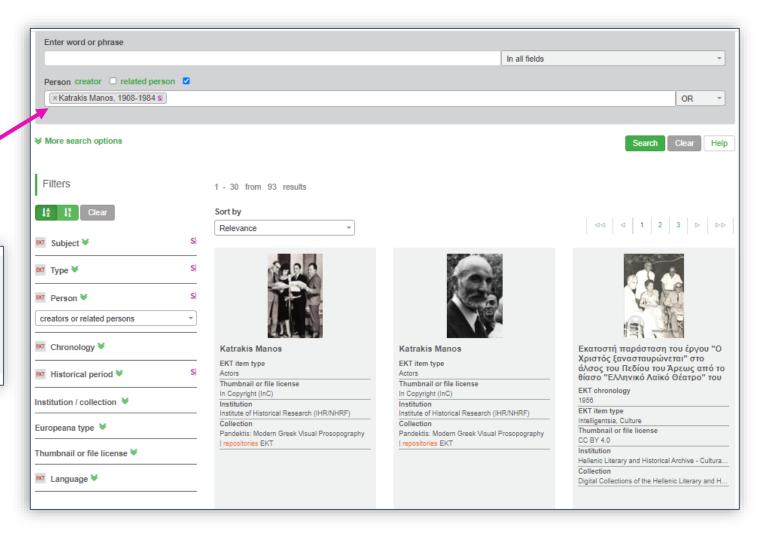
References

Katrakis Manos (EN) s)

Lountemis Menelaos (EN) s)

Imvriotis Giannis (EN) s)

Karousos Tzavalas (EN) s)



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The enrichments in every record

References

Katrakis Manos (EN) s}

Lountemis Menelaos (EN) s}

Imvriotis Giannis (EN) s

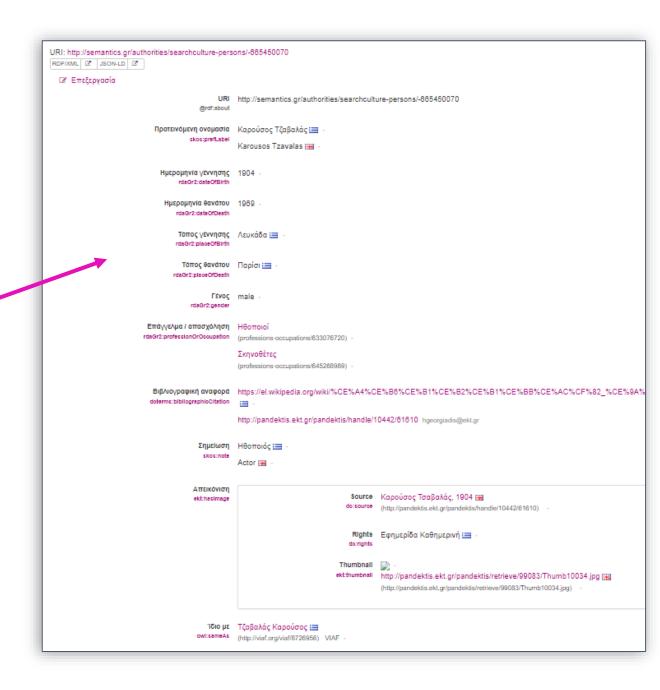
Karousos Tzavalas (EN) s}

NATIONAL

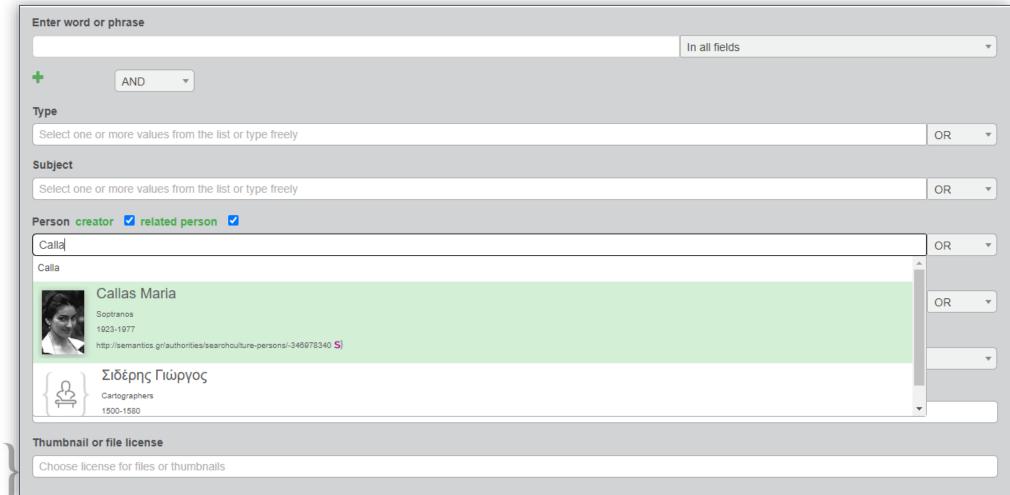
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Search Culture.gr

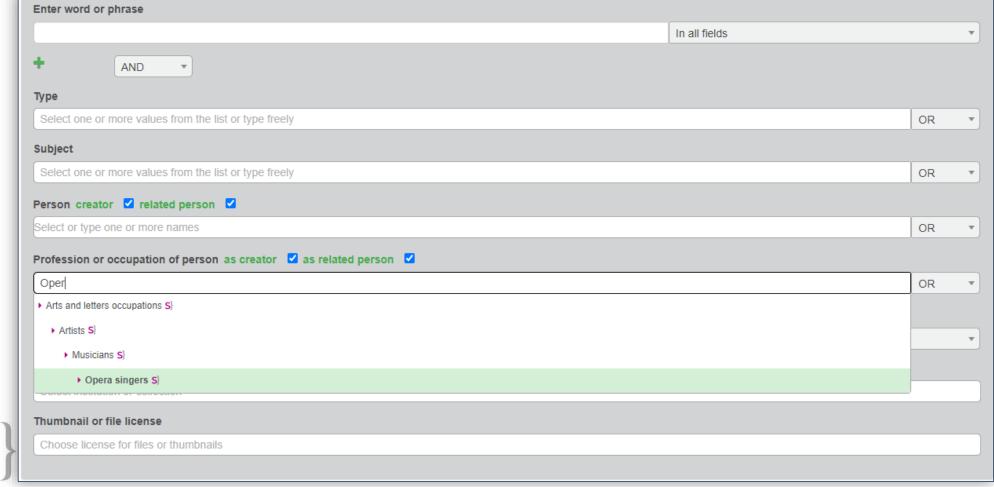


New search options



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Search Culture.gr New search options



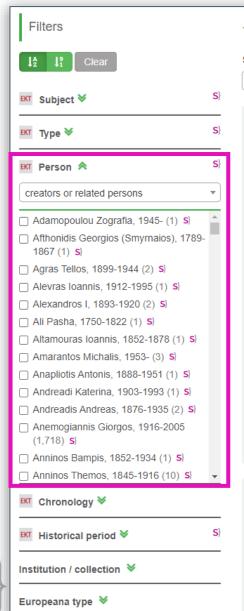
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DOCUMENTATION

CENTRE | EKT

Search Culture.gr

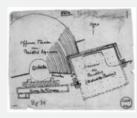
Faceting



1 - 30 from 15.552 results

Sort by

Relevance



Ωδείον μετά του Διονυσιακού θεάτρου (ιχνογραφία).

EKT item type

Archaeology, Antiquities, Ancient civilizations

Creator

Άγνωστος δημιουργός

Thumbnail or file license

CC BY-NC-ND 4.0 GR

Institution

The Archaeological Society at Athens

Collection

Repository of the Archaeological Society at Ath...





Μικκύλη μεσόμφαλη φιάλη (τομή) тои КОЛ/203.

EKT item type

Archaeology, Antiquities, Ancient civilizations

Creator

Άγνωστος δημιουργός

Thumbnail or file license

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Institution

The Archaeological Society at Athens

Collection

Repository of the Archaeological Society at Ath..





Βασιλική Δ. Θωράκιον και βάσις δεσποτικού θρόνου ή άμβωνος.

EKT item type

Archaeology, Antiquities, Ancient civilizations

Creator

Άγνωστος δημιουργός

Thumbnail or file license

CC BY-NC-ND 4.0 GR

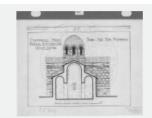
Institution

The Archaeological Society at Athens

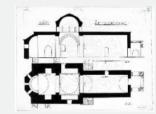
Collection

Repository of the Archaeological Society at Ath...

RDF ● 凸



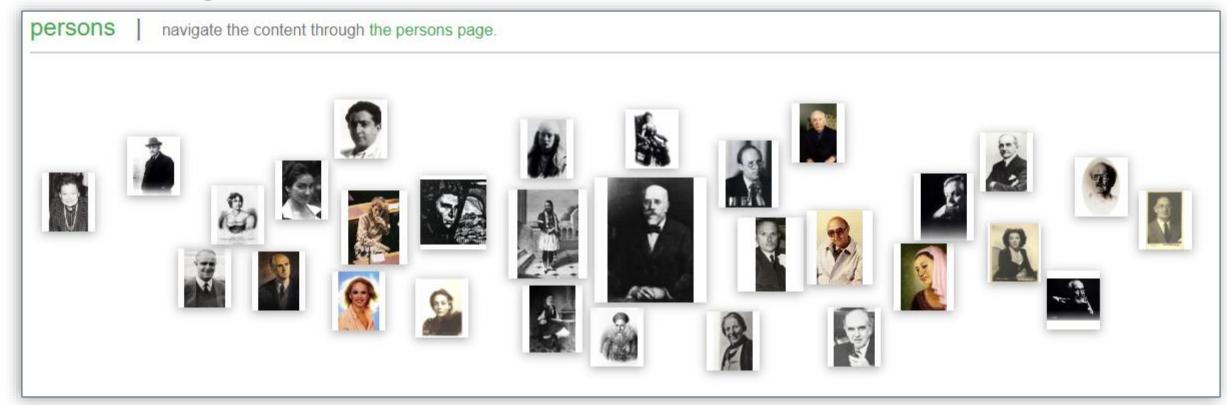
Σταυρικός ναός (ιερόν ευκτήριον) Οσίου Λουκά. Τομή εις τον νάρθηκα.

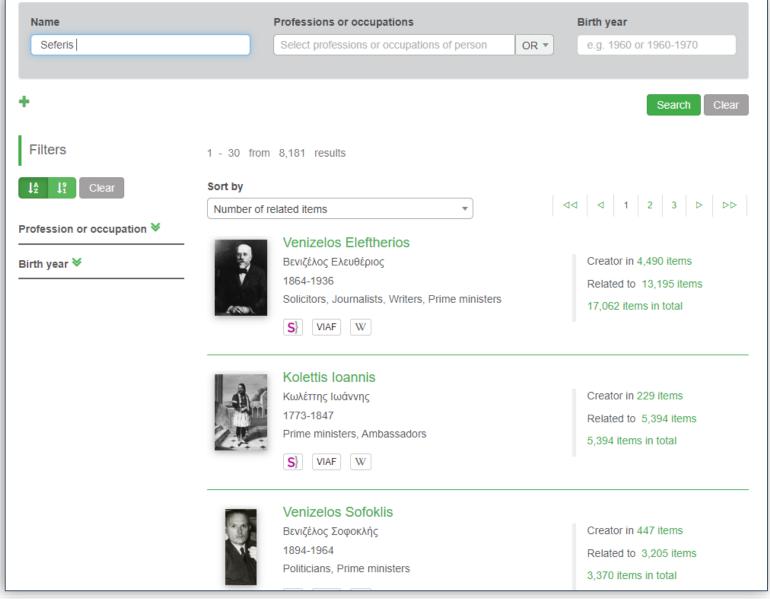


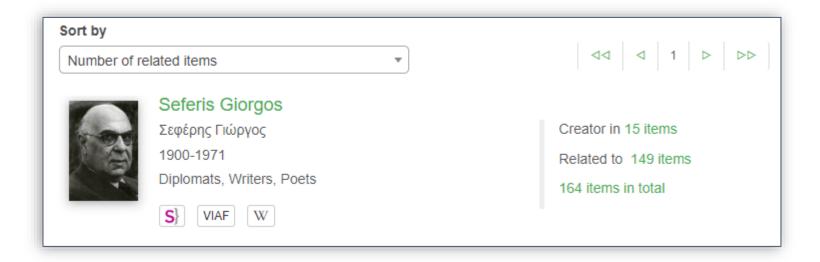
Κάτοψις και τομή Αγ. Ταξιάρχου Θάρι

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THANK YOU!

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