

# LINKED DATA IN INSPIRE

BIBFRAME We Can Manage at Hillsdale College

Presented by Maurine McCourry, PhD

MCLS Linked Data Users Group Meeting

November 13, 2019

# INNOVATIVE INSPIRE

- New “experience” platform from Innovative Interfaces, Inc. (III)
- Designed to store BIBFRAME rather than MARC data
  - Works, instances, items, with linked agents and concepts
- Converts MARC to BIBFRAME for use in the system
  - BIBFRAME 2.0 conversion specifications
- Discovery is first product on new platform

## HILLSDALE'S INVOLVEMENT

- Had been using Yewno as supplement to Encore discovery
  - Not fully integrated with catalog
- Was intrigued by presentation by Ill's Kathryn Harnish
  - Similar interface to Yewno's for facilitating visual discovery of bibliographic resources
- Volunteered to partner with Ill for new discovery platform development in Fall of 2018
- Began regular meetings with Ill in December of 2018
  - Ill loaded copy of HC catalog data to test environment

# HOW IT WORKS


- System seeded with open data
  - LC authority data
  - Crossref article data
- MARC data from library converted to BIBFRAME and stored as catalog data
  - Agents and concepts shared by all Inspire customers
- E-resource coverage data (KBART) loaded separately
- System matches catalog data with seed data
  - Links resources, concepts, agents
  - Adds relationship data
  - Links to external data


# INSPIRE AT HILLSDALE

Beta Site is Live!

<https://hills.na.innovativeinspire.com/>

[Encore Catalog](#) [Provide Feedback](#)

 What are you looking for?

Everything 

Qda

Everything

Q dan

×

Everything

Dan Li

Dan Wang

Dan Liu

Dan Zhang

Daniel Whiteson

Dante Bettoni

Daniel Allen

Dan Zhao

Dan Wu

Daniel Read


innovative's Privacy Policy

innovative's Services Privacy Policy



dante



Everything 

**View the person** Dante **Alighieri**, 1265-1321.

Dante **Bettoni**

Dante **Alighieri**, 1265-1321.

Dante **Cicchetti**

Dante **Gatteschi**

Dante **Minniti**




Refine Results

- Availability
- ☐ Online 8659
- ☐ At Library 532
- Date
- From To
- Format
- ☐ Article 7690
- ☐ EBOOKS 726
- ☐ BOOKS, ETC 480
- ☐ ERECORDINGS 205
- ☐ EVIDEOS 32


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Q dante X Everything

8700+ results found for dante

Find from 

1-10 of 8700+ Results per page: 10 Sorted by Relevancy



**The Princeton Dante project**  
by Dante Alighieri, 1265-1321.  
1999/9999

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**Dante**

Refine Results

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- ☐ EVIDEOS 32



**Dante**  
by Dante Alighieri, 1265-1321.  
[2001]

**EBOOKS**  
Check Availability

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**Dante's Purgatorio**  
by Dante Alighieri, 1265-1321.  
1952

**BOOKS, ETC**  
Available

✓ **BOOKS, ETC available** Call number PQ4306 .A1  
[View other location and edition options](#)


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# Dante Alighieri, 1265-1321.

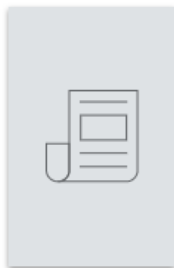


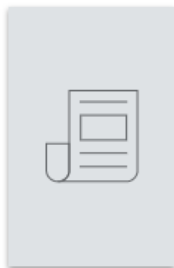
## Resources


See all 502 resources >


- 



Danteworlds  
200X/..
- 

The ladder of vision.  
Brandeis, Irma  
1962/..
- 

Dante studies.  
2014/..
- 

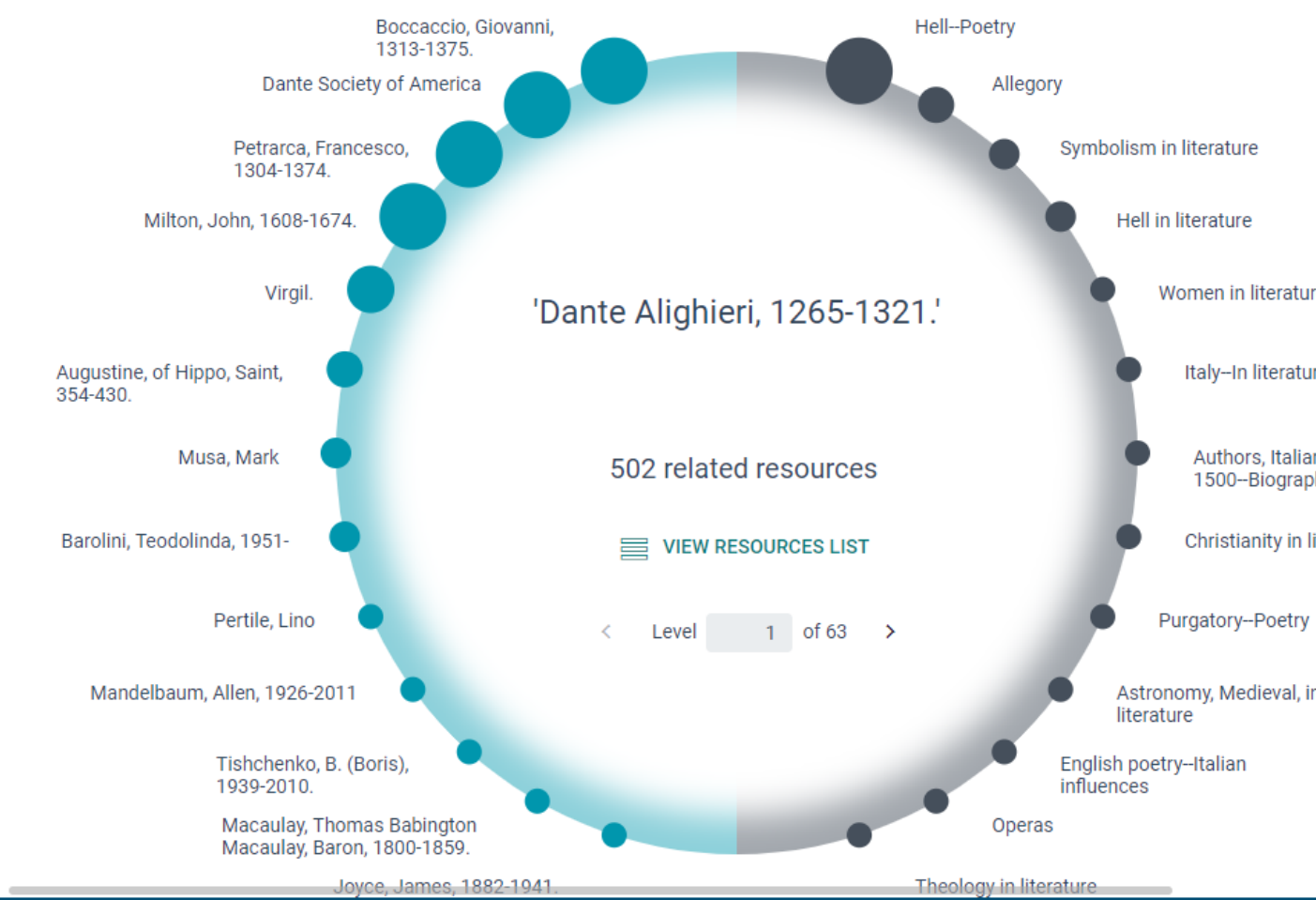
Dante.  
2004/..
- 

Lettere italiane.  
1949/..
- 

Symbolism of The  
divine comedy.  
Fletcher, Jefferson  
Butler, 1865-1946  
1966/..
- 
- 

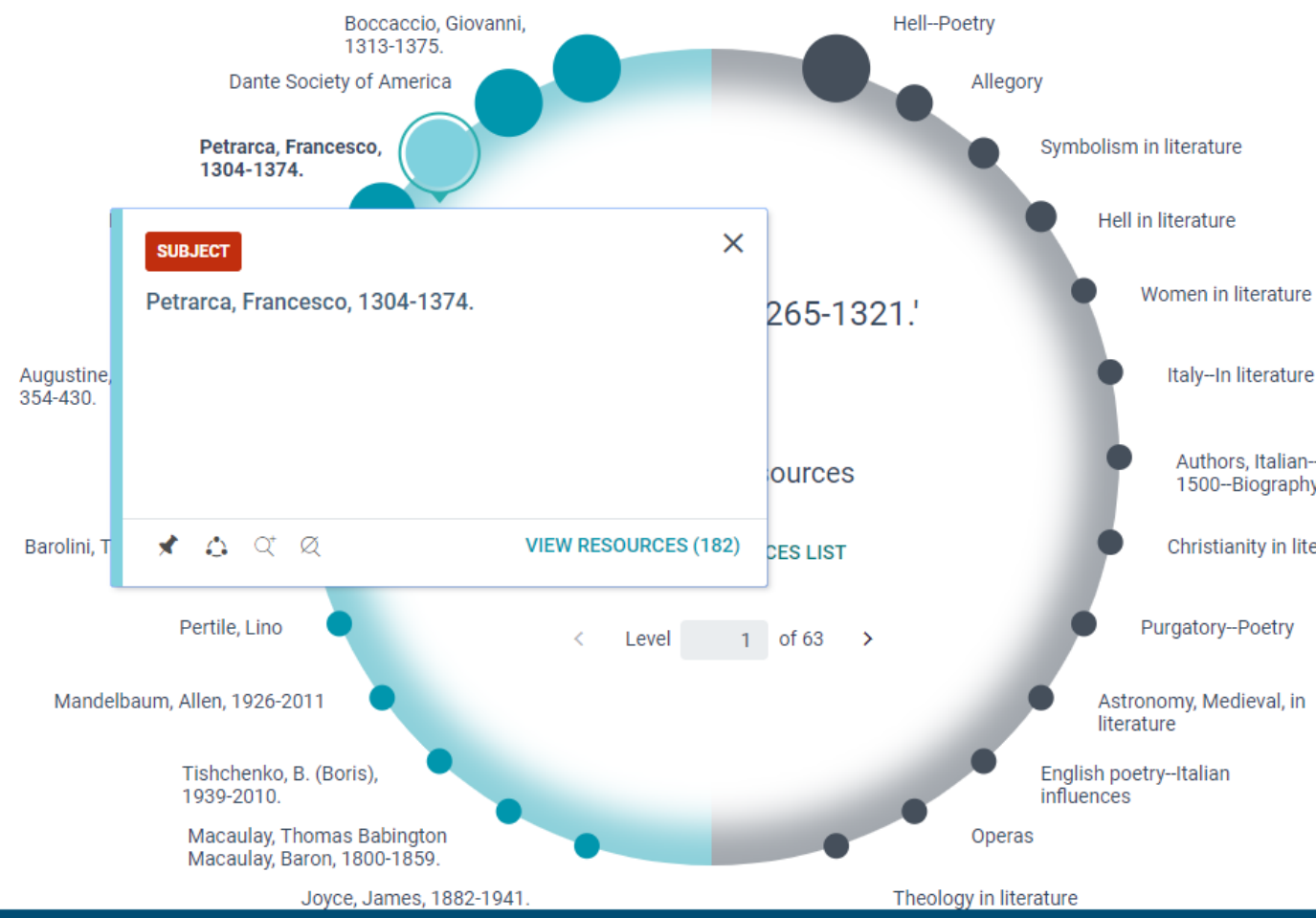
Refine Results

- Edit terms
- Exclude nodes



Refine Results

- Edit terms
- Exclude nodes



### Refine Results

Availability

☐ Online 126

☐ At Library 56

Date

From To

Format

☐ EBOOKS 86

☐ BOOKS, ETC 55

☐ ERECORDINGS 20

☐ ESCORES 19

☐ EJOURNALS 1

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Q What are you looking for?

Everything

182 results related to **Petrarca, Francesco, 1304-1374.**

1-10 of 182 Results per page: 10 Sorted by Relevancy

**Petrarca ed il cantar a liuto**

©2004.

**ERECDINGS**

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[Check Edition Information](#)

**Petrarch : a critical guide to the complete works**

2009

Refine Results

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Format

- ☐ EBOOKS 86
- ☐ BOOKS, ETC 55
- ☐ ERECORDINGS 20
- ☐ ESCORES 19
- ☐ EJOURNALS 1

More formats (1)

Persons

Concepts


Language


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 **Petrarca ed il cantar a liuto** ©2004.  
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 **Petrarch : a critical guide to the complete works** 2009

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- ☐ ESCORES 19
- ☐ EJOURNALS 1
- More formats (1)
- Persons
- Concepts
- ☐ Madrigals 23
- ☐ Madrigals, Italian 11
- ☐ English Poetry--Early... 6
- ☐ Authors, Italian--To 1... 5
- ☐ English Literature--Hi... 5
- All concepts (191)
- Language

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©2004.  
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**Petrarch : a critical guide to the complete works**  
2009

 global warming  Everything 

**View the concept** Global warming

---

Global warming

Global warming--**Government policy--United States**

Global warming--**Political aspects**

Global warming--**Prevention**

Global warming--**Economic aspects**

- Everything
- Author
- Concept
- Title

- Refine Results
- Availability
  - Date
  - Format
  - Persons
  - Concepts
  - Language

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global warming

Concept

827 results found for global warming

Find from Mel Michigan eLibrary

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Sorted by Relevancy

Deep Green Solutions to Stop Global Warming Now

2012

EVIDEOS

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Global warming : a very short introduction

Refine Results

- Availability
- Date
- Format
- Persons
- Concepts

- ☐ Global Warming 429
- ☐ Climatic Changes 239
- ☐ Pollution 82
- ☐ Environmental Scien... 77
- ☐ Air-Pollution 60

All concepts (1217)

Language

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global warming Concept

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global warming Concept

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global warming

Concept

429 results found for global warming

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Global warming Reset Filters

The global warming issues

2011

EBOOKS

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EBOOKS

## The global warming issues



2011

Global climate change is characterized by increased extreme fluctuations in local weather patterns and an overall global warming. An experiment conducted at a biolab in the Rocky Mountains demonstrates how just a few degrees of warming completely change the local ecosystem. Lack of winter ice in the Disko Bay has affected the... [more »](#)

Find from



EBOOKS

Check Availability

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Edition information ▼



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- Edit terms (1) ▼
- Exclude nodes ▼



Refine Results

← BACK TO RESOURCES LIST

Edit terms

Exclude nodes

Higgins, Marilyn

TOPIC

Global warming

VIEW RESOURCES (429)

- Global warming
- Global warming-Prevention
- Weather-Effect of human beings on

Refine Results

← BACK TO RESOURCES LIST

- Edit terms
- Exclude nodes



## WHAT'S PROMISING

- Easy way for libraries to jump into linked data without changing processing
- Visual interface for exploration of concepts in relation to library resources
- Integration of standardized open data
  - LC Authorities
  - Crossref

## WHAT STILL NEEDS WORK

- Catalog interface
  - Our users want more info on browse screen
  - Still need index displays
- Automation of coverage data loading
  - Link to a KB
- Better use of linked data
  - Data from publishers not rich enough yet to match with catalog

# QUESTIONS

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