# RDA/US FELLOWS PROGRAM: ADVANCING DIGITAL PRACTICES IN HISTORY AND ETHNOGRAPHY

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# ITINERARY

## Scholarly trajectory →

**Project shares, issues shares, annual report →**

**Emerging WG (meta-data) →**

**Future trajectories (an ethnography of diverse data practices) →**

# STS // ANTHRO // RPI → RDA

# MY RESEARCH EXAMINES…

***The conceptual, technical, organizational & legal means***

***through which people, communities & societies***

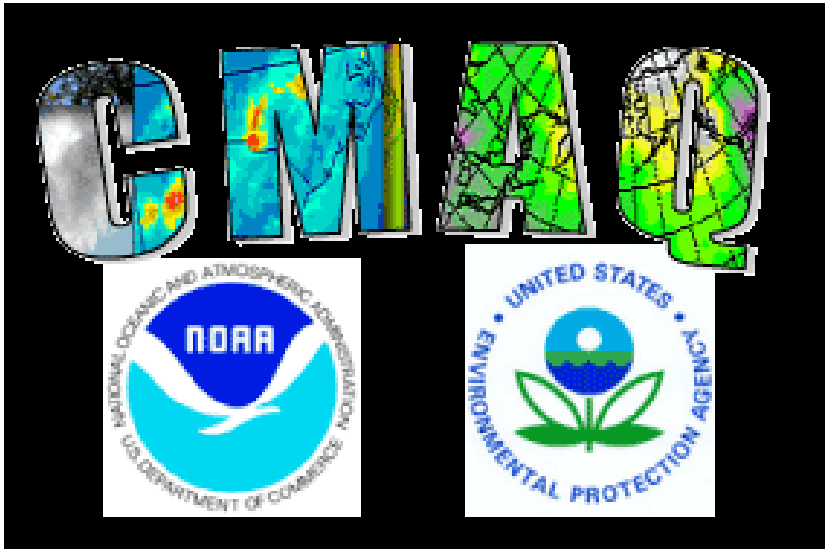
***anticipate, understand, communicate about & respond***

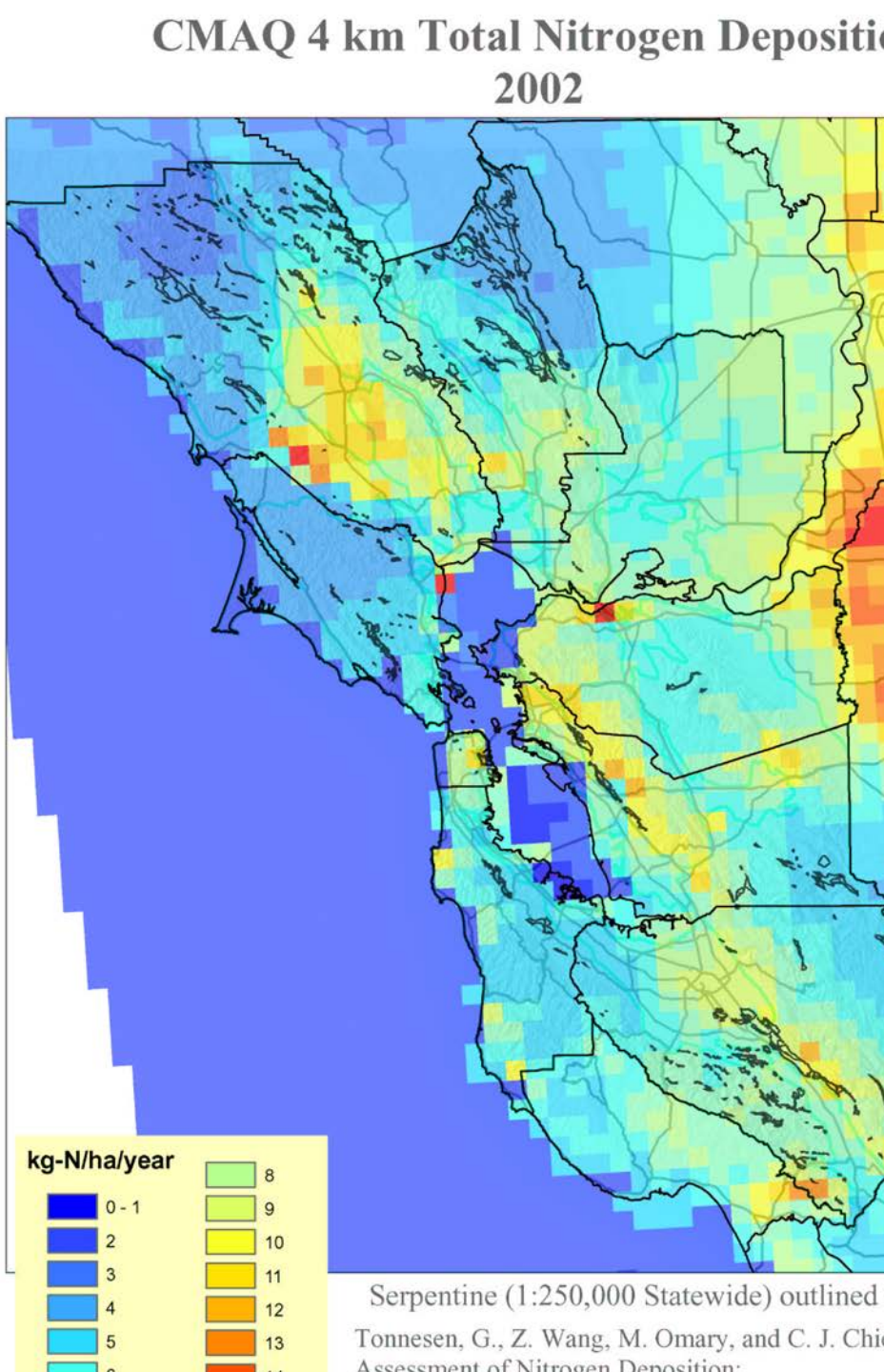
***to environmental problems & solutions***

***Context → Need for innovation → Design***

# COMMUNICATION AS CONTEXT PRODUCTION: THE ENVIROATLAS

# MODELING SYSTEMS: SCALES, TRADING ZONES & BOUNDARY OBJECTS



# PECE: THE PLATFORM FOR COLLABORATIVE, EXPERIMENTAL, ETHNOGRAPHY

**DISASTER**
STS Research Network

Home | Collaborate | Discover | Search | About | My account

## Disaster in the news

Labour: Tory failure to invest in flood defences puts thousands at risk

Sunday, August 10, 2014 - 19:01

Natural disasters and extreme weather | The Guardian

Hurricane Julio weakens as Hawaii copes with aftermath of tropical storm

Sunday, August 10, 2014 - 09:53

Natural disasters and extreme weather | The Guardian

Bertha lashes Britain with strong winds and heavy rainfall

Sunday, August 10, 2014 - 02:31

Natural disasters and extreme weather | The Guardian

more

## World Watch blog

The persistent temporality of Hurricane Sandy's aftermath

Last week, a coalition of of Hurricane Sandy survivors, Faith New York, Make the Road New York, Alliance for a Just Rebuilding, and several NYC councilmembers delivered a report to New York City M

## China and Air Pollution

## Featured biblio

Ticking Viral Bombs, Left in Boxes

Global premature mortality due to anthropogenic outdoor air pollution and the

## Featured artifacts

Pink bikes in Namie, Fukushima Prefecture

China and Air Pollution

## Featured groups

Disaster Response Critique

Devoted largely to academic critique and analysis of various disaster responses

Fission, Fusion, and Decay

This group is devoted to the study of the long aftermaths of both "fast" nuclear disasters like 3-11 and Chernobyl, but also to the slow, chronic, and potential disasters linked to nuclear sociotechnical systems.

Technical Feedback

This group is to report problems or bugs that you encounter while you are working on the site.

DSTS Outreach

Katrina

Teaching Disaster

Disaster Ethics

Times of Disaster

Japan 3-11

Fukushima

more

# PECE: THE ASTHMA FILES

The Asthma Files | Home | Collaborate | Search | About | My account | My Dashboard | Log out

## Asthma News

- Long-term effects of childhood asthma influenced by socioeconomic status
- Study sheds light on asthma, respiratory viruses
- Researchers improve severe asthma care through new, antibody-based treatment
- Too many kids with asthma, food allergies lack school emergency plans
- To admit or not to admit: Huge variation in hospitalizations from emergency room suggests opportunity to save billions

More

## Houston Ozone App

## Featured biblio

The impact of asthma guidelines

New EPA Clean Air Rule Is a Moral Imperative for Future Generations

Darwin Foes Add Warming to Targets

Enabling Light-weight Video Annotation and Presentation for Cultural Heritage

Acute Respiratory Effects of Particulate Air Pollution

## Featured artifacts

Air Quality: The FRAPPE Field Campaign

FRAPPE ozone animation

Laura Jackson Interview

Houston Ozone App

Pollution in Tehran

more

## Featured groups

Communicating Asthma

Los Angeles

Tehran

Materials pertaining to asthma in Tehran.

New York City

Materials pertaining to asthma in New York City.

Caring for Asthma

Knowing Asthma

Tracking Asthma

Experiencing Asthma

Singapore

Materials pertaining to asthma in Singapore.

Houston

more

## Featured terms

accounting air quality **care** **caring** EPA experiencing houston hygiene hypothesis

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# PROJECT SHARES AND REVIEWS

**Currently scheduling: Kim Christen and Joshua Wells**

**April 28, 2015: Mark Turin: Digital Himilaya**

**December 16, 2014: Kate Hennessy: Inuvialuit Living History Museum**

**November 18, 2014: Craig Dietrich: Scalar**

**October 14: Issues Share: Metadata**

**August 28, 2014: Patrick Schmitz: CollectionSpace**

**July 7, 2014: Issue Share with RDA's Provenance IG**

**July 2, 2014: Quinn Dombrowski on DHCommons and Bamboo DiRT**

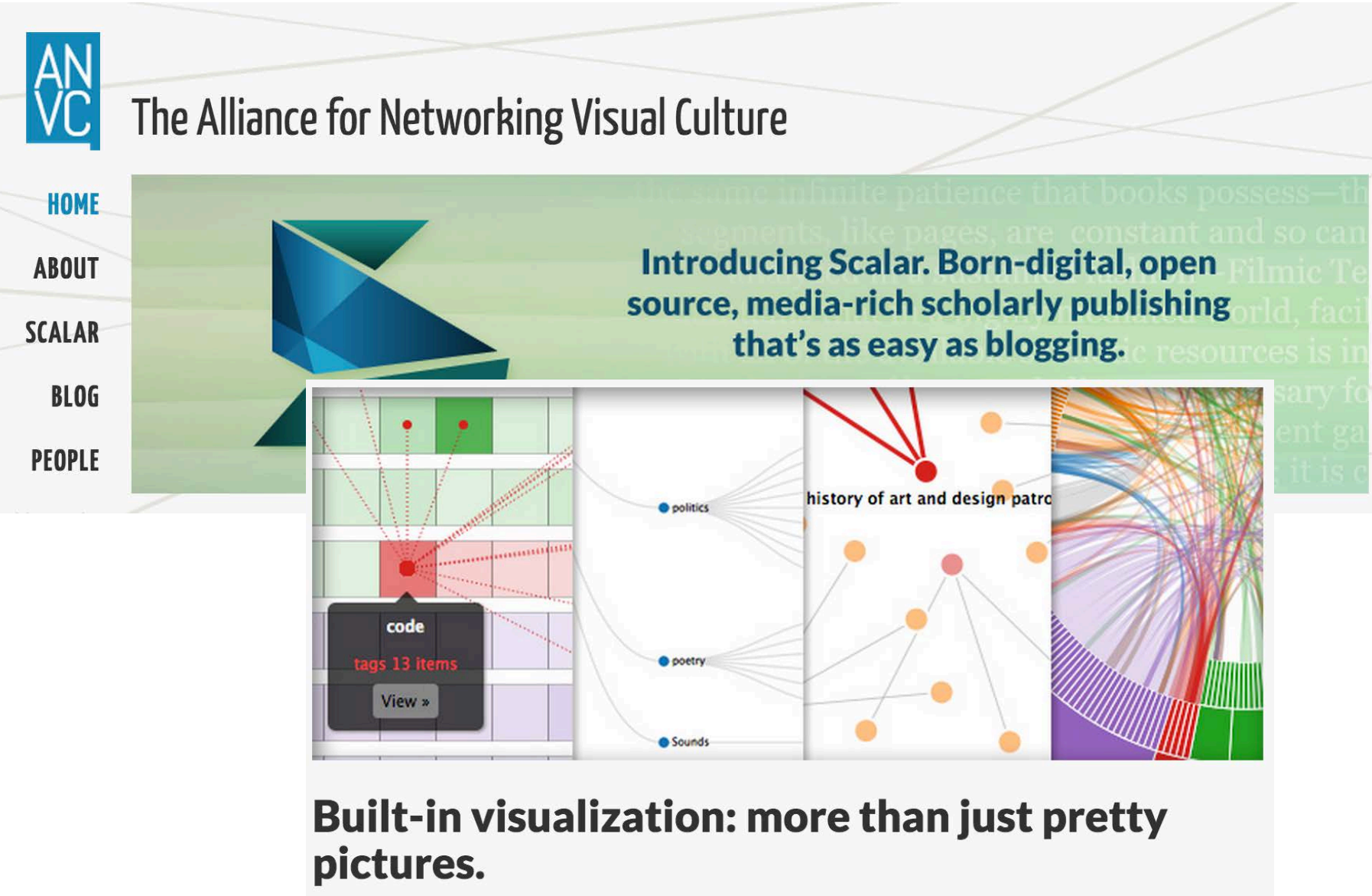
**February 13, 2014: Jason Jackson and Garett Montanez: Open Folklore**

**January 23, 2014: Tom Elliott: Pleiades**

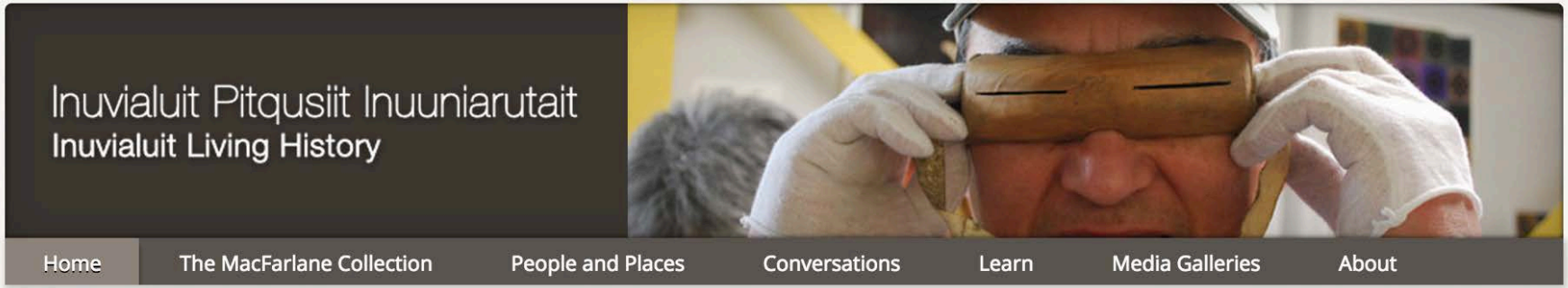
**November 21, 2013: Julia Collins: Nunaliit Atlas Framework**

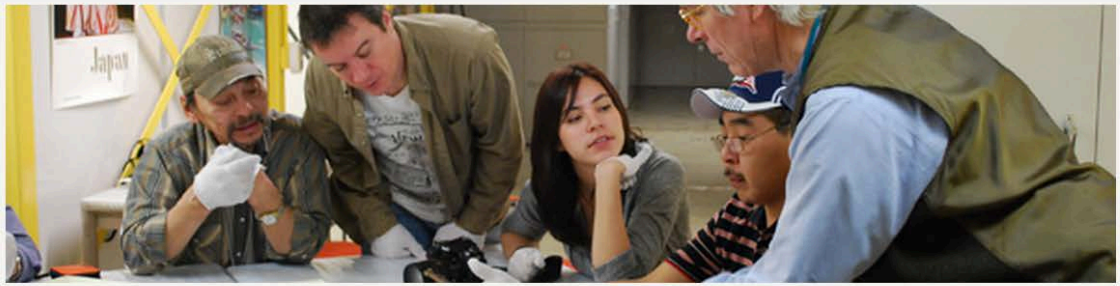
**October 24, 2013: Perseids**

# CRAIG DIETRICH



# KATE HENNESSY



Conversations
Join the Conversation about Inuvialuit heritage, culture, and history. « 5 of 7 »

## NEWS

### OFFICIAL LAUNCH AND PRESS RELEASE

**MEDIA ADVISORY**

The Inuvialuit Cultural Resource Centre (ICRC) in Inuvik, N.W.T., is proud to announce the launch of a new website, **Inuvialuit Pitqusiit Inuuniarutait: Inuvialuit Living History** – www.inuvialuitlivinghistory.ca. Produced in collaboration with the Smithsonian Institution's Arctic Studies Center, the Department of Canadian Heritage's Museums Assistance Program, Parks Canada's Western Arctic Field Unit, and other project partners (see full list below), the website

Featured Media

Featured Item

# FIRST ANNUAL REPORT

## *Participation in RDA Activities*

**Sept. 2013: Hosted break-out session at second RDA plenary to discuss IG's goals and develop a list of key questions.**

**April 2014: Break-out session at third RDA plenary, building European and RDA connections.**

**March 2014: Co-chair Mike Fortun participated in RDA/US's Advisory Council Meeting**

**May 2014: Brandon Costelloe-Kuehn joins the IG as an RDA/US Intern and will continue through 2015 as an RDA/US Fellow.**

## *IG Outreach*

**Ongoing and frequent e-mail announcements on DPHE-IG activities, especially the "project shares" (see below)**

**November 2014: The DPHE-IG will introduce our IG and the RDA more broadly to folklorists and other humanities/social science scholars and activists gathered at the American Folklore Society meetings.**

## *IG Development*

**Regular project share webinars, and accompanying interviews with the leaders of these projects, as part of an on-going "environmental scan" of digital infrastructure projects in the humanities.**

**In July 2014, in collaboration with the Provenance IG, we hosted our first "issue share." These webinars will focus on common challenges faced by diverse research communities in order to better link with other RDA groups.**

## *Project Development*

**We have intensified development of the Platform for Experimental, Collaborative Ethnography (PECE, see below) along with a number of digital research ethnographic and historical research projects supported by PECE, including the Asthma Files, the Disaster STS Research Network and a new site built to enable better international research collaborations. Co-chair of the IG Jason Jackson has continued to serve as a leader in Open Folklore, an open-access platform hosting folklore harvested from numerous global sources.**

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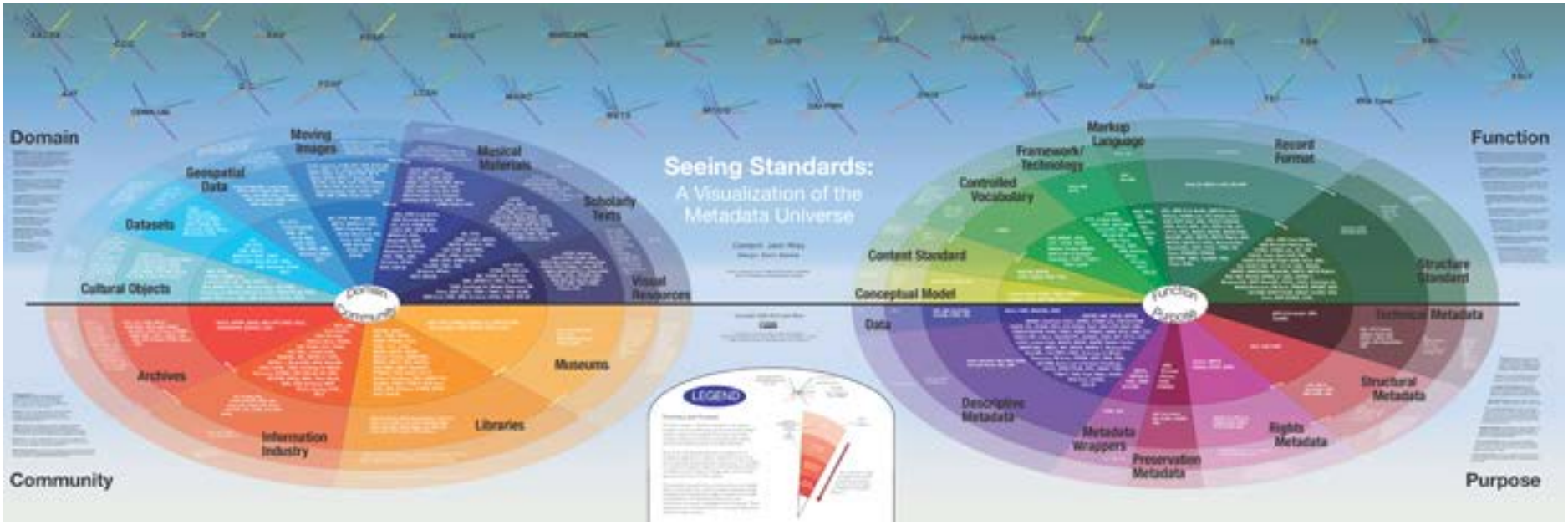
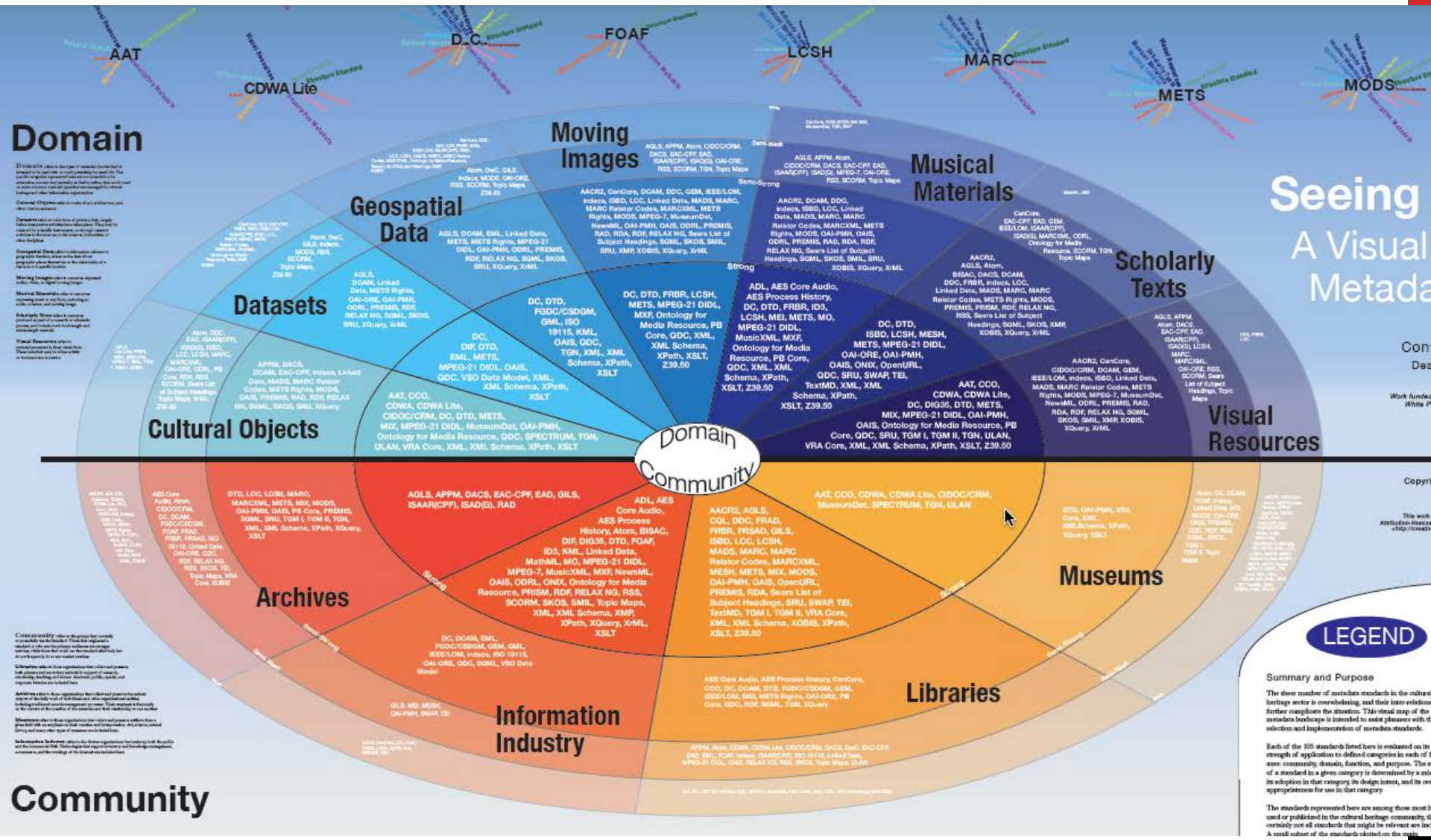
# WG ON METADATA FOR RESEARCHER PRODUCED PRIMARY MATERIAL // SEEING (?) STANDARDS

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Cultural Objects
Visual Resources
Domain
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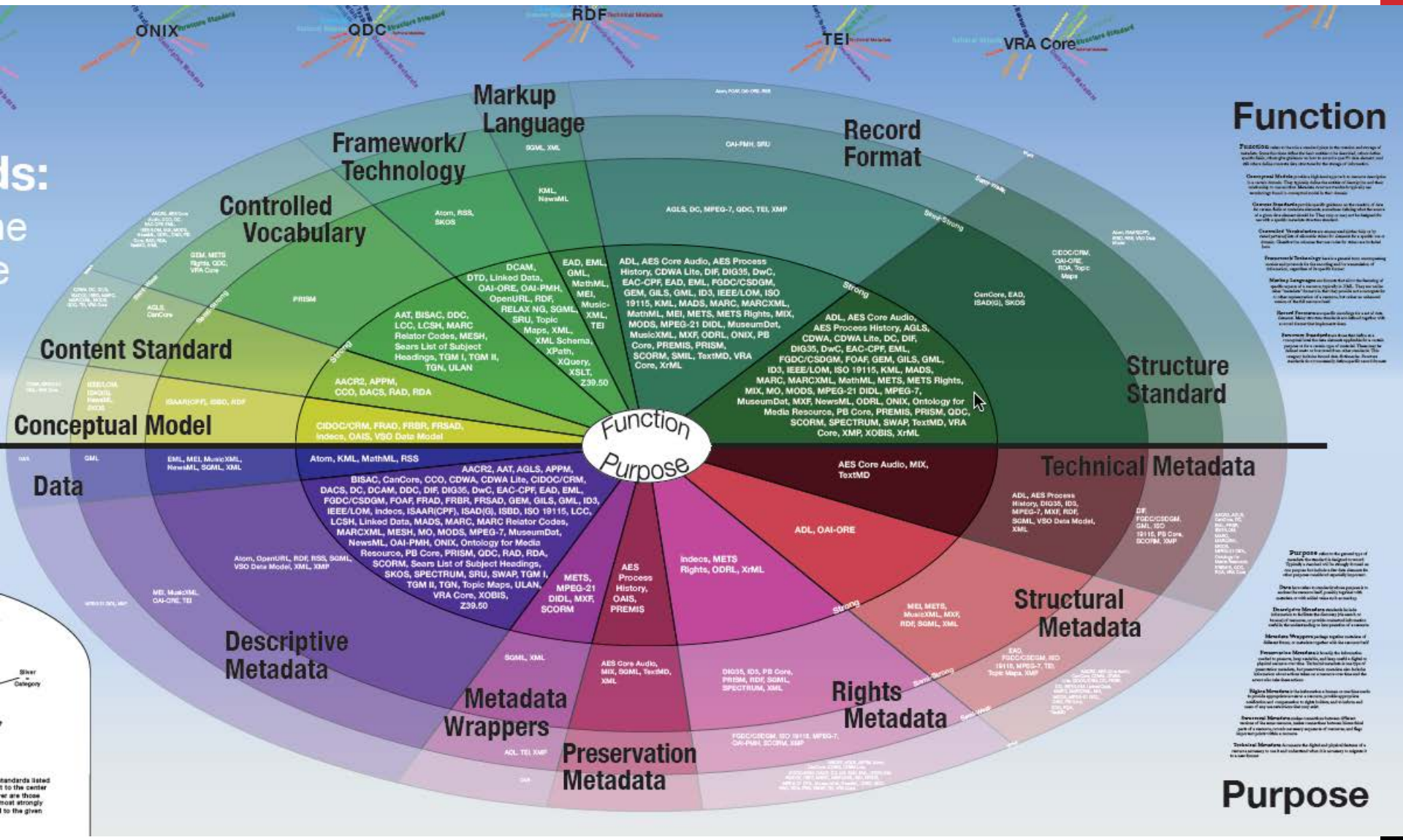
Archives
Museums
Information Industry
Libraries
Community
LEGEND
Summary and Purpose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Markup Language
Framework/ Technology
Record Format
Function
Controlled Vocabulary
Content Standard
Conceptual Model
Structure Standard
Data
Technical Metadata
Descriptive Metadata
Structural Metadata
Metadata Wrappers
Rights Metadata
Preservation Metadata
Purpose
Function
Purpose
SGML, XML
OAI-PMH, SRU
KML, NewsML
Atom, RSS, SKOS
AGLS, DC, MPEG-7, QDC, TEI, XMP
GEM, METS Rights, QDC, VRA Core
PRISM
AGLS, CanCore
DCAM, DTD, Linked Data, OAI-ORE, OAI-PMH, OpenURL, RDF, RELAX NG, SGML, SRU, Topic Maps, XML, XML Schema, XPath, XQuery, XSLT, Z39.50
EAD, EML, GML, MathML, MEI, Music-XML, TEI
ADL, AES Core Audio, AES Process History, CDWA Lite, DIF, DIG35, DwC, EAC-CPF, EAD, EML, FGDC/CSDGM, GEM, GILS, GML, ID3, IEEE/LOM, ISO 19115, KML, MADS, MARC, MARCXML, MathML, MEI, METS, METS Rights, MIX, MODS, MPEG-21 DIDL, MuseumDat, MusicXML, MXF, ODRL, ONIX, PB Core, PREMIS, PRISM, SCORM, SMIL, TextMD, VRA Core, XrML
CIDOC/CRM, OAI-ORE, ROA, Topic Maps
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AAT, BISAC, DDC, LCC, LCSH, MARC Relator Codes, MESH, Sears List of Subject Headings, TGM I, TGM II, TGN, ULAN
AACR2, APPM, CCO, DACS, RAD, RDA
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Visual Resources
Scholarly Texts
Musical Materials
Moving Images
Geospatial Data
Datasets
Cultural Objects
Content Standard
Controlled Vocabulary
Record Format
Structure Standard
Dublin Core
Technical Metadata
Structural Metadata
Rights Metadata
Descriptive Metadata
Archives
Information Industry
Libraries
Museums

Scholarly Texts
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TEI
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Libraries
Museums

# WG CASE STATEMENT



## Working Group on Metadata for Researcher-Created Primary Data in History and Ethnography

### Case Statement Proposal

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CASE STATEMENT PROPOSAL FOR THE METADATA FOR RESEARCHER-CREATED PRIMARY DATA IN HISTORY AND ETHNOGRAPHY WORKING GROUP

Contents

1. WG Charter……1
    a. Short-term goals (M6)
    b. Mid-term goals (M12)
    c. Long-term goals (M18)
    d. Timeframe
2. Value Proposition
    a. Research case

# ITINERARY

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# DIVERSITY WITHIN "DIGITAL HUMANITIES"

## The Empirical Digital Humanities:

"Building digital infrastructure to support more data sharing and collaboration in the empirical humanities is far from straightforward…

**Analytic techniques in the empirical humanities differ from those in social science fields that may collect similar data, and are more akin to those used in literary and philosophical research, relying primarily on hermeneutics (interpretation for explanation and evocation rather than representative or statistical sampling for identification and validation).**

The goal is not to develop a concise and consistent view of an object, but **to produce and explore multiple views of an object, leveraging "epistemological pluralism"** (Keller 2002; Turkle and Papert 1990).

Indeed, **providing multiple, different interpretations and ways of representing particular phenomena**… is *the key task* for humanities researchers. Computational advances that support open-ended, underdetermined engagement with digital content that enables (even encourages) drift and transmutation in the way content is identified and taken up in analysis, are thus required.

# MAPPING DIVERSE DATA PRACTICES IN THE RDA (& BEYOND)

**Data Across Disciplines: A (Ethnographic) Project to Understand Diverse Data Cultures, Practices and Infrastructure within the Research Data Alliance**

In collaboration with the Engagement IG, we aim to understand differences across disciplines to enable better collaboration between disciplines within and beyond the RDA.

This ties in with both our **Metadata WG plan** and our adoption of deliverables from the **Practical Policies WG**

**BoF session: Monday 4pm-6:30pm**

# DATA STORIES BLOG



Search …

RECENT POSTS

Data Policy for Marine Data Sharing in Italy
DataONE collection of data stories
"Lords of Data" massage data to falsify results
data stories – beginning
Welcome to the data stories blog

RECENT COMMENTS

ARCHIVES

March 2015
October 2014

CATEGORIES

Blog management
collection
ethics

**POSITIVE**, **PUBLICATION**

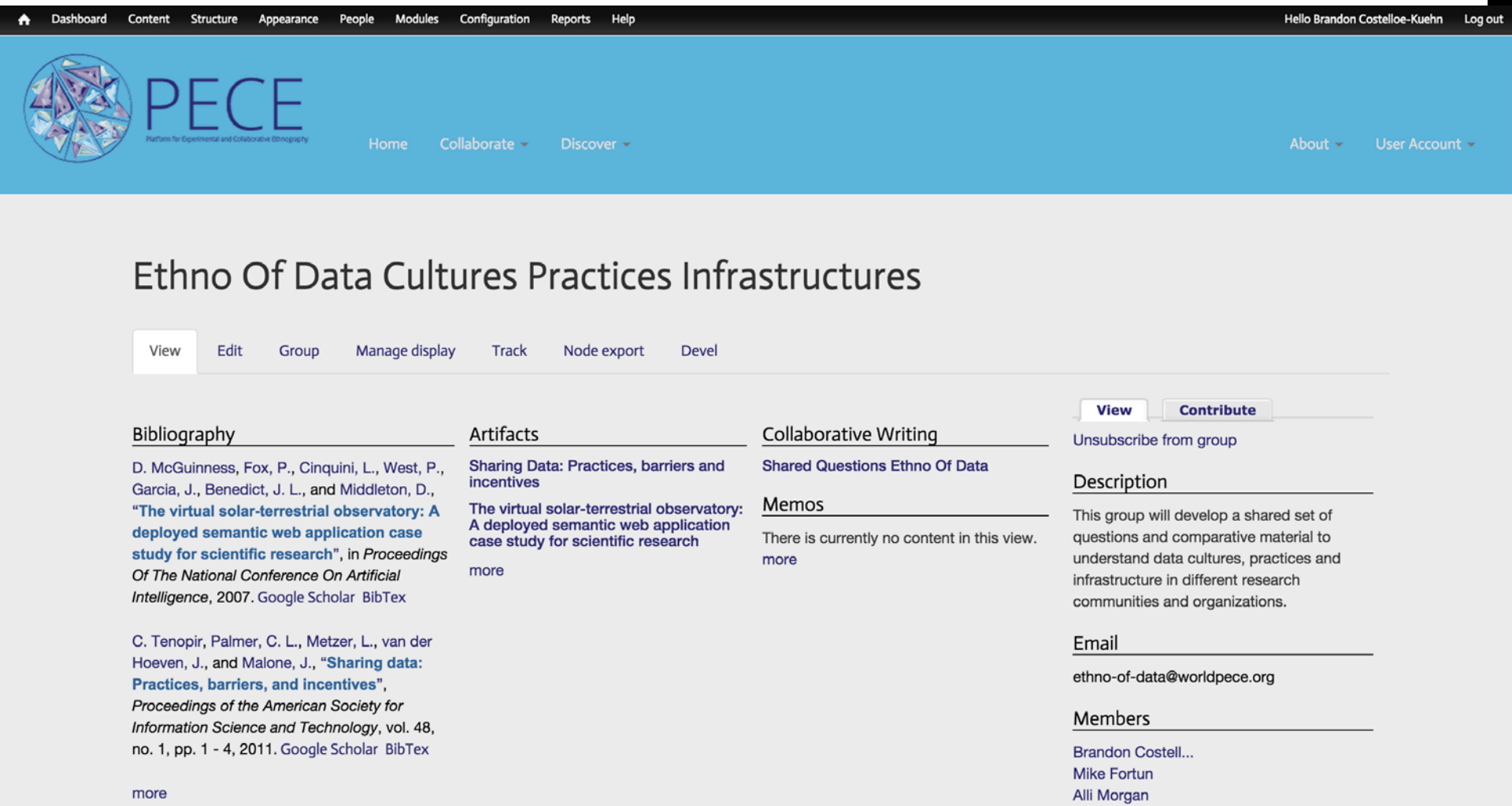
## DATA POLICY FOR MARINE DATA SHARING IN ITALY

MARCH 6, 2015 MONICA DUKE LEAVE A COMMENT

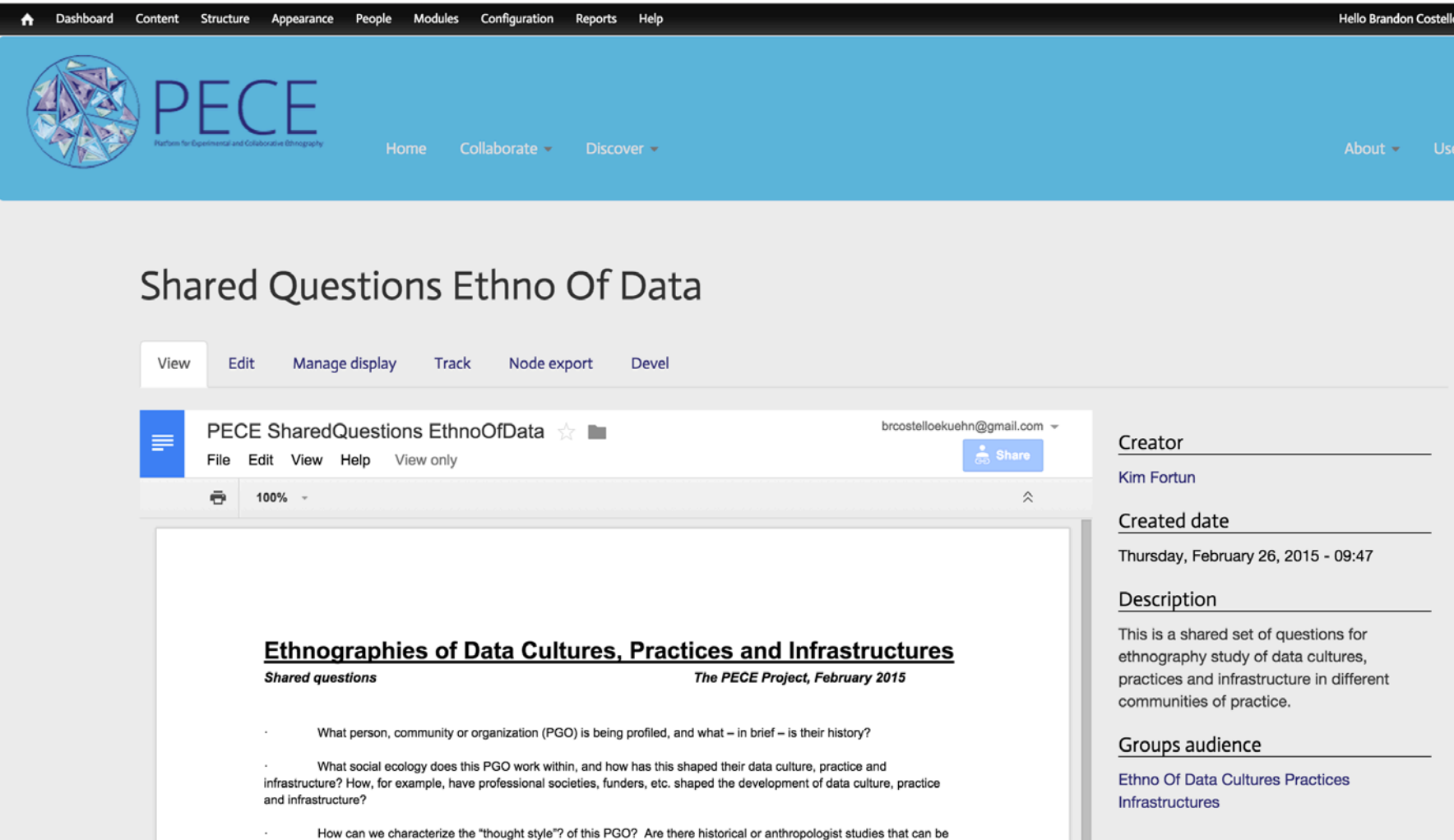
The RITMARE Flagship Project, funded by the Italian Ministry for Education, University and Research, integrates national marine research of the whole Italian marine research community. To overcome barriers to data access, the RITMARE project issued a data policy – an agreement on how to share the data and products (see full document in Italian here http://figshare.com/articles/RITMARE_Data_Policy_document/1235546).
Below are the highlights of the RITMARE RDP:

1. The rules apply to both the RITMARE community and to the external users.
2. The generator (and the owner if other than the generator) must be named in all cases.
3. Anyone interested in publishing the data within the first two years from data creation, should verify if the data generator wants to participate as co-author.
4. A moratorium of 6, 12, or 18 months can be set for data generators to have primary publication rights.

# PECE INSTANCE: ETHNOGRAPHY OF DATA CULTURE, PRACTICES, INFRASTRUCTURES



# COLLABORATIVELY PRODUCED SHARED QUESTIONS



# ACKNOWLEDGEMENTS // GETTING INVOLVED

***Thanks to the co-chairs of the DPHE-IG for their support: Kim Fortun, Mike Fortun and Jason Jackson. Thanks to RDA/US for helping me feel welcome in an exhilarating new research network.***

***Join our IG mailing list for announcements on project shares, issues shares and other events.***

***BoF: Data Across Disciplines Monday 4pm – 6:30pm***

***IG Breakout: Wednesday 1:30pm – 3pm***