# Leibniz-Institut für Länderkunde

Leibniz Institute for Regional Geography

# Where have all the Atlases gone?

EuroCarto 2015, 12 November 2015

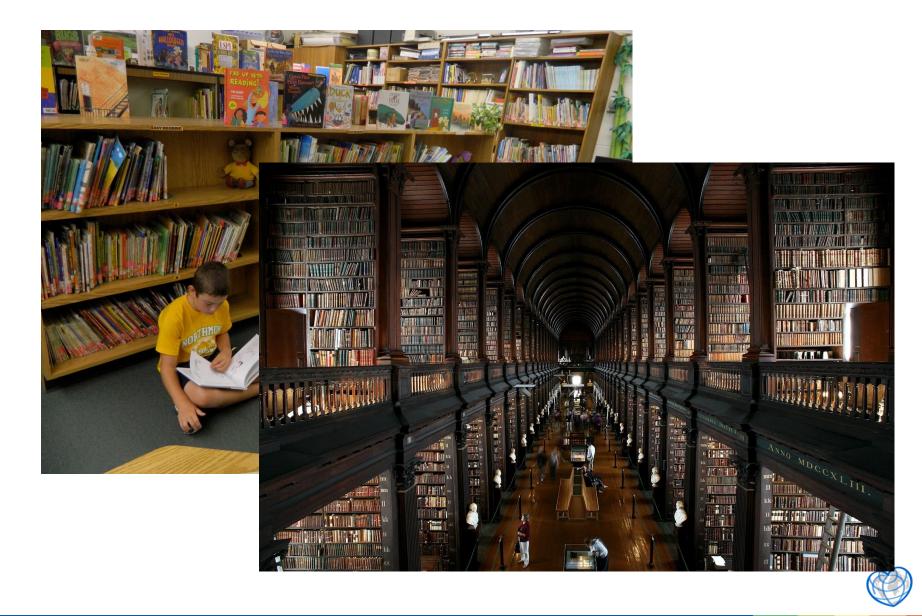


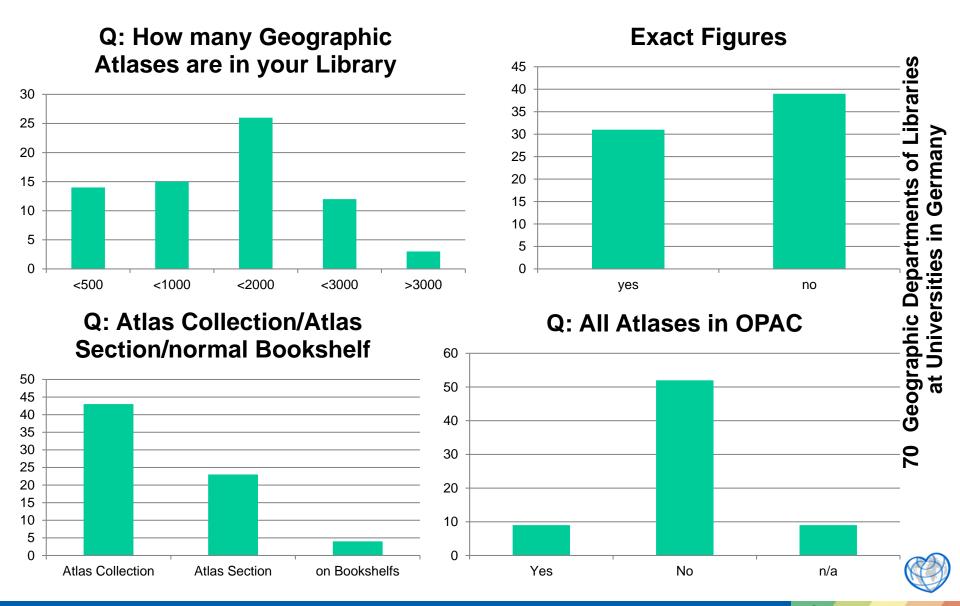


VIENNA, 10-12 NOVEMBER 2015



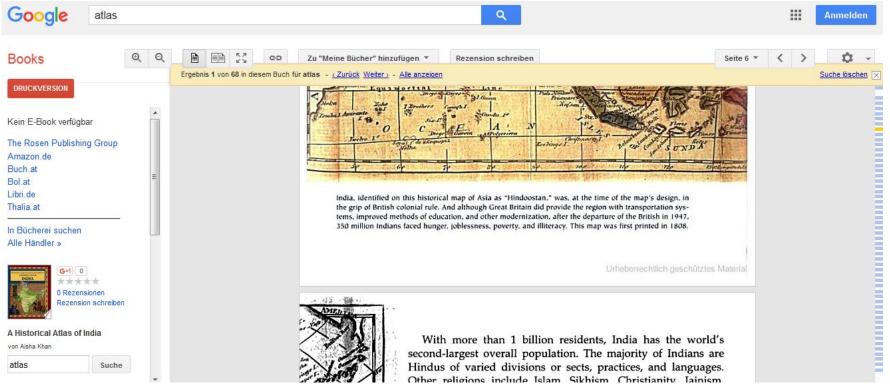






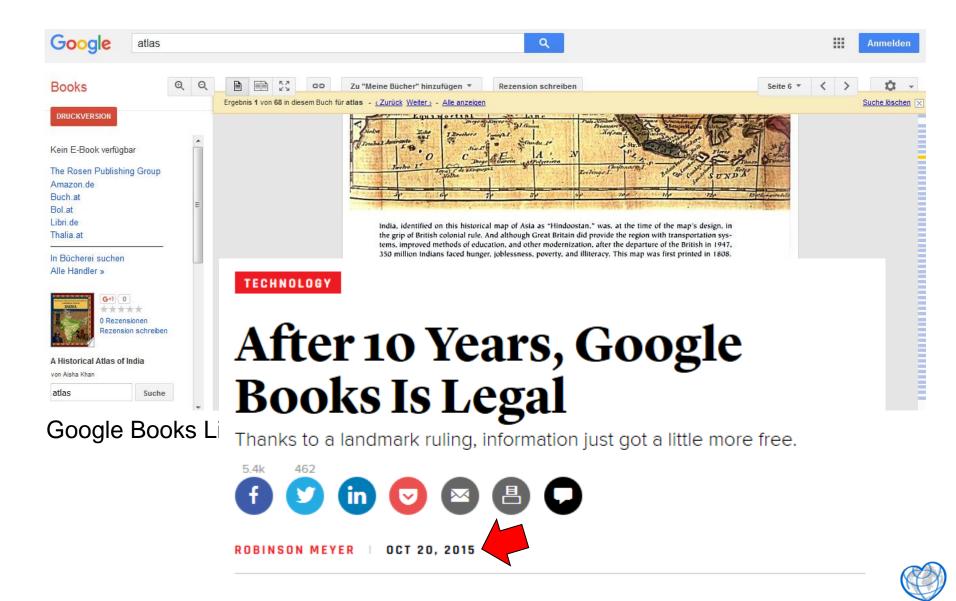
E. Losang – Leibniz-Institute for Regional Geography – Where have all the Atlaeses gone? – EuroCarto 2015, Vienna 12 November 2015



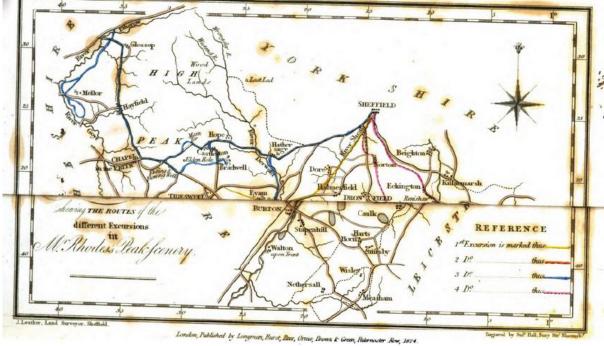


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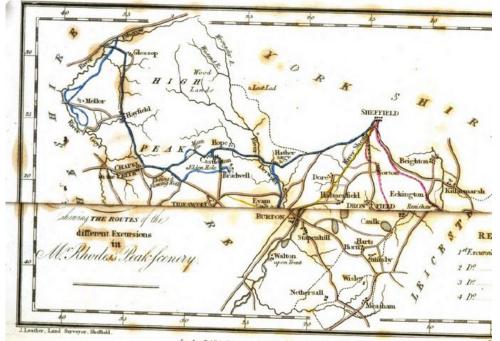




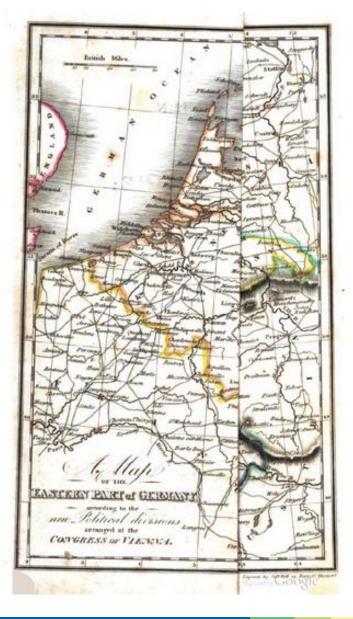


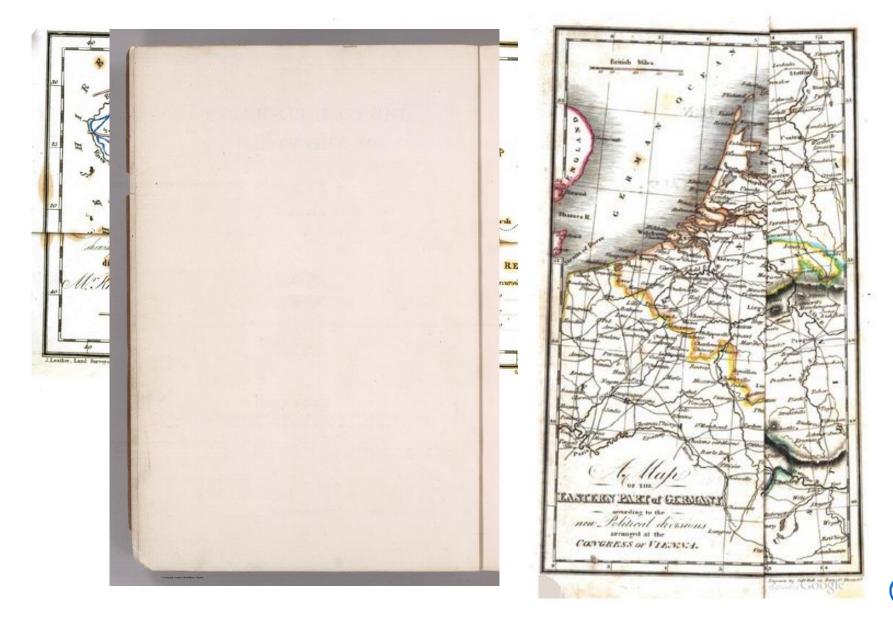






London, Published by Longman, Hurst, Res, Orme, Brown & Green, Rubernoster Row, 1824.







Herbert Bayer (ed.) 1953: World Geo-Graphic Atlas



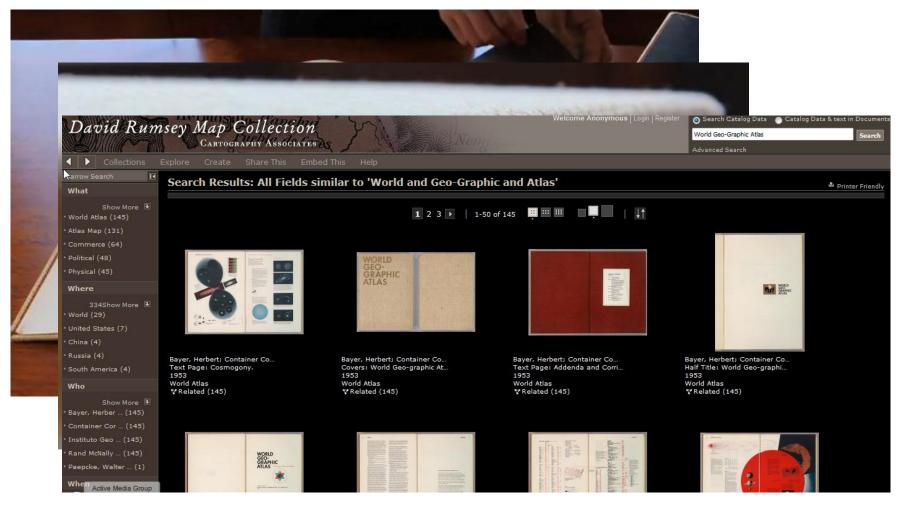


Herbert Bayer (ed.) 1953: World Geo-Graphic Atlas





### Herbert Bayer (ed.) 1953: World Geo-Graphic Atlas





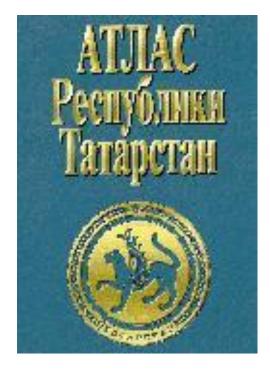
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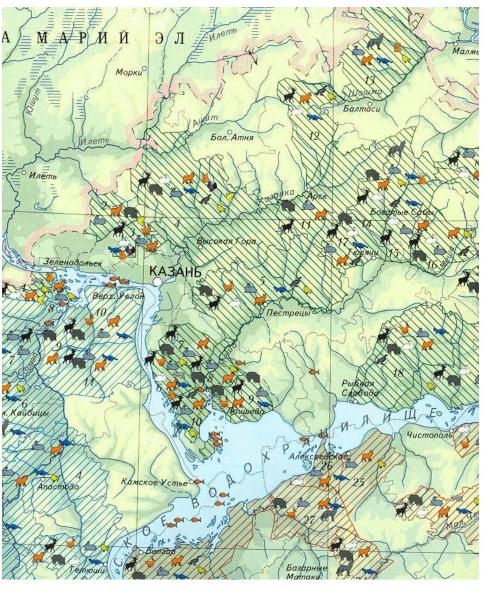




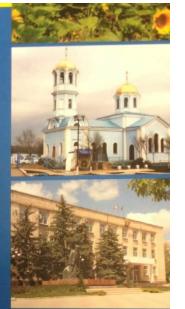


Atlas of the Republik of Tartastan





# GAGAUZÍYA (GAGAUZ YERÍ) AVTONOM BÖLGESÍ ATLASI



ATLASUL UTA GĂGĂUZIA (GAGAUZ YERI)

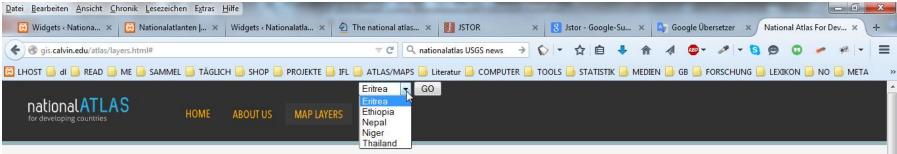
> АТЛАС АТО ГАГАУЗИЯ (ГАГАУЗ ЕРИ)

ATLAS OF ATU GAGAUZIA (GAGAUZ YERI)



# Atlas of autonomous region of Gagauzia





### Thematic Layers

National atlases give readers a variety of maps from which to consume. These maps are usually organized into thematic layers. The various map layers are defined here for better understanding of our themes found in the various national atlases we provide.



#### Geography

This section contains the physical and political geography of the country

#### People

This section contains the population and demographics for the country

#### Economics

This section contains the financial and monetary maps for the country

#### Education

This section contains the education, schooling, and literacy for the country

#### Energy & Communication

This section contains the energy development and telecommunication maps for the country

#### Government

This section contains the voting and reprensentation maps for the country

#### Health

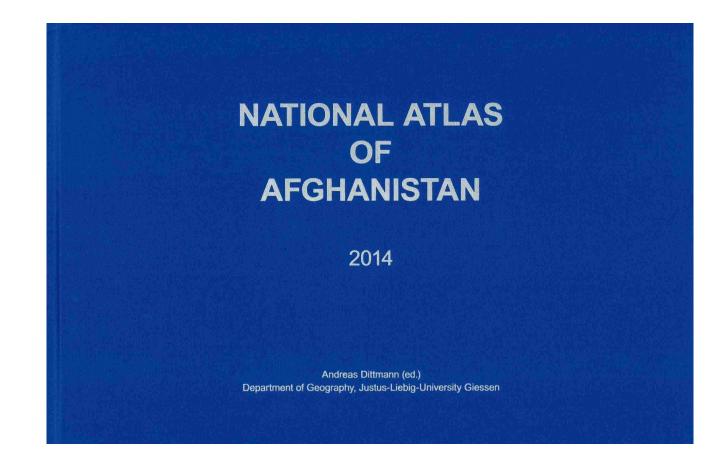
This section contains the health information for the country

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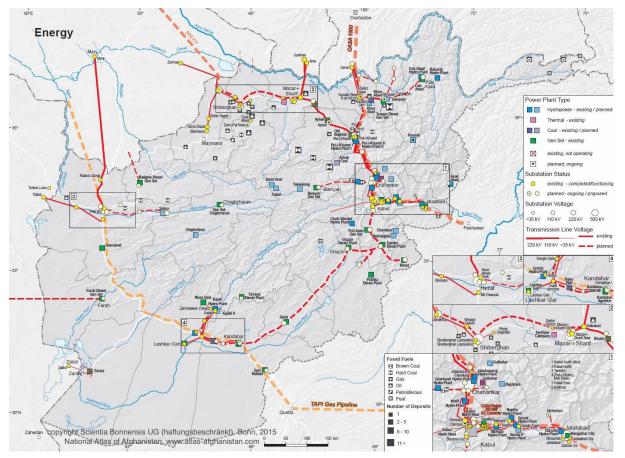
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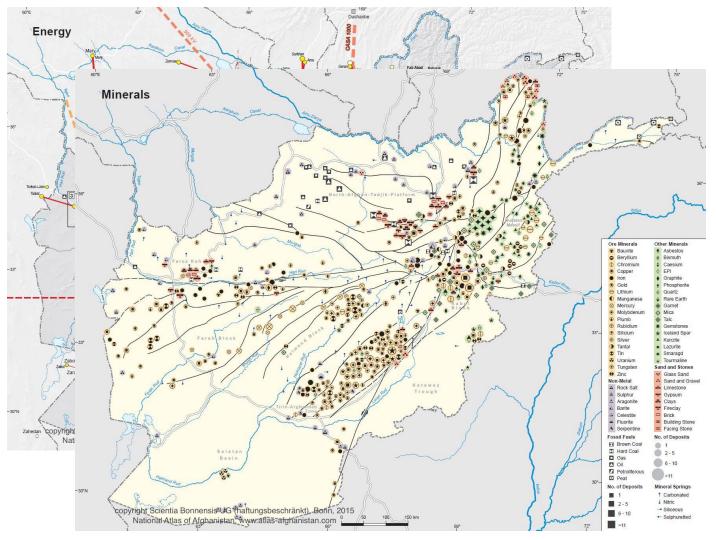
### developed by the students and faculty at Calvin College, Grand Rapids, Mich.



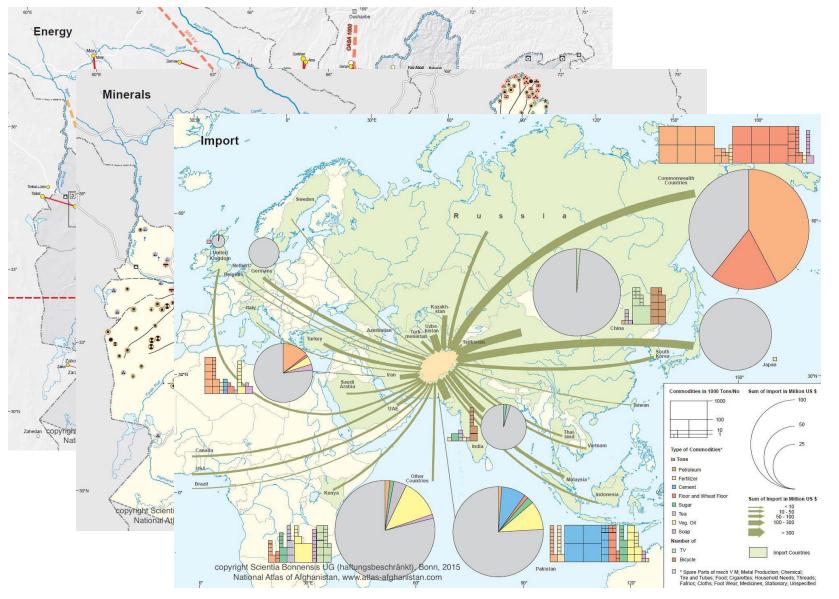


National Atlas of Afghanistan





National Atlas of Afghanistan



### CARTOGRAPHY

National Atlas of Afghanistan



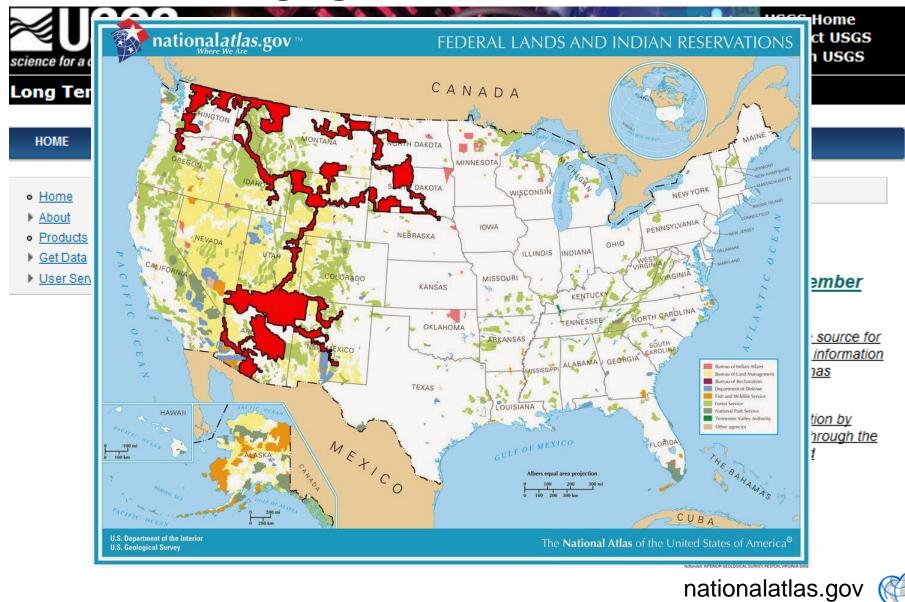
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					The National Map to provide a single source for		

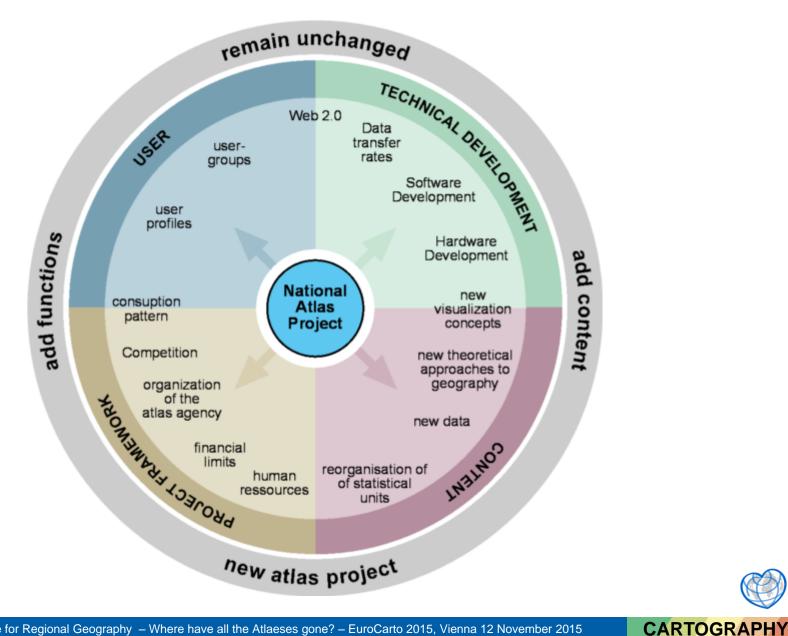
from the U.S. Geological Survey (USGS) National Geospatial Program. USGS budget austerity has compelled the prioritization of civilian mapping and the consolidation of core investments.

<u>USGS will continue its long history of providing topographic maps and other geographic information by</u> <u>offering a range of scales and layers of geospatial information on its National Map Viewer and through the</u> <u>US Topo product. As a result of the conversion to an integrated single source for geospatial and</u> <u>cartographic information, nationalatlas.gov was removed from service on September 30, 2014.</u>



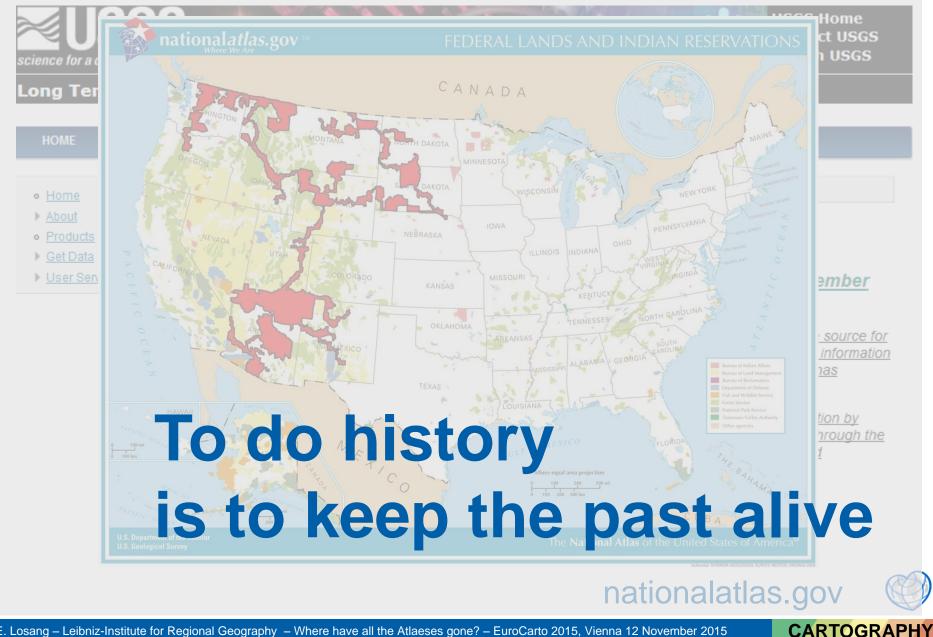


### National atlases – a framework of challenges





E. Losang – Leibniz-Institute for Regional Geography – Where have all the Atlaeses gone? – EuroCarto 2015, Vienna 12 November 2015



### Searching for a National Atlas of ...



11.02.2013 - The Wikimedia Atlas of the World is an organized and commented ... La République de Madagascar est un État insulaire, situé dans la partie ... General maps - Old maps - Other maps - Satellite maps

Madagascar Atlas: Maps and Online Resources | Infoplease.com www.infoplease.com/atlas/country/madagascar.html 
Diese Seite übersetzen
Map of Madagascar & articles on flags, geography, history, statistics, disasters current
events, and international relations

Atlas de Madagascar - Madagascar Library www.madagascar-library.com/r/1083.html T Diese Seite übersetzen Madagascar Library information for Atlas de Madagascar.

### Madagascar - Euratias

www.euratlas.net/world/countries/madagascar.html Diese Seite übersetzen World Atlas - the Countries of the World : Madagascar - Madagasikara. Republic of Madagascar, Repoblikan'i Madagasikara, République de Madagascar, ...

### Madagaskar – Wikipedia 📶

de.wikipedia.org/wiki/Madagaskar \*

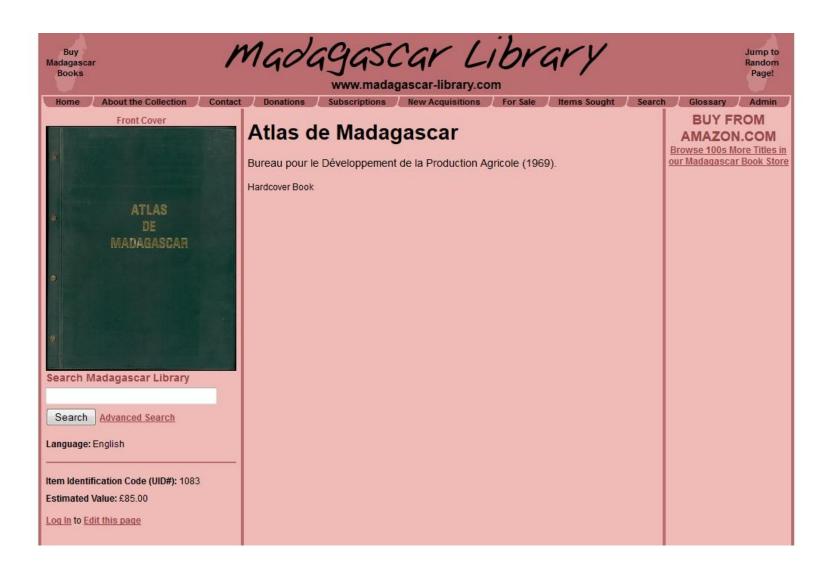
République de Madagascar (franz.) Republik Madagaskar ...... Wikimedia-Atlas: Madagaskar – geographische und historische Karten. Wikisource: Konvention ...

### Atlas des bois de Madagascar - CIRAD

www.cirad.fr > Home > News > All news items T Diese Seite übersetzen 11.07.2012 - Atlas des bois de Madagascar : This book describes 187 species of wood in Madagascar that are or can be used for joinery, cabinet-making, ...

Atlas of the vegetation of Madagascar (Atlas de La ... - Andrew Isles www.andrewisles.com/.../atlas-of-the-vegetation-of-... T Diese Seite übersetzen Atlas of the vegetation of Madagascar (Atlas de La vegetation de Madagascar).( 9781842461983) : Moat, Justin and Paul Smith. : NEW BOOKS.







Madagascar: Maps, History, Geography, Government, Culture, Facts ... www.infoplease.com > ... > Countries > Madagascar Diese Seite übersetzen Learn about the history, geography and culture of Madagascar and find statistical and demographic information.

Tsingy de Bemaraha National Park and Nature Reserve | Atlas ... www.atlasobscura.com/places/tsingy-de-bemaraha \* Diese Seite übersetzen Tsingy de Bemaraha National Park and Nature Reserve ... In several regions on western Madagascar, centering on this National Park and adjacent Nature ...

Madagaskar – Wikipedia 📢

de.wikipedia.org/wiki/Madagaskar \*

République **de Madagascar** (franz.) ..... auf **Madagaskar** wurde lange von der staatlichen Réseau **national** des chemins **de** fer malagasy betrieben, im Zuge einer ...

### Nationalatlanten

www.univie.ac.at/fbgeo/Kartensammlung/Nationalatlanten.htm \*

Kenya, National Atlas of Kenya, Survey of Kenya, 1970, 3. Ed. Kolumbien, Atlas de Colombia, 1977. Madagaskar, Atlas de Madagaskar, um 1970. Malawi, The ...

### WWF WildFINDER - World Wildlife Fund

worldwildlife.org/science/wildfinder/ \* Diese Seite übersetzen

Thank you for your interest in WildFinder. We regret to inform you that you may not view this application on an iPad or Apple device at this time. Please visit us ...

[FLASH] fanden 11 Olympische Sommerspiele statt. Ihre ... - nationalatlas... www.nationalatlas.de/animationen/olymp7.swf

Schongauerstraße 9, 04329 Leipzig, Germany. www.ifl-leipzig.de. Verantwortlich: ... Madagaskar. Sonst79. Sonst79. Libanon. Laos. Südkorea. Kenia. Irak.

### Ergebnisse für ähnliche Suchen

nationalatlas.de



LAND (Region)		NATIONALATLANTEN		
Afrika		The Atlas of Africa (Atlas jeune Afrique)		1973
Andalusien	Kart 875/1	Atlas de Andalucia	Junta de Andalucia	1998
Argentinien		Atlas de la Republica Argentina	IGM	o.J.
Brsilien		Atlas Nacional do Brasil	IBGE	1966
Canada		Atlas of Canada		
China		The Population Atlas of China		1987
CSSR		Ceskoslovensky vojensky Atlas		1965
Finnland		Atlas of Finland		1960
Griechenland		Economic and social atlas of Greece		1964
Indien		National Atlas of India Vol. I-VIII		ab 1986
Irland		Atlas of Britain and Northern Ireland		1963
Irland	Kart 553	Atlas of Ireland	Royal Irish Academy	1979
Israel		Atlas of Israel	Survey of Israel	1970
Italien		Atlante Tematico d'Italia 1-4	Touring Club Italiano	1992
Japan		The National Atlas of Japan	Geogr. Survey Inst.	1990
Kenya		Atlas of Kenya	Survey of Kenya	1959
Kenya		National Atlas of Kenya	Survey of Kenya	1970, 3. Ed.
Kolumbien		Atlas de Colombia		1977
Madagaskar		Atlas de Madagaskar		um 1970
Malawi		The National Atlas of Malawi		um 1980
Mexiko		Atlas Nacional de Mexico Vol. I-III	Universidad Nacional de Maxico	1990
Niederlande		Atlas van Nederland		2 Ex.
Peru		Atlas del Peru	IGN/ Min. del defenso	1989
Polen		Atlas rzeczypospolickj Polskiej		
rhodesien		Rhodesia - It's National Ressources and Economic Development		1965
Rumänien	Kart 317	Atlas Republica Socialista România		o.J.
Schweiz	Kart 145	Atlas der Schweiz		2.Ex.
Olama		Atlas Slovenskej Socialistickej Republiky		1980, 3. Ex.
Slowenien				1005
Spanien		Atlas Nacional de Espana, Tomo I	IGN	1995
Spanien UdSSR Region Karelien		Atlas of the Leningrad Region and of the Karelian A.S.S.R.		
Spanien UdSSR Region Karelien Uganda		Atlas of the Leningrad Region and of the Karelian A.S.S.R. Atlas of Uganda	IGN Dept. of Lands and Suveys	1995 1962, 2 Ex.
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Spanien UdSSR Region Karelien Uganda		Atlas of the Leningrad Region and of the Karelian A.S.S.R. Atlas of Uganda		



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							LeCavil, Bernard (PE , 1)	
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#### **Searching for a National Atlases**

- no information but bibliographic data (MARC Notation)
- hard to find because one often don't even know the title to look for e.g.
  - Magyarorszag Nemzeti Atlasza (Hungary)
  - Atlasul Republicii Romania (Romania)
- Lack of information on topics, size, types of maps etc.
- Lack of images, sample pages
- Lack of additional material related to the atlas project e.g. website, publications on the specific atlas
- there is no comprehensive National Atlas Database in existence covering these issues



#### **National Atlas Database**



#### Nationalatlanten Datenbank

Im Zeitalter der Digitalisierung finden nach und nach auch die Nationalatlanten und Karten ihren Weg ins Internet. Allerdings meist nur nach Online-Version oder als Projektbeschreibung.

Dieser Bereich von **nationalatlas.de** möchte einen Überblick über aktuelle und vergangene Nationalatlasprojekte geben. Vorerst auf der Basis der Atlantensammlung der <u>Geographischen Zentralbiblio-</u> <u>thek</u> am <u>Leibniz-Institut für Länderkunde</u> entsteht hier eine Atlasdatenbank, in der neben den Print-Ausgaben auch elektronische (CD/DVD) und Onlineausgaben vorgestellt, und verlinkt werden.

Das Archiv umfasst neben weiterführender Informationen zum Thema Nationalatlanten eine ständig er-

#### atlanten.nationalatlas.de



#### NATIONALATLANTEN ARCHIV

Die erfassten Bestände erschließen sich durch die Suche über die folgenden Kategorien. Sei können selbstverständlich per Volltextsuche auf die Meta-Daten der Nationalatlanten zugreifen.



# From database to information system – questions and requirements

- How to deal with national atlases that normally being primarily treated as regional atlases (Nationality Atlas)?
- Providing high or at least medium resolution scans of the atlases
- Add information on the projects context (funding, sponsorship)
- Option to add comments and add in Information (registered ins Internet. Allerdings meist nur nach Online-Version oder als Projektbeschreibung. USERS)

Dieser Bereich von nationalatlas.de möchte einen Überblick über aktuelle und vergangene National-

Die erfassten Bestände erschließen sich

- Add information where the atlas can be used physically vol-Ausgaben auch elektronische (CD/DVD) und Onlineausgaben vorgestellt, und verlinkt werden. (linking library entries/information)

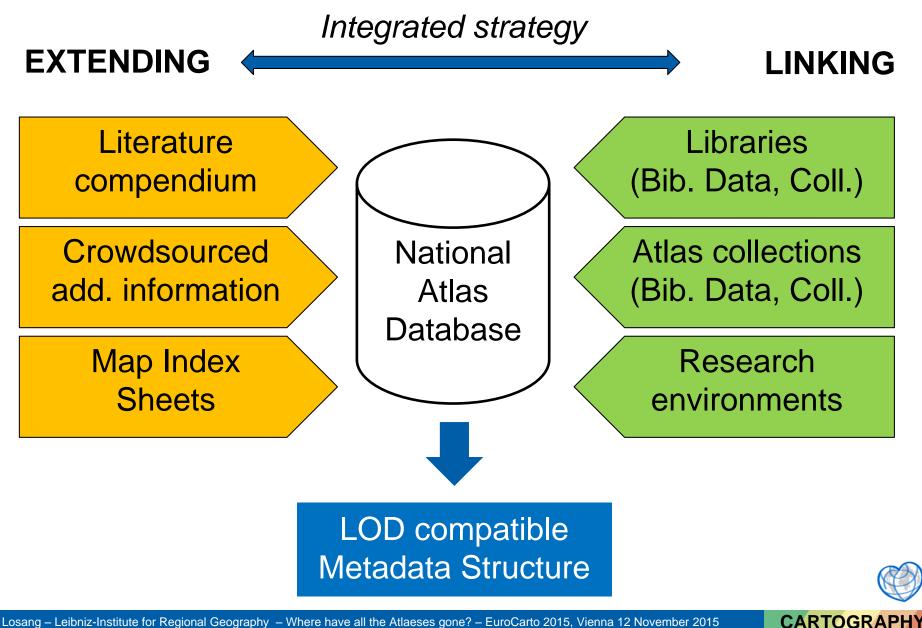
Das Archiv umfasst neben weiterführender Informationen zum Thema Nationalatlanten eine ständig er-

- Add specific (cascading) filters for searching the database



CARTOGRAF

#### From database to information system



E. Losang – Leibniz-Institute for Regional Geography – Where have all the Atlaeses gone? – EuroCarto 2015, Vienna 12 November 2015

#### Metadata standards

MARC (Machine-Readable Cataloging) standards are a set of digital formats for the description of items catalogued by libraries, such as books. MARC formats, and UNIMARC, widely used in Europe. is based on the ANSI standard Z39.2, which allows users of different software products to communicate with each other and to exchange data.

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Massachusetts. Topographical Survey Commission.

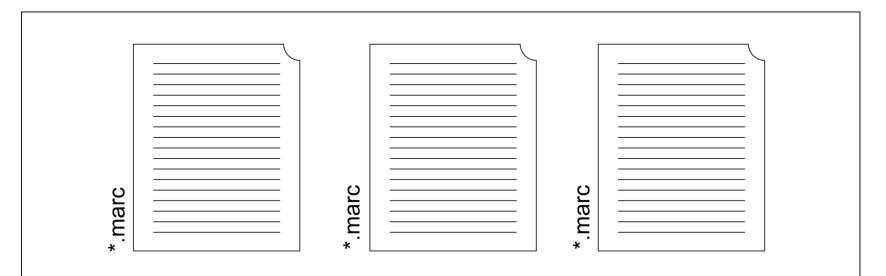
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Atlas of Massachusetts, 1884-1890

Preliminary edition, subject to correction.

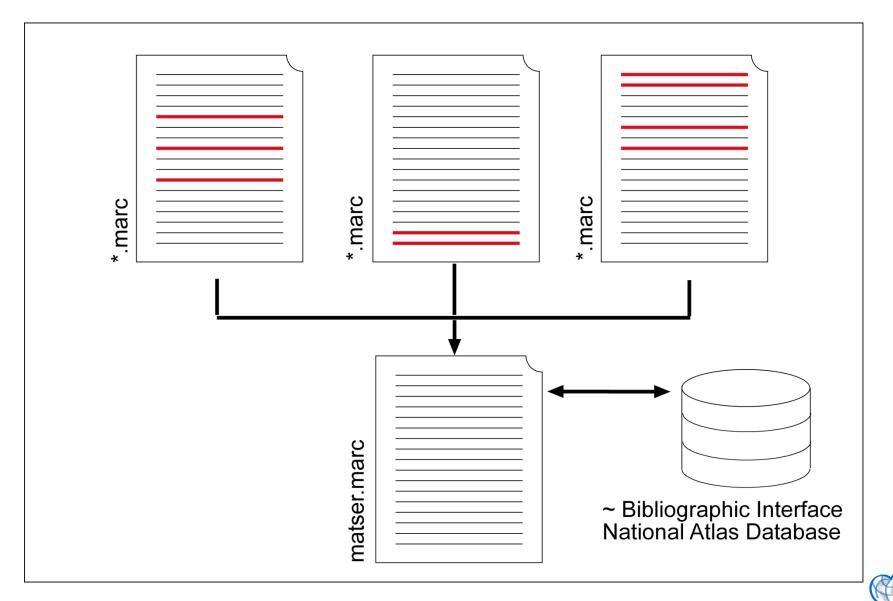
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#### Metadata standards – be part of the system



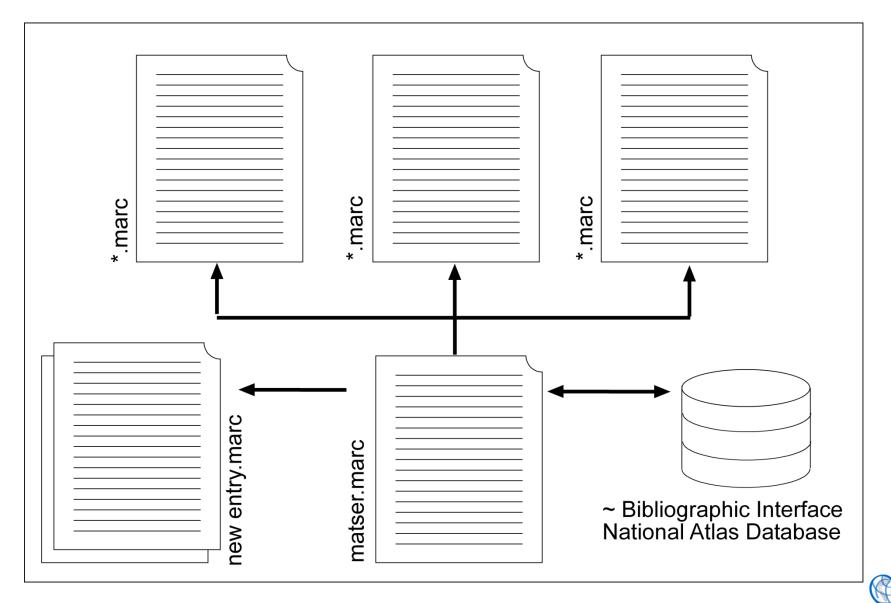


#### Metadata standards – be part of the system





#### Metadata standards – be part of the system





#### Metadata standards – complement the system



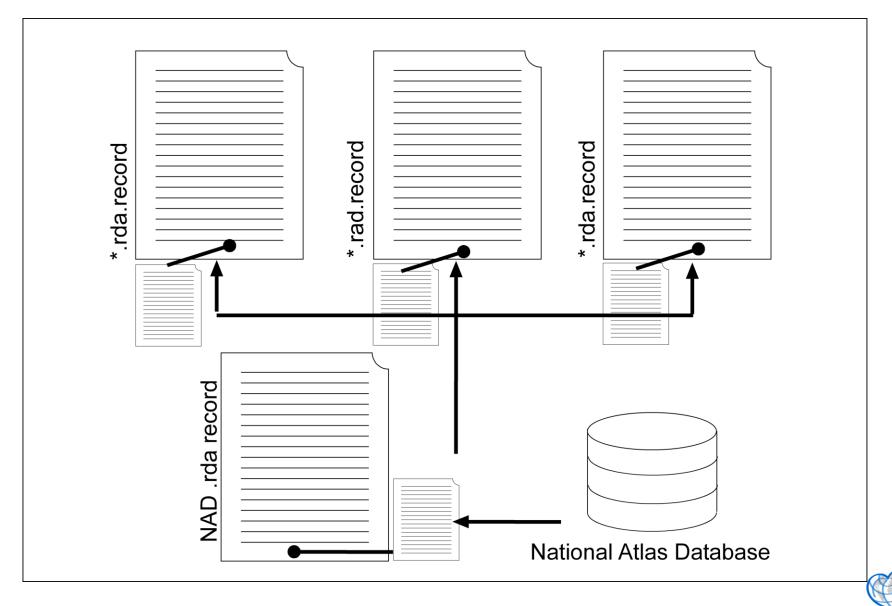
RDA: Resource Description and Access is the new standard for resource description and access designed for the digital world.

RDA provides a comprehensive set of guidelines and instructions on resource description and access covering all types of content and media.

RDA can be linked to different standards via interface, thus open up meta data management to external services.

RDA is compatible to MARC21 and will replace/complement this standard over the next five years.

#### Metadata standards – complement the system



#### "Data Harvesting" - JSTOR-API

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### Outlook

#### **Production steps (2016)**

- bilingual frontend
- open the system for user comments
- link database to specific Libraries
- implement a linked review section (International Electronic Journal Index, Spec. cartographic Journals, International Bibliography of reviews - IBR)
- implement a JSTOR API
- Project with the Bavarian State Library on improving implementation metadata concepts for atlases
- discuss a strategy of long term archiving CD/DVD atlases



#### Outlook

- Production/development steps (2017)
- implement a linked compendium of national atlases related literature (no reviews)
- implement a graphic time-space search module
- open the database for collaborative information input

#### **Development steps (2018)**

- Integration fo additional content related research tools (LOD research API)
- Defining a strategy of long term archiving online atlases



# Leibniz-Institut für Länderkunde

For more information get in touch: E\_Losang@ifl-leipzig.de Leibniz Institute for Regional Geography, Leipzig, Germany Department for Cartography and Visual Communication

## Let's save the Atlases

#### A propos names

- NAtlantIS Nationalatlanten Informationssystem
   National Atlas Information System
- ARE Atlas Research Environment
- NARE National Atlas Research Envoironment
- NAVRE National Atlas Virtual research Environment
- HUMBOLDT

## We are open for your ideas!



#### Where are "all the Atlases"?

No inter library loan

Problem of Google scans

High resolution example maps

The disolved Atlas – David Rumsey

Atlases on non rewritable data storage (CD/DVD)

Soft- and hardware Museum

The dissapearing Atlases on the Internet

New Atlas concepts (entziehen nsich der Archivierung)

