

LAS MENTIRAS DE LA CARTOGRAFÍA

Universidad de Mayores
José Saramago

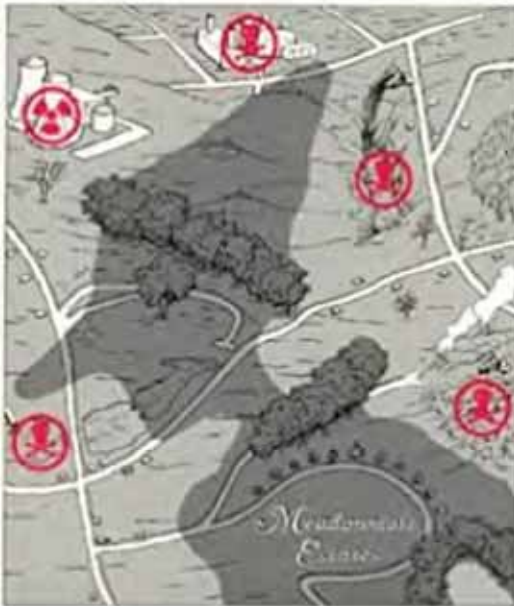
Universidad de Castilla La
Mancha

Juan Antonio García González
Geografiando en las nubes ; -)
orcid.org/0000-0001-7049-1085



HOW to LIE with MAPS

MARK MONMONIER



Mark Monmonier

How to Lie with Maps

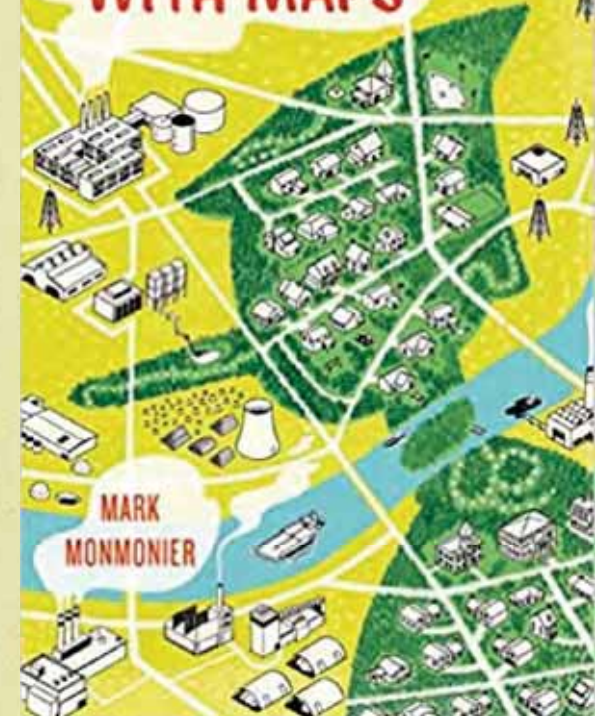
Second Edition



With a new Foreword by H. J. de Blij

HOW TO LIE WITH MAPS

3rd Edition





EL PODER DE LA IMAGEN



THE IMPORTANCE OF THE PLACE



WHERE?

How do the place affect identity



**Todo
sucede en
algún
sitio**



<http://weburbanist.com/2012/04/24/art-imitates-digital-life-real-world-google-map-pins/>



DEMOCRATIZACIÓN EN EL ACCESO A LA INFORMACIÓN CARTOGRÁFICA

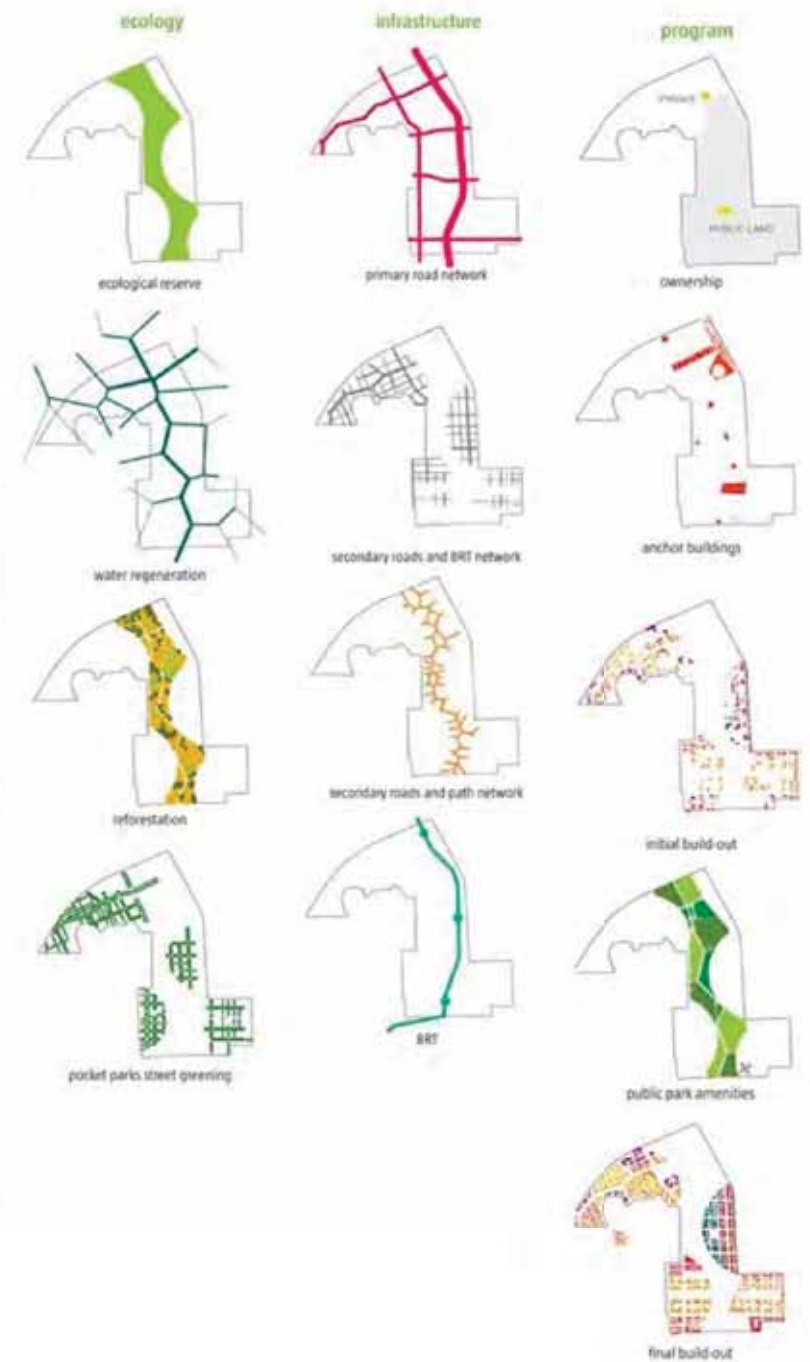
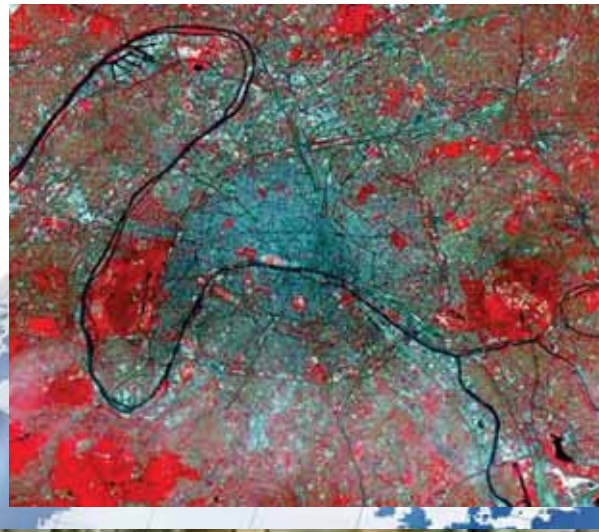
<http://fuckyeahcartography.tumblr.com/post/9216215435/artpause-abstract-mondrian-style-world-map>

MODRIAN?

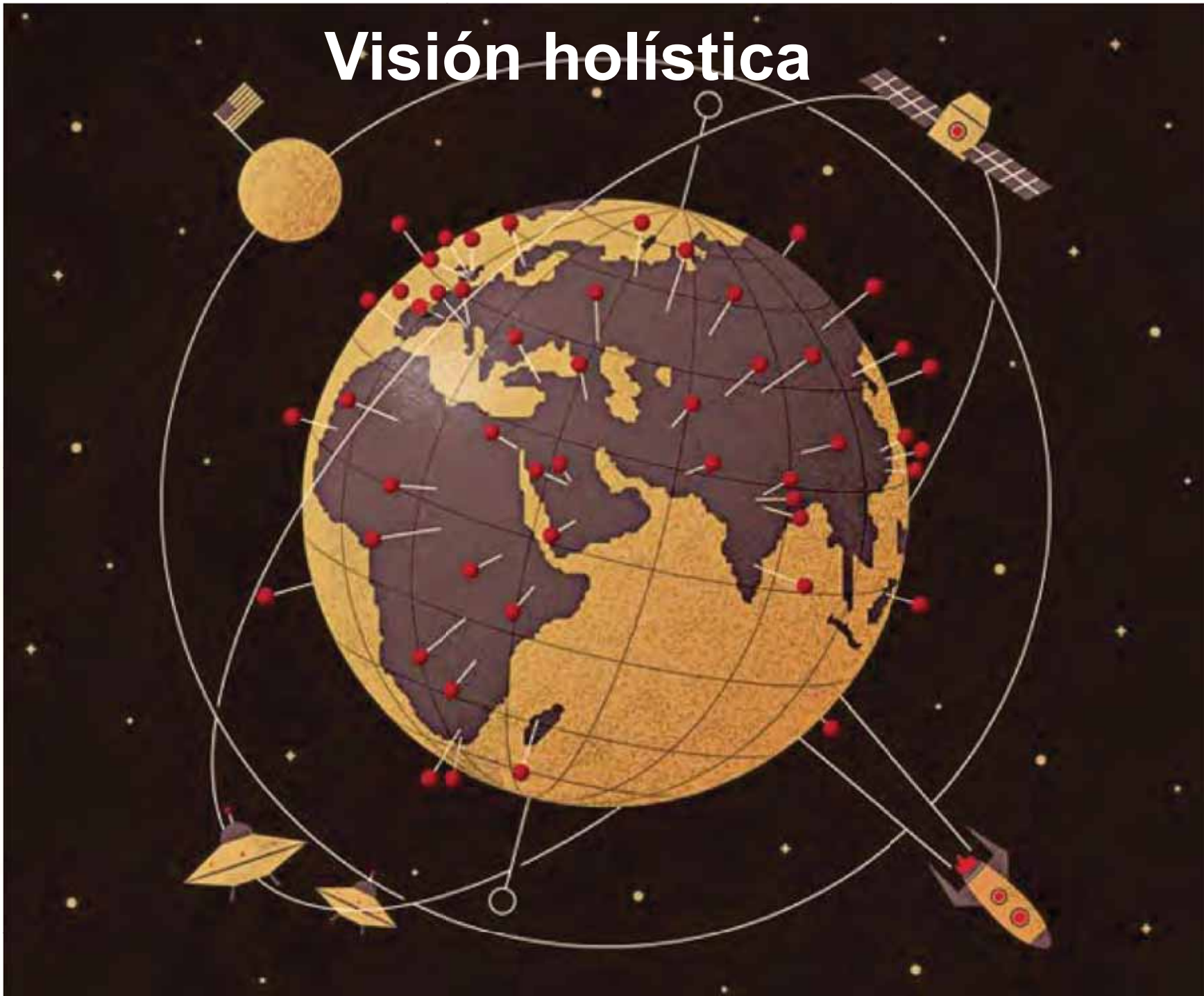
¿QUÉ ES UN MAPA?

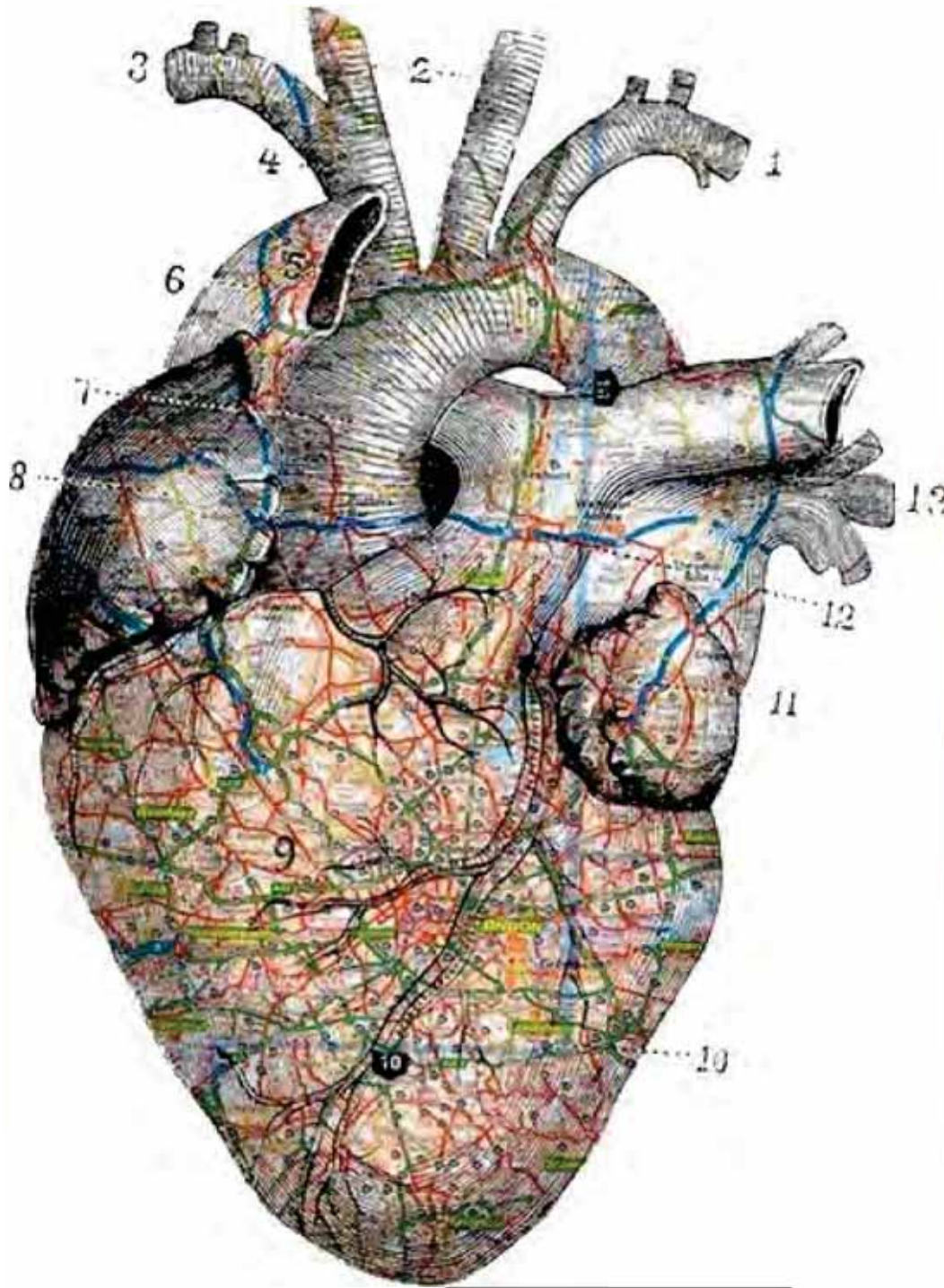
http://es.wikipedia.org/wiki/Piet_Mondrian

EL MAPA NO ES UNA IMAGEN DE LA REALIDAD



Visión holística





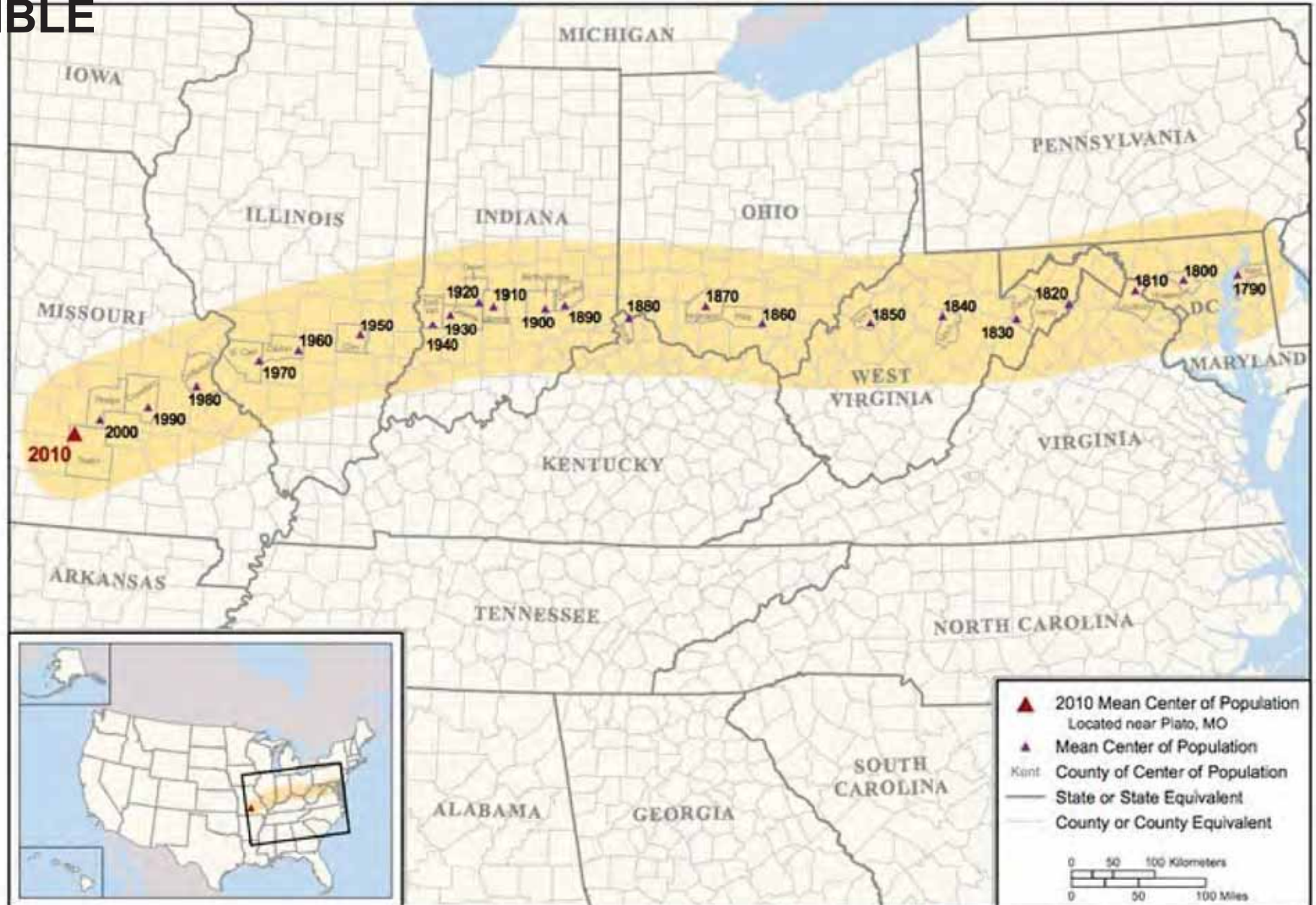
Capacidad
de
síntesis

FOCALIZACIÓN EN EL DETALLE



SE VE LO
INVISIBLE

Mean Center of Population for the United States: 1790 to 2010





facebook

December 2010



INFORMACIÓN EN TIEMPO REAL

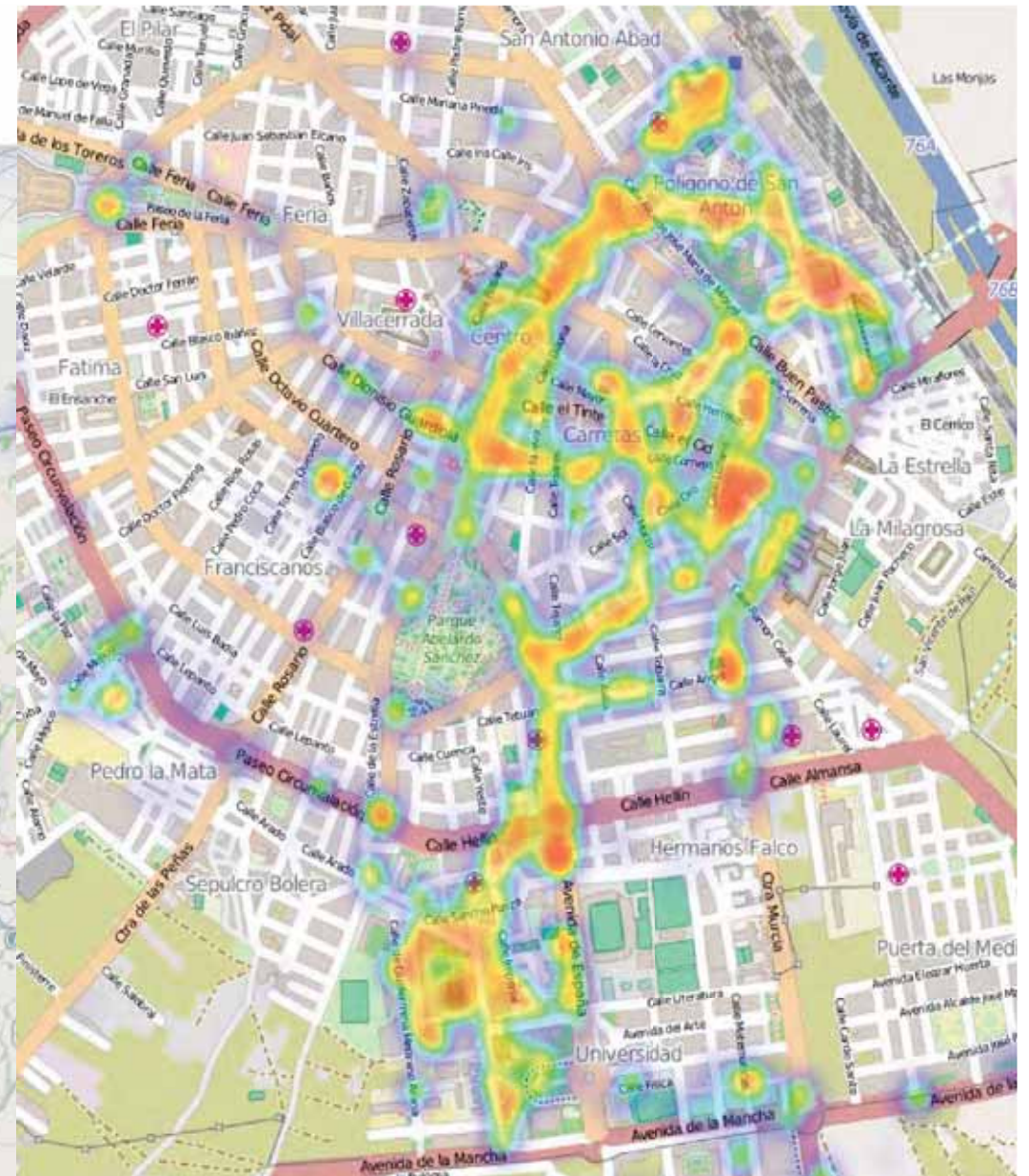
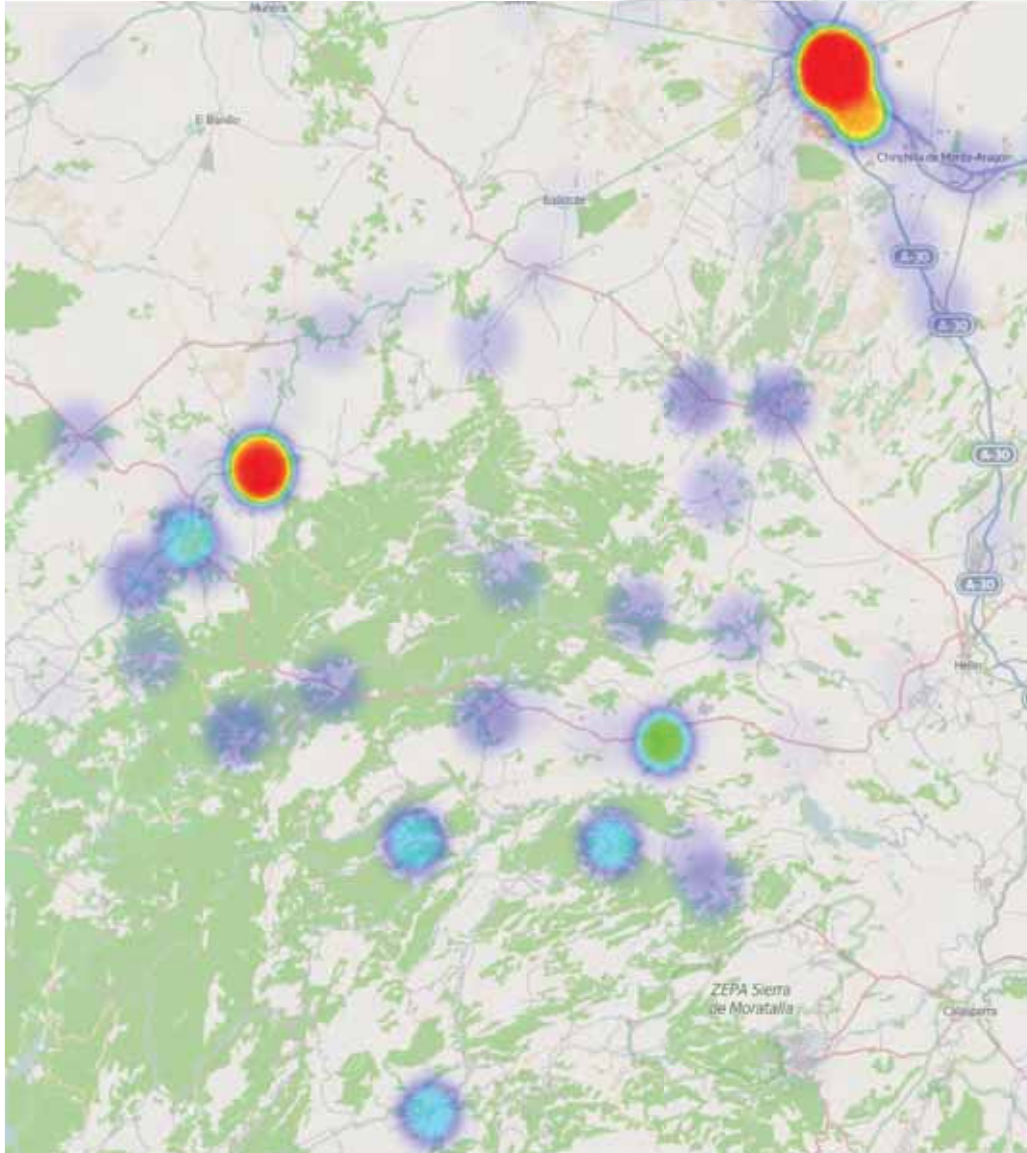
Washington 6 y 20 de enero 2021



Albacete 19 de marzo de 2021



MOVILIDAD PERSONAL



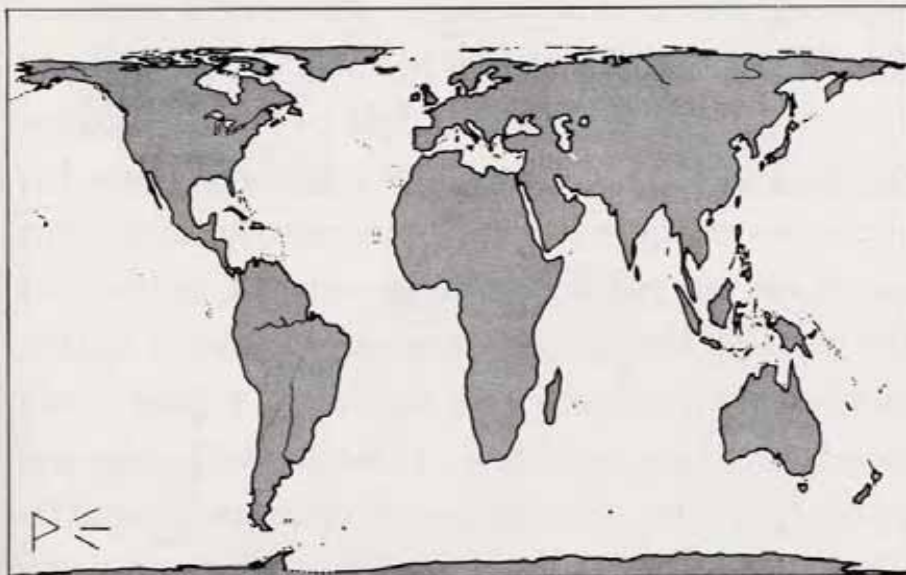


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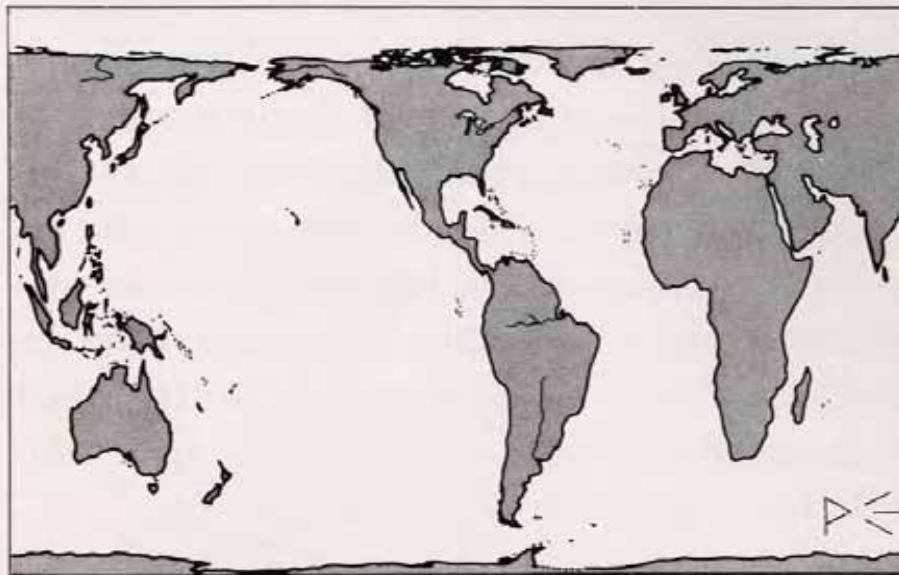
https://www.geografiainfinita.com/2014/08/visiones-del-mundo-el-mapamundi-segun-cada-cultura/?utm_source=blogsterapp&utm_medium=Facebook

CARTOGRAFÍA DINÁMICA

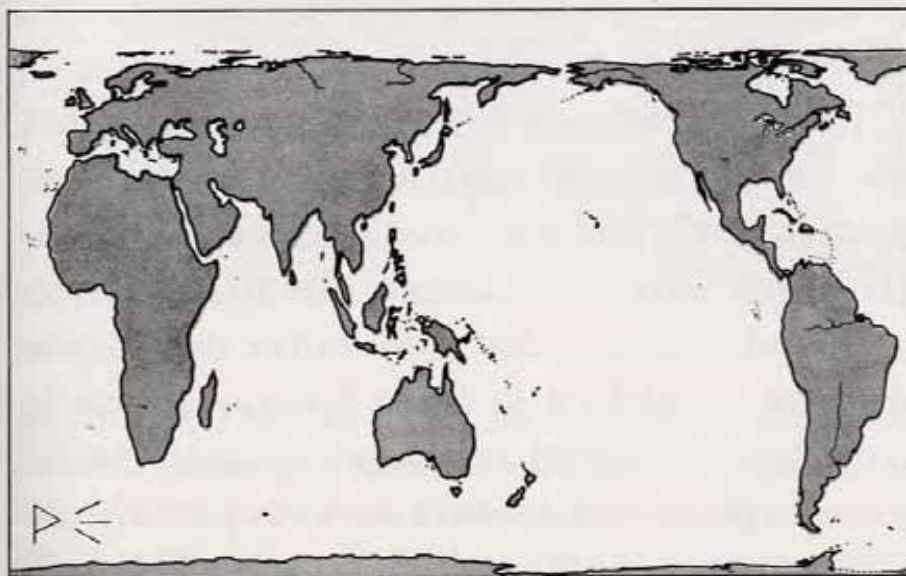
125



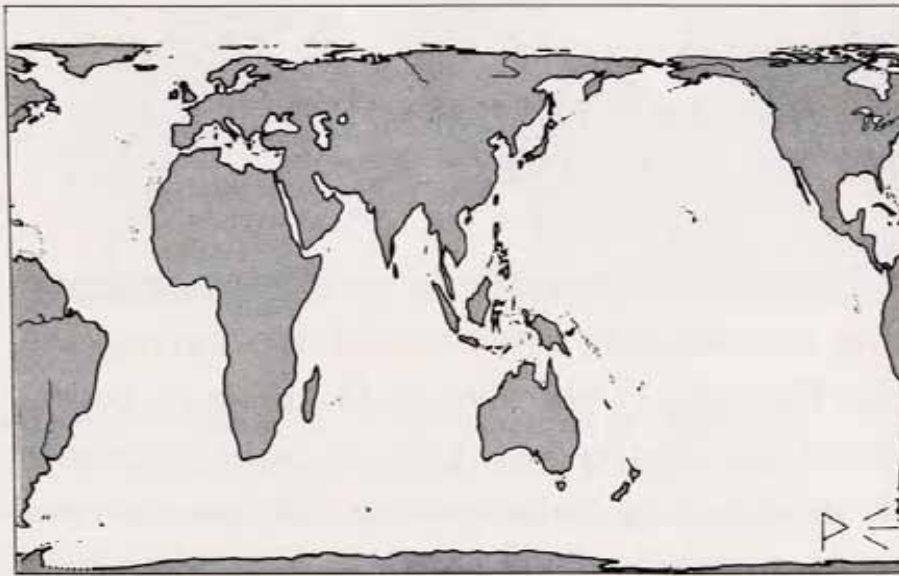
127



126



128



Rand-McNally

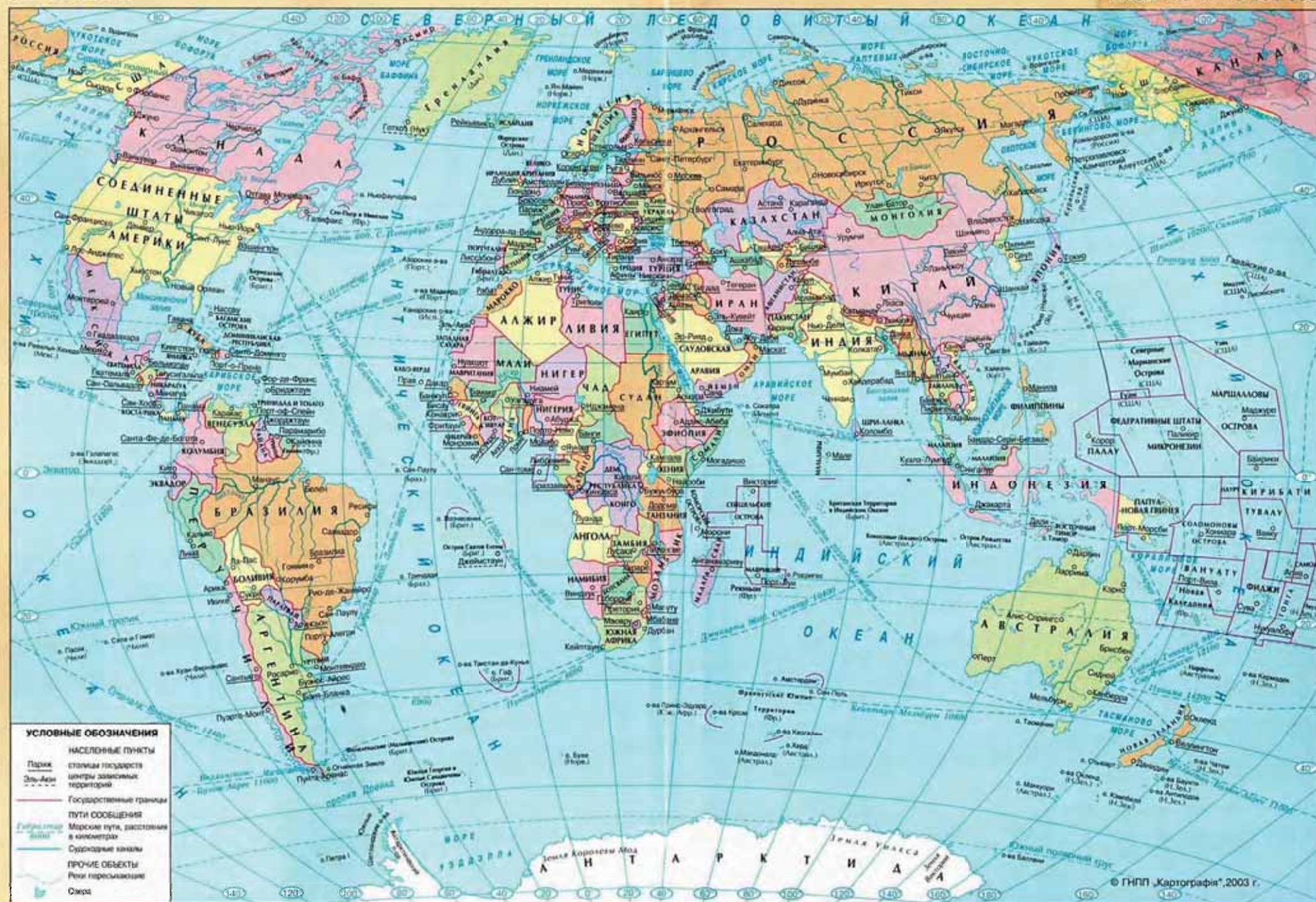


U.S. ARMY IN WORLD WAR II

MAP 7

<http://www.ibiblio.org/hyperwar/USA/USA-E-Siegfried/maps/USA-E-Siegfried-I.jpg>

https://www.geografiainfinita.com/2014/08/visiones-del-mundo-el-mapamundi-segun-cada-cultura/?utm_source=blogsterapp&utm_medium=Facebook



世界地图

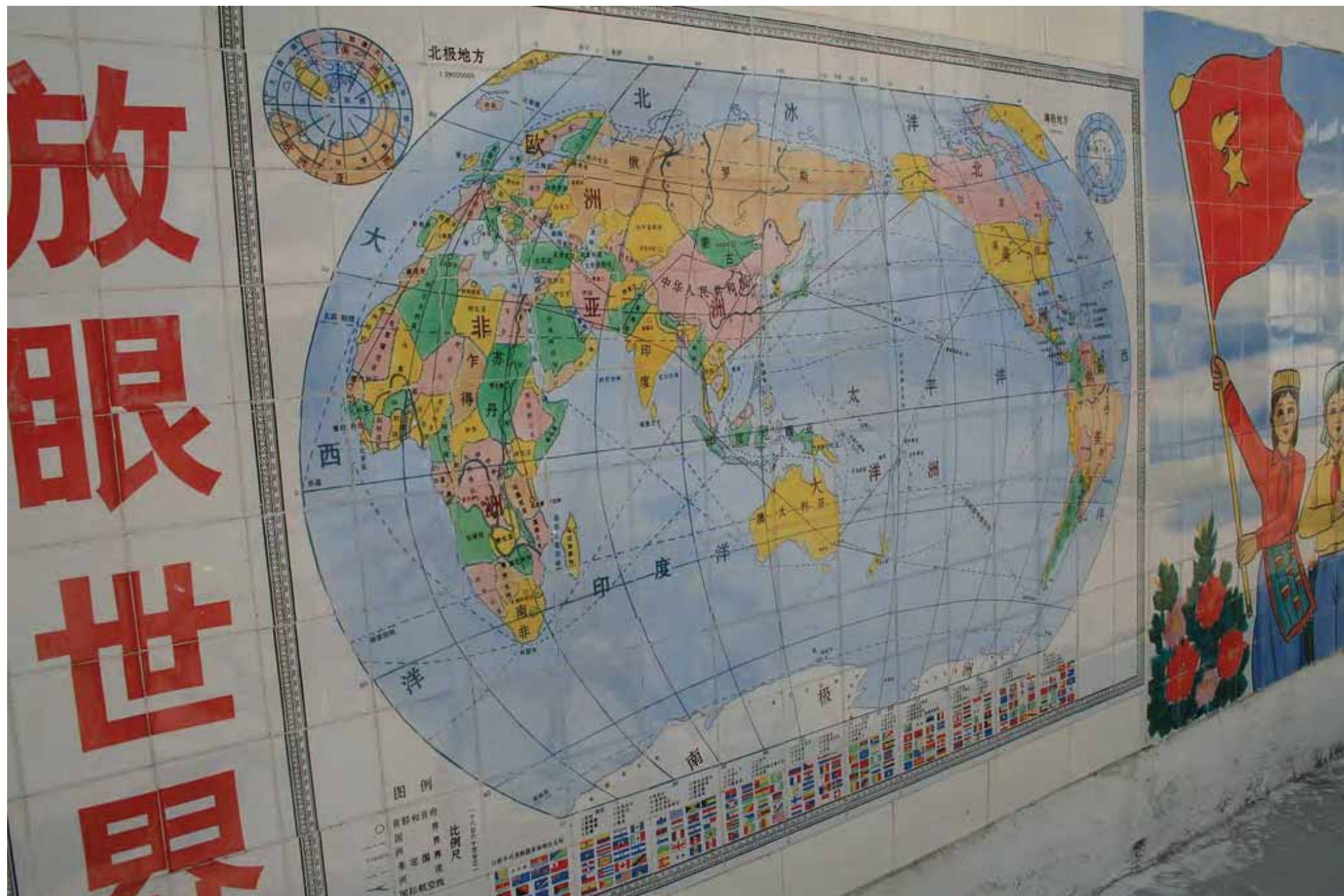
经典地图网站
WWW.MAPSCITY.COM



<http://web.mst.edu/~sgao/maps/worldmap.gif>

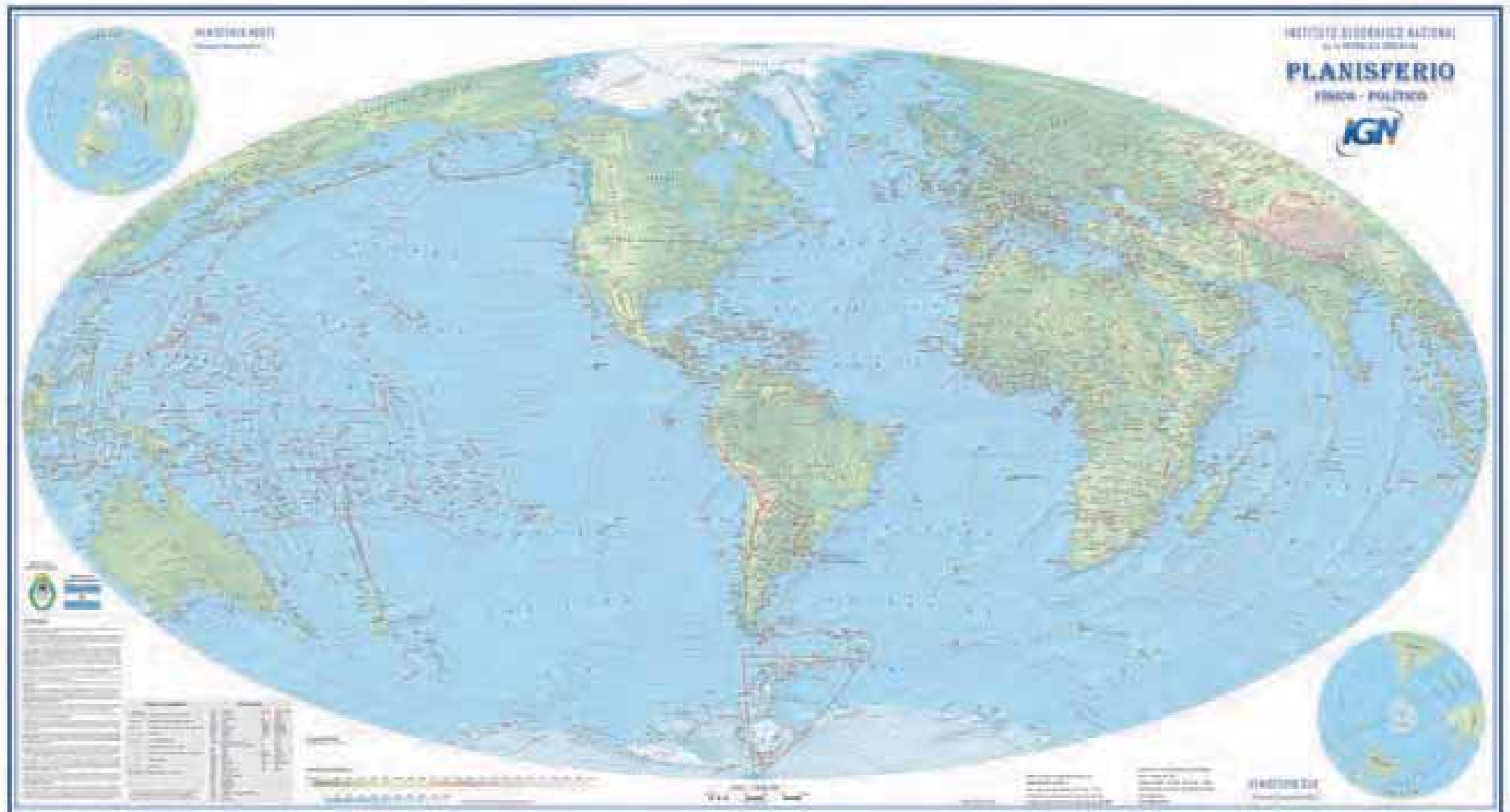
https://www.geografiainfinita.com/2014/08/visiones-del-mundo-el-mapamundi-segun-cada-cultura/?utm_source=blogsterapp&utm_medium=Facebook

https://www.geografiainfinita.com/wp-content/uploads/2014/08/mapamundi_china.gif





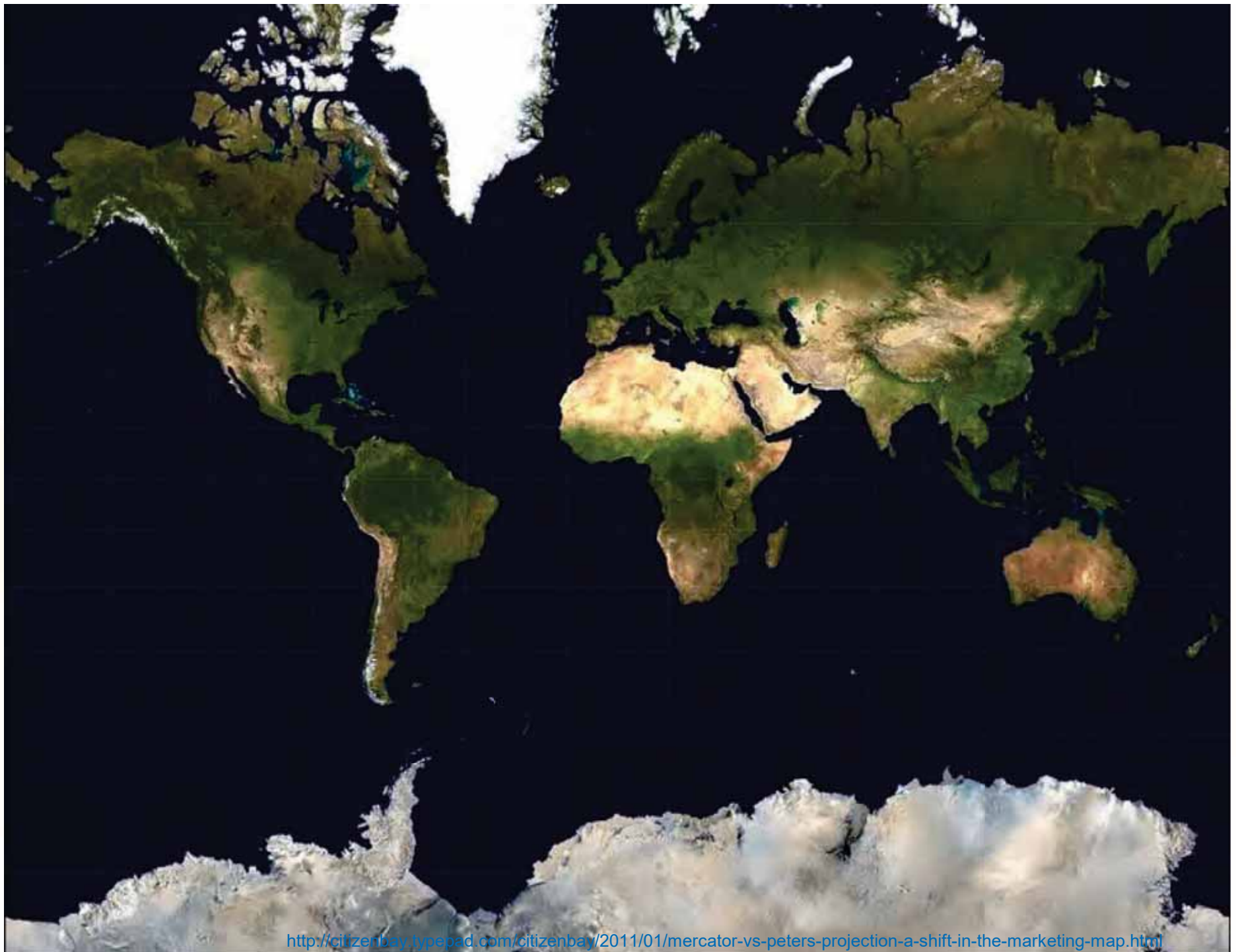
https://www.geografiainfinita.com/2014/08/visiones-del-mundo-el-mapamundi-segun-cada-cultura/?utm_source=blogsterapp&utm_medium=Facebook

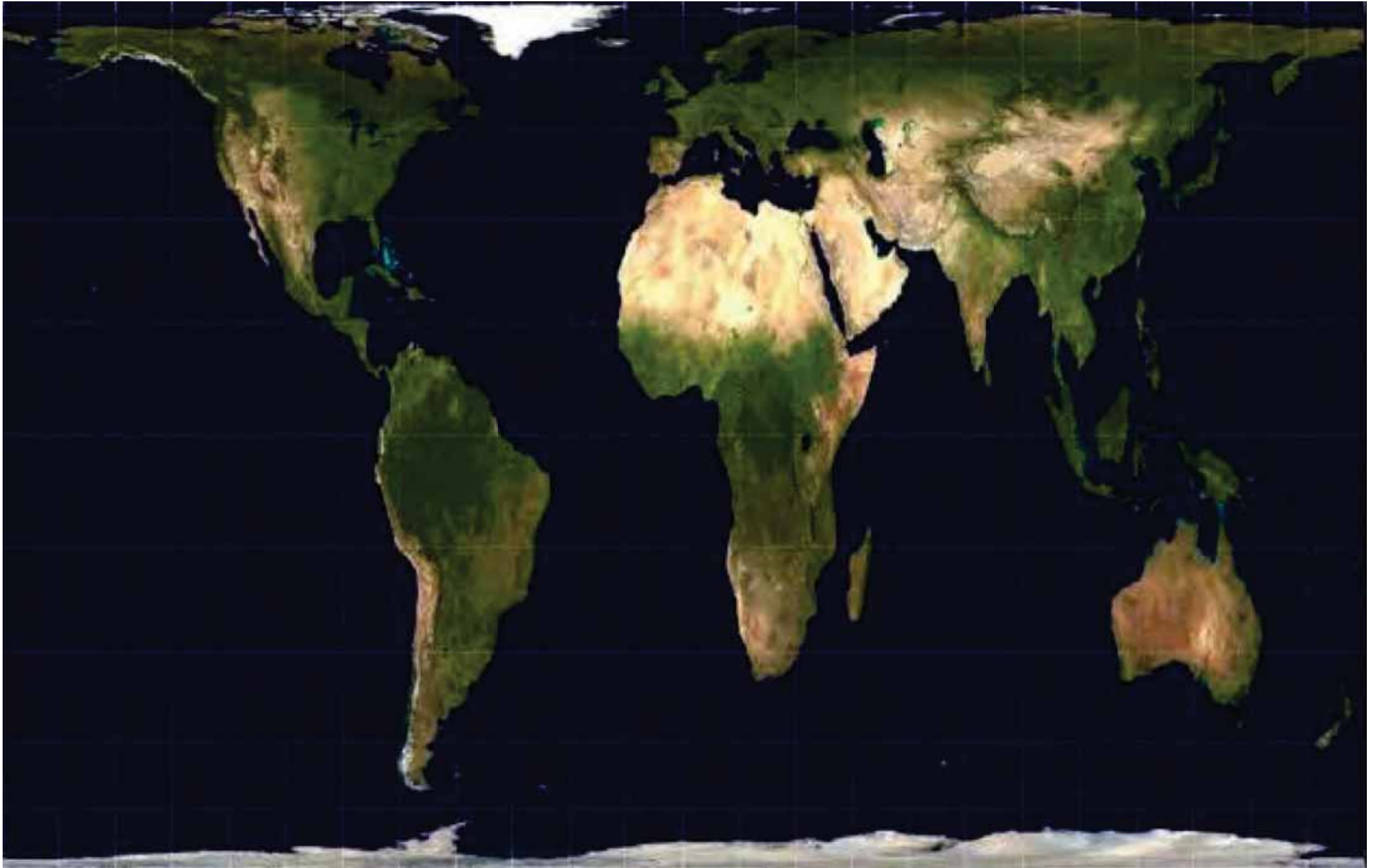


http://www.ign.gob.ar/images/mapasFisicos/PLANISFERIO_2011.jpg

<http://www.lanacion.com.ar/1767193-un-nuevo-mapa-del-pais-discutido-y-sin-eco-en-las-aulas>

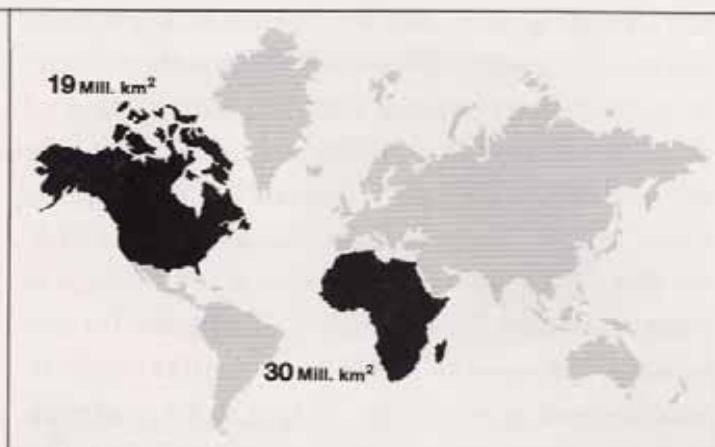
https://www.geografiainfinita.com/2014/08/visiones-del-mundo-el-mapamundi-segun-cada-cultura/?utm_source=blogsterapp&utm_medium=Facebook





<http://citizenbay.typepad.com/citizenbay/2011/01/mercator-vs-peters-projection-a-shift-in-the-marketing-map.html>

58

19 Mill. km²30 Mill. km²

61

59

1,5 Mill. km²1,9 Mill. km²1,1 Mill. km²3,3 Mill. km²

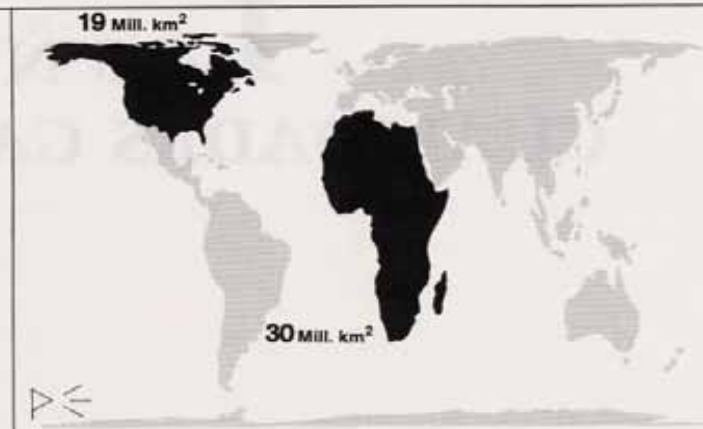
62

60

22 Mill. km²30 Mill. km²2,1 Mill. km²3,5 Mill. km²

63

08



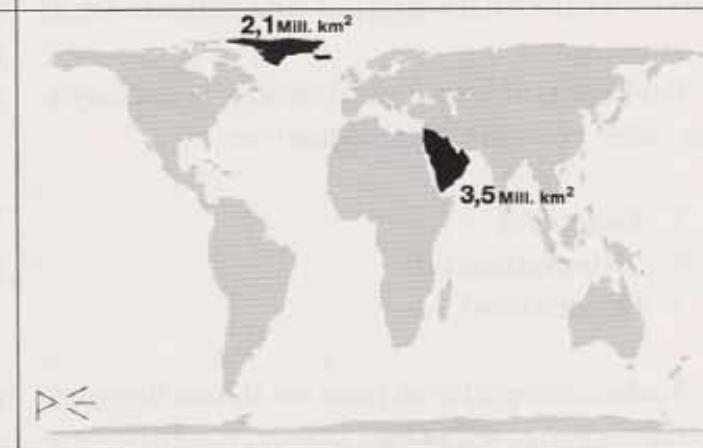
111

09



112

110



113

The True Size of Africa

A small contribution in the fight against rampant innumeracy, by Kai Krause

Graphic layout for visualization only (some countries are cut and rotated)
But the conclusions are very accurate: refer to table below for exact data

COUNTRY	AREA (1000 km²)
China	9.597
USA	9.829
India	3.287
Mexico	1.964
Peru	1.295
France	633
Spain	506
Papua New Guinea	462
Sweden	441
Japan	378
Germany	357
Norway	324
Italy	301
New Zealand	270
United Kingdom	243
Nepal	147
Bangladesh	144
Greece	132
TOTAL	30.102
AFRICA	30.221

In addition to the well known social issues of illiteracy and innumeracy, there also should be such a concept as "inmappancy", meaning insufficient geographical knowledge.

A survey with random American schoolkids let them guess the population and land area of their country. Not entirely unexpected, but still rather unsettling, the majority chose "1-2 billion" and "largest in the world", respectively.

Even with Asian and European college students, geographical estimates were often off by factors of 2-3. This is partly due to the highly distorted nature of the predominantly used mapping projections (such as Mercator).

A particularly extreme example is the worldwide misjudgement of the true size of Africa. This single image tries to embody the massive scale, which is larger than the USA, China, India, Japan and all of Europe..... combined!



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Top 100 Countries

Area in square kilometers, Haversine and Vincent Spheroids
Sources: Jentzen, Wikidata, Amosvi (2017)

	AREA	%	
1	Russia	17,098,242	11.40
2	Canada	9,984,670	6.70
3	China	9,596,961	6.42
4	United States	9,529,581	6.40
5	Brazil	8,511,965	5.70
6	India	3,287,263	2.30
7	Argentina	2,780,400	2.00
8	Australia	2,724,309	1.90
9	South Africa	1,219,120	1.25
10	Algeria	2,381,741	1.60
11	Congo	3,544,000	1.80
12	Greenland	2,136,094	1.50
13	South Korea	1,003,385	1.40
14	Mexico	1,964,375	1.30
15	Indonesia	1,904,561	1.25
16	Libya	1,759,540	1.20
17	Spain	505,992	0.32
18	Myanmar	1,974,000	1.10
19	Peru	1,285,158	0.94
20	Chad	1,284,000	0.86
21	Niger	1,267,000	0.80
22	Angola	1,246,700	0.80
23	Nail	1,041,140	0.68
24	South Africa	1,219,120	0.80
25	Colombia	1,141,740	0.76
26	Ethiopia	1,104,300	0.74
27	Burkina Faso	268,047	0.19
28	Madagascar	592,000	0.40
29	Egypt	1,001,450	0.67
30	Tanzania	945,000	0.60
31	Nigeria	923,768	0.60
32	Kenya	224,961	0.15
33	Norway	387,100	0.26
34	Sweden	441,000	0.29
35	Finland	130,340	0.09
36	Denmark	4,309	0.00
37	China	9,596,961	0.64
38	Zambia	376,000	0.25
39	Wangman	170,000	0.11
40	Wangman	170,000	0.11
41	Algeria	2,381,741	0.74
42	France	633,000	0.41
43	S. African Rep	1,219,120	0.80
44	Madagascar	592,000	0.40
45	Kenya	224,961	0.15
46	Kenya	224,961	0.15
47	Kenya	224,961	0.15
48	Kenya	224,961	0.15
49	Kenya	224,961	0.15
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82	Kenya	224,961	0.15
83	Kenya	224,961	0.15
84	Kenya	224,961	0.15
85	Kenya	224,961	0.15
86	Kenya	224,961	0.15
87	Kenya	224,961	0.15
88	Kenya	224,961	0.15
89	Kenya	224,961	0.15
90	Kenya	224,961	0.15
91	Kenya	224,961	0.15
92	Kenya	224,961	0.15
93	Kenya	224,961	0.15
94	Kenya	224,961	0.15
95	Kenya	224,961	0.15
96	Kenya	224,961	0.15
97	Kenya	224,961	0.15
98	Kenya	224,961	0.15
99	Kenya	224,961	0.15
100	Kenya	224,961	0.15
TOTAL		130,422,424	89.24



United States



Europe



India

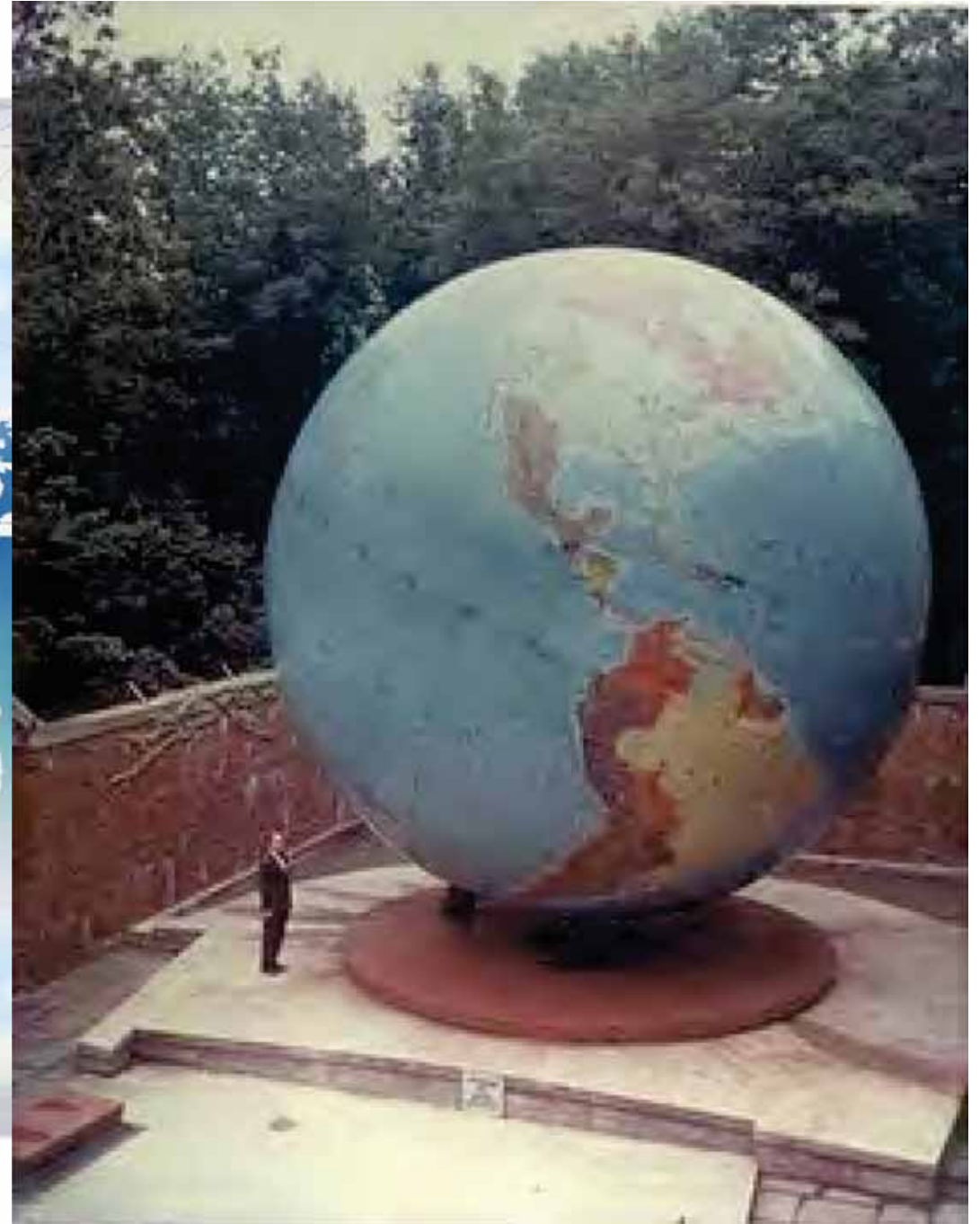


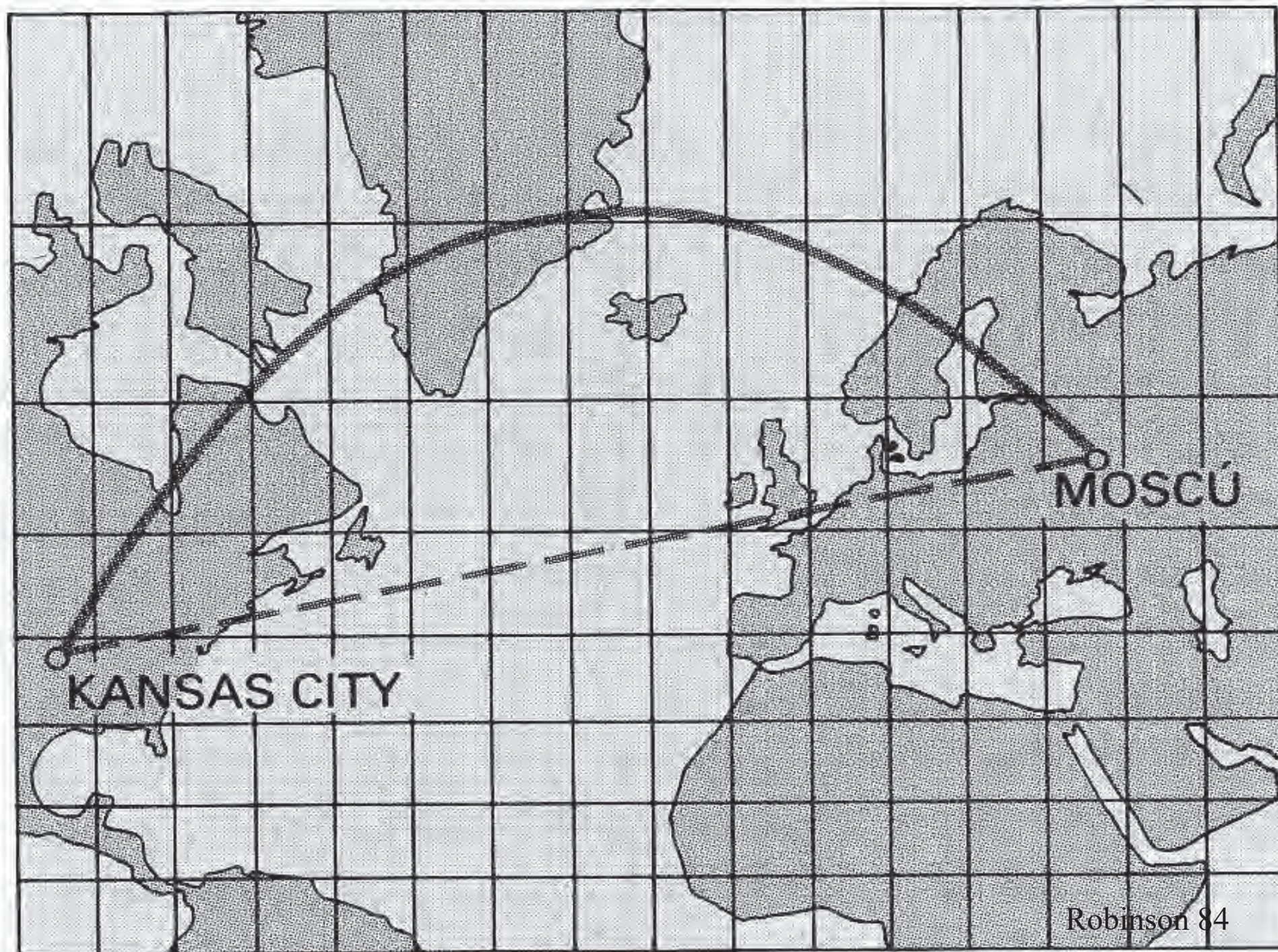
Japan



China

**¿Cuál es la
distancia más
corta entre dos
puntos ?**







<https://mapfight.appspot.com/>

<http://thelandofmaps.tumblr.com/post/126527236495/how-big-is-brazil-really-the-1175-x-797>
click-here



Poner a Canarias en el mapa

El Senado aprueba una moción para que los libros escolares coloquen a las islas en su ubicación real, y no en un recuadro bajo Baleares.

A. Torices/ Colpisa. Madrid Actualizada 05/10/2017 a las 10:38

Etiquetas Senado Madrid Islas Canarias



El archipiélago está en el Atlántico, frente a las costas africanas del Sáhara, y a unos 1.700 kilómetros de la península ibérica. | Wikimedia Commons

LO MÁS LEÍDO AHORA



Negocios
"No hemos
cliente en
enero"



Tres deter
a un joven



La Policía
persona q
bandera d
Torra a un
la ANC



Herido gra
atropellad
barrio de

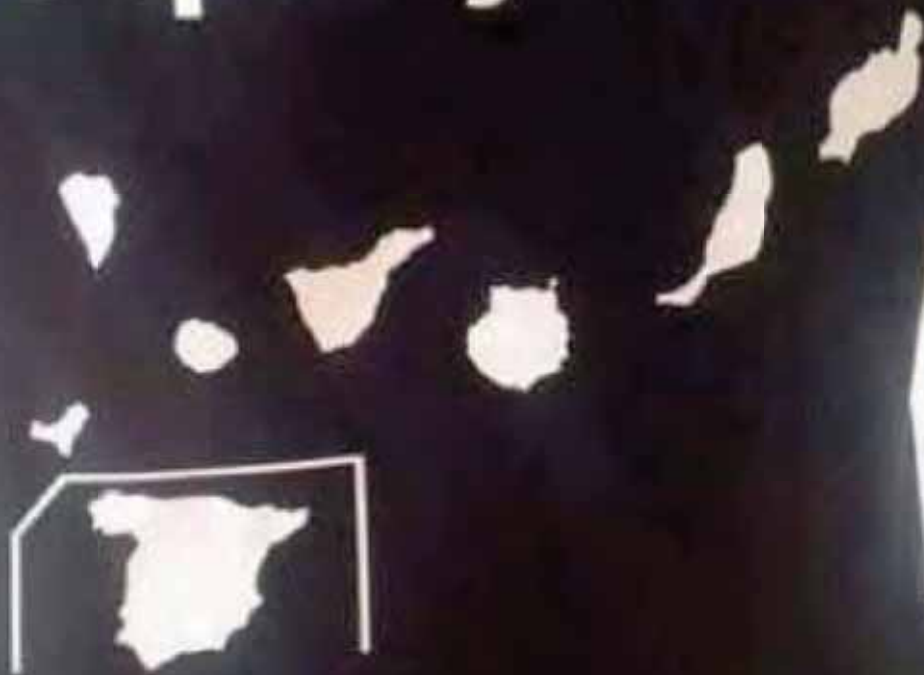


La Azaft,



la distancia que existe entre El Hierro y Lanzarote (las más alejadas entre sí) es de 612 kilómetros

A que jode!!!





THE KNOWN WORLD

1490



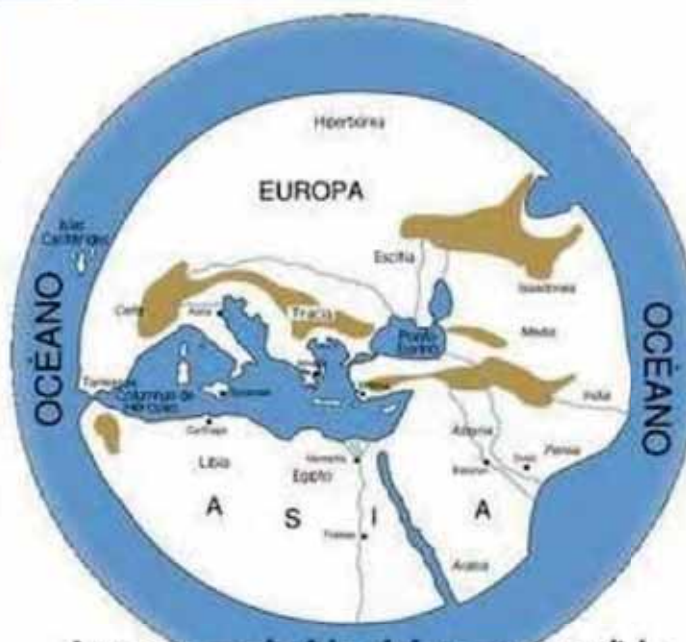
1550



1800



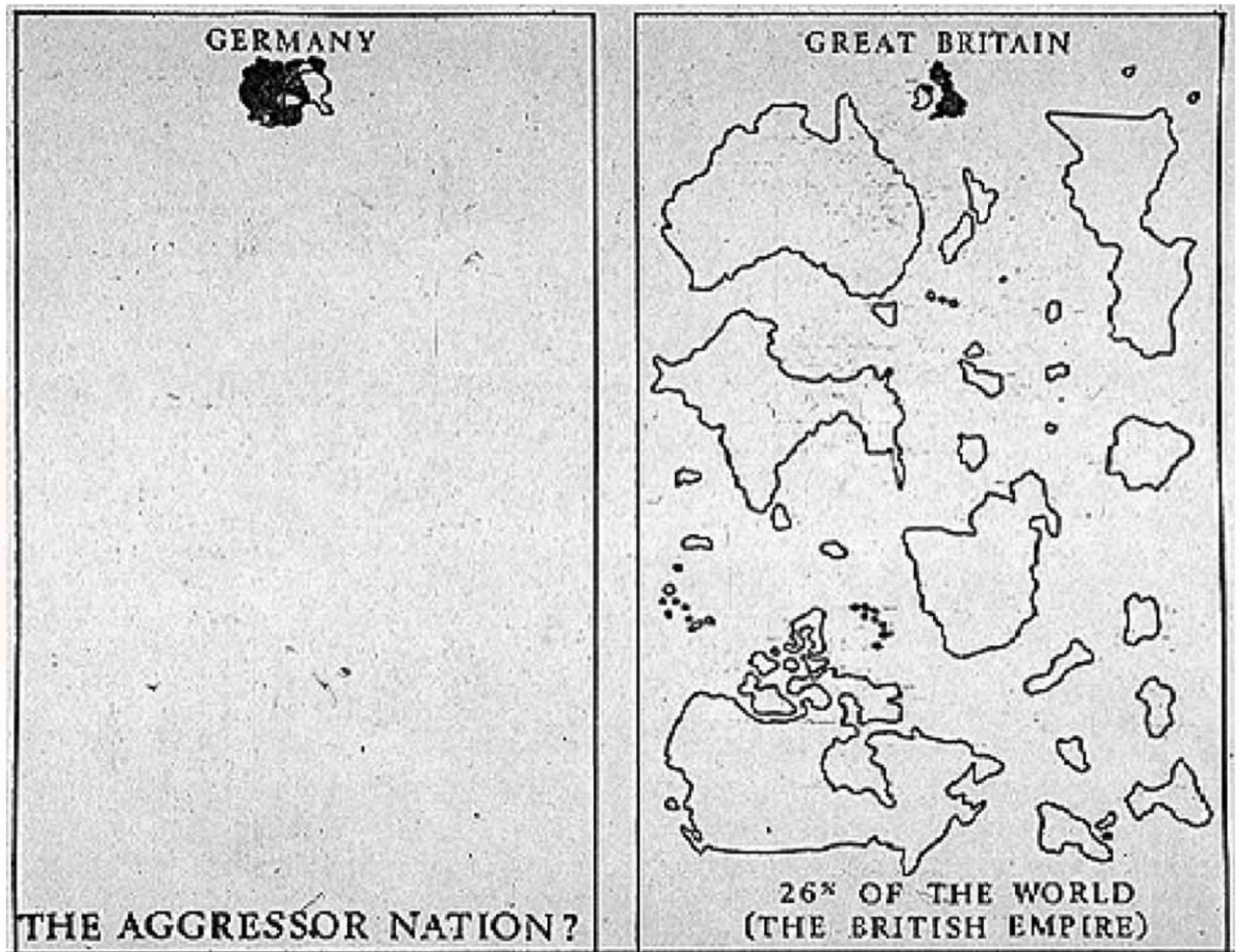
LA IMAGEN DEL MUNDO



Aspecto probable del mapa perdido de Anaximandro de Mileto.

**FACTS
IN
REVIEW
1940**

[http://
blogs.
elpais
.com/
period
ismo-
con-
futuro/
2011/
11/el-
period
ista-y-
los-
mapa
s.html](http://blogs.elpais.com/periodismo-con-futuro/2011/11/el-periodo-ista-y-los-mapas.html)



“PORTUGAL NÃO É UM PAÍS PEQUENO.”

REP. LEG.

124072

Dictadura de
Salazar

Superfície do IMPÉRIO COLONIAL PORTUGUÊS

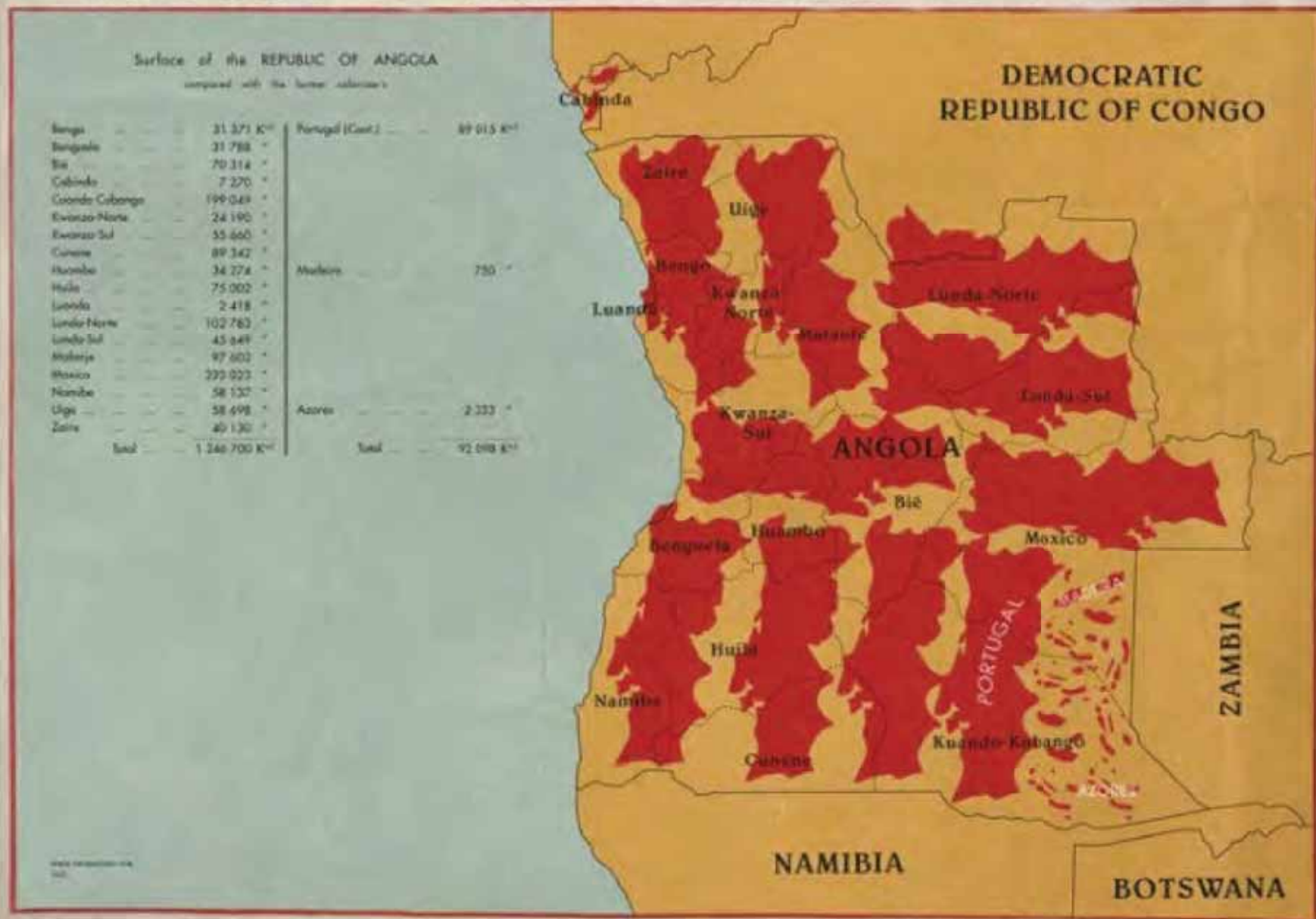
comparada com a das principais países da Europa

Portugal (Cont.)	89.106 K ^m ²	Espanha (Cont.)	505.202 K ^m ²
Açores	2.392		
Madeira	870	França	560.986
Cabo Verde	3.930		
Guiné	36.126	Inglaterra	244.734
S. Tomé e Príncipe	971		
Angola	1.255.755	Italia	308.717
Moçambique	756.112		
Estado da Índia	3.806	Alemanha	477.000
Macao	14		
Timor	18.989		
Total	2.168.071 K^m²	Total	2.096.639 K^m²



MAPA ORGANIZADO POR
HENRIQUE GALVÃO

"ANGOLA IS NOT A SMALL COUNTRY."



<http://arteinstitute.org/posts/view/299/34>

<http://meteoropole.com.br/2013/10/portugal-nao-e-um-pais-pequeno/>



#JuntsPelSí

@JuntsPelSí2015



El mapa oficial d'Espanya del 1872
apunt de tornar a ser l'actual

#WeAreCatalonia

https://es.wikipedia.org/wiki/Archivo:Mapa_pol%C3%ADtico_de_Espa%C3%B1a,_1850.jpg



www.keepcalm-o-matic.co.uk/p/keep-calm-and-find-your-true-maps/

Thanks for your attention, you can follow us in

“Geographying in the clouds ;-)”

“Geografiando en las nubes ;-)”



http://www.linkedin.com/profile/view?id=139061635&trk=tab_pro



<http://es.slideshare.net/JuanAntonioGarciaGonzlez>



<http://pinterest.com/geografiando/boards/>



<http://www.youtube.com/user/garciotum1?feature=mhee>



@JGARCIAgonzalez



<http://www.facebook.com/juanantonio.garciagonzalez.37>



<http://geografiandoenlasnubes.blogspot.com.es/>



<http://www.scoop.it/u/dr-juan-antonio-garcia-gonzalez>



juanantonio.garcia@uclm.es

