



## **Global Information Society Watch 2009**

# Global Information Society Watch

## 2009

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*Dedicated to A.K. Mahan - an activist who valued  
intellectual rigour and concrete outcomes.*

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## Mapping democracy







# Mapping democracy

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Richard Rogers, Fieke Jansen, Michael Stevenson  
and Esther Weltevrede  
Digital Methods Initiative  
www.digitalmethods.net

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## Introduction

The rise of digital communication technologies has placed new emphasis on an old problem: that of information overload. Information overload refers to an amount of information in excess of what individuals are able to process and absorb.<sup>1</sup> Different strategies are deployed to counter this trend, including the use of search engines to filter information.<sup>2</sup> Where engines look to create ordered lists of relevant sources, the strategy of visualising information aims to give an overview of a particular data set, or make certain relationships visible. In this way, mapping and visualising data sets are means by which information can be made more accessible and useful.

Communication and information dissemination are important aspects of networking, advocacy capacity, and the reach and impact of civil society organisations. Mapping and visualising information provides a way for civil society organisations to enable individuals, communities, networks and governments to process and absorb information easily. Important information disseminated in this way can become more accessible for more people. Therefore mapping and visualising information can be used as a communication, advocacy<sup>3</sup> and research<sup>4</sup> tool.

This chapter will demonstrate how information can be visualised on the basis of two research examples from the Digital Methods Initiative (DMI), “The Nationalities of Issues: Rights Types” and “For the ppl of Iran - #iranelection RT”. The first looks at the most significant rights types per country according to local Google results when entering “rights” in the local language. The latter looks at Twitter during the 2009 Iran election crisis.

DMI Amsterdam is a collaboration of the New Media programme, Media Studies, University of Amsterdam and the Govcom.org Foundation. The initiative is dedicated to reworking methodologies for internet research, and in particular to learning and developing techniques for studying societal conditions and cultural change using the web.

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1 Yang, C.C., Chen, H. and Honga, K. (2003) Visualization of large category map for Internet browsing. *Decision Support Systems* 35 (1), p. 89-102.

2 Google's mission statement is “to organize the world's information and make it universally accessible and useful.” [www.google.com/corporate](http://www.google.com/corporate)

3 A good example is Ushahidi, a Kenyan organisation that has its origin in the mapping of reports of violence in Kenya after the post-election fallout at the beginning of 2008. [www.usahidi.com](http://www.usahidi.com)

4 For example, Govcom.org is dedicated to creating and hosting political tools on the web. Much of the work involves mapping issue networks on the web. [www.govcom.org](http://www.govcom.org)

## Social research with the web

We look at Google results and see society, instead of Google. That is a shorthand way of saying that we see institutions and issues in the ranked lists that are returned in the search results. Query the word “rights” in Google.com and you are returned with the top websites in the English-language space dealing with rights, in a variety of ways. You can also see which rights types are higher than others. For example, lesbian, gay, bisexual and transgender (LGBT) rights appear in the top ten in Google.com, but not in Google.fr, where youth rights are much higher.

But the question that is often asked is, where does social research end, and “Google studies” begin? Isn't it Google that determines the rankings? Surely Google has more to do with the hierarchies than societal dynamics? Can Google ever be removed from the picture when one is using it to perform research? These questions are classic ones in social research, as they concern the possibility of being able to isolate phenomena dependent on a context for them to exist. However, this question should also be put to web studies more generally: Does one only study the web when you use the web?

The two research projects presented are attempts at web studies where the tool used (e.g., Google or Twitter) is part of the analysis. In doing this, one is always aware of the significance of the question of where Google studies end, and social research using Google begins.

What kinds of findings may be made by interpreting search engine results, especially the rankings of sites for particular queries? What kinds of findings can be made by comparing results across the many local versions of Google, such as the new Palestinian one, Google.ps? In the project “The Nationalities of Issues: Rights Types”, we entered the word “rights” in various languages into the local Googles in order to obtain hierarchies of rights types per country. Are there distinctive rights that rise to the top in Finland, the Netherlands, France, Italy, Switzerland, Germany, Austria, Sweden, Russia, Japan, Canada, the United Kingdom, Australia, the Philippines, Ivory Coast and other countries? As the results show, the answer is yes. From “cultural rights” in Mexico, “pollution victims' rights” in Switzerland, the “right to education in a native sign language” in Finland, to “rights of the over-indebted” in Ivory Coast, countries could be said to have distinctive concerns, compared to other countries, as read from local Google results.

Twitter, generally, but also during the Iran election crisis (June 2009 and beyond), has been described as banal. The question is, could the hundreds of thousands of tweets about the Iran election crisis be made into a comprehensible

account of what has been happening on the ground as well as online? The project, “For the ppl of Iran - #iranelection RT”, is such an attempt. In order to filter the most significant tweets, and order them so as to recount the crisis, the digital methods researchers chose to assemble the top three “retweets” per day, and order them chronologically, from 10 June to 30 June. The resulting output is a capsule account of the crisis, which the researchers also subsequently edited, and made into sub-storylines, on arrests, violence, the death of Neda Agha Soltan,<sup>5</sup> censorship as well as the internet. The entire set of the top three retweets with the #iranelection hash tag from 10-30 June 2009 is printed. The sub-threads are online at [www.rettivt.net](http://www.rettivt.net) (requires [issuecrawler.net](http://issuecrawler.net) login).

## The Nationalities of Issues: Rights Types

Most significant rights types per country according to local Google results of the query for “rights” in the local languages.

**RESEARCH STRATEGY:** Employ Google to show most prominent types of rights per country.

**METHOD:** Query the term “rights” in the local languages in the local Google versions (e.g., “oigused” in Google.ee and “direitos” in Google.pt). Manually read the results and make lists of the top ten distinctive rights types, leaving them in the order that Google provided.

Google.se with query “rattigheter” (13.07.09)  
 Google.fi with query “oikeudet” (13.07.09)  
 Google.ee with query “oigused” (15.07.09)  
 Google.lv with query “tiesibas” (16.07.09)  
 Google.co.uk with query “rights” (13.07.09)  
 Google.nl with query “rechten” (13.07.09)  
 Google.be with query “rechten van” (15.07.09)  
 Google.be with query “droits” (14.07.09)  
 Google.lu with query “rechte” (15.07.09)  
 Google.de with query “rechte” (15.07.09)  
 Google.at with query “rechte” (15.07.09)  
 Google.ch with query “rechte” (15.07.09)  
 Google.fr with query “droits” (14.07.09)  
 Google.pt with query “direitos” (14.07.09)  
 Google.es with query “derechos” (13.07.09)  
 Google.it with query “diritto al”  
 OR “diritto all” OR “diritto alla” (13.07.09)  
 Google.ro with query “drepturile” (13.07.09)  
 Google.mo with query “drepturile” (13.07.09)  
 Google.ru with query “prava” (13.07.09)  
 Google.com.tr with query “haklari” (17.07.09)  
 Google.jp with query “権利” (16.07.09)  
 Google.hk with query “權利” (17.07.09)  
 Google.com.ph with query “karapatang” (16.07.09)  
 Google.ci with query “droits” (17.07.09)  
 Google.com.au with query “rights” (14.07.09)  
 Google.ca with query “rights” (15.07.09)  
 Google.ca with query “droits” (15.07.09)

Google.com with query “rights” (14.07.09)  
 Google.com with query “derechos” (15.07.09)  
 Google.com.mx with query “derechos” (15.07.09)  
 Google.com.br with query “direitos” (15.07.09)  
 Google.ar with query “derechos” (15.07.09)  
 Google.pe with query “derechos” (15.07.09)

Note that the local Google versions were chosen on the basis of the language skills of the participants of the Digital Methods Summer School, 2009. At the same time, when faced with a large quantity of Google versions for a single language, a further selection was made (e.g., the top three Spanish-speaking countries according to population).

For those local Google versions where multiple languages are spoken, the two dominant languages were queried (e.g., we queried [google.be](http://google.be) [Belgium] in Flemish and French, and queried [google.ca](http://google.ca) [Canada] in English and French).

**DATA STORAGE:** The top 100 results per query are stored for validation purposes. (In Firefox, “save page as”, “web page, complete”.) Data sets are available at [wiki.digital-methods.net/Dmi/NationalityofIssues](http://wiki.digital-methods.net/Dmi/NationalityofIssues).

**FINDINGS:** Countries could be said to have distinctive concerns, compared to other countries, as read from Google results. For example, “everyman’s right” (freedom to roam) in Finland, “prostitutes’ rights” in the Netherlands, “computer programmers’ rights” in Japan and the “right to oblivion” (the right to have personal data deleted) in Italy are unique to the respective countries.<sup>6</sup> Given the limited sample of countries and the method for selection, the most widely shared rights across countries are not the subject of analysis.

**DESIGN:** Vera Bekema and Anne Helmond.

**ANALYSIS:** Vera Bekema, Liliana Bounegru, Andrea Fiore, Anne Helmond, Simon Marschall, Sabine Niederer, Bram Nijhof, Richard Rogers and Elena Tiis.



Right type



Right type unique to the country  
(in this sample)

<sup>6</sup> Given our commitment to reading society on the web, as well as to preserving the cultural distinctiveness of the rights found, classic social science methods (such as categorising findings for easier comparison) as well as attempts to rephrase or correct the language of rights types were resisted (e.g., translating “jokamiehenoikeus”, which the Finnish translate as “everyman’s right”, to “every person’s right”, or regarding lesbian, gay, bisexual and transgender [LGBT] rights in the United States and homosexual rights in Hong Kong as equivalents).

<sup>5</sup> Shot to death on 20 June 2009 by security forces during a protest.

ROMANIA MOLDAVIA RUSSIA TURKEY JAPAN HONG KONG PHILLIPPINES IVORY COAST



human rights



human rights



human rights



human rights



children's rights



taxpayers' rights



copyright



human rights



children's rights



children's rights



children's rights



women's rights



right to defend yourself in court



children's rights



human rights



youth rights



citizens' rights



author's rights



intellectual property rights



children's rights



patients' rights



labour rights



civil and political rights



consumer rights



author's rights



patients' rights



animal rights



consumer rights



computer programmers' rights



human rights



students' rights



workers' rights



intellectual property rights



women's rights



freedom of the press rights



patients' rights



environmental rights



copyright



children's rights



rights of the overindebted



women's rights



disability rights



consumer rights



author's rights



performers' rights



right to demonstrate



rights of street vendors



health care rights



pedestrians' rights



pregnancy and maternity rights



citizen's rights



animal rights



disability rights



homosexual rights



the right to vote for a president



women's rights



homosexuals' rights



intellectual property rights



workers' rights



citizen's rights



freedom of speech



animal rights



the right to vacation



children's rights



pregnancy and maternity rights



personal information rights



housing rights



taxpayers' rights



the right to information



consumer rights



rights of indigenous people



author's rights



mental disability rights



pedestrians' rights



author's rights



intellectual property rights



music copyright



migrant workers' rights



intellectual property rights



fundamental rights

AUSTRALIA

CANADA  
(French)

CANADA  
(English)

USA  
(English)

MEXICO

BRAZIL

ARGENTINA

PERU



human rights



human rights



human rights



human rights



human rights



human rights



human rights



human rights



artists' rights



children's rights



women's rights



artists' rights



children's rights



children's rights



school pupils' rights



children's rights



men's rights



immigrants' rights



housing rights



privacy rights



workers' rights



author's rights



author's rights



women's rights



welfare rights



author's rights



online rights



LGBT rights



women's rights



disability rights



civil rights



rights of indigenous  
people



activists' rights



civil and political  
rights



children's rights



publicity rights



labour rights



animal rights



rights of indigenous  
people



author's rights



plant breeders'  
rights



human rights at  
work



publicity rights



medicare rights



animal rights



fair use of  
copyrighted material



women's rights



reproductive rights



workers' rights



women's rights



media usage rights



children's rights



reproductive rights



infants' and adoles-  
cents' rights



animal rights



school pupils' rights



digital rights



non-smokers' rights



workers' rights



digital rights



intellectual  
property rights



minorities' rights



environmental  
human rights



animal rights



gay and lesbian  
rights



fundamental rights



non-smokers' rights



disability rights



rights of indigenous  
peoples



consumer rights



children's rights



environmental rights



aboriginal rights



intellectual  
property rights



equality rights in  
housing



civil rights



cultural rights



sexual rights and  
reproductive rights



citizen's rights



workers' rights

LUXEMBOURG

GERMANY

AUSTRIA

SWITZERLAND

FRANCE

PORTUGAL

SPAIN

ITALY



children's rights



children's rights



apprentice & trainee rights



citizen's rights



youth rights



human rights



human rights



privacy rights



personal information rights



youth rights



youth rights



journalists' rights



human rights



children's rights



author's rights



labour rights



human rights



rights of disabled children



children's rights



children's rights



women's rights



animal rights



digital rights



right to nationality



author's rights



rights of future generations



creators' rights



pollution victims' rights



children's rights



women's rights



women's rights



right to oblivion



european citizens' rights



phishing victims' rights



civil service rights



athletes' rights in doping cases



internet and ICTs rights



artists' rights



reproductive rights



right to information



youth rights



homosexuals' rights



disability rights



maternity rights



freedom of speech



citizens' rights



children's rights



health care rights



political rights



civil rights of institutionalised persons



work inspectors' rights



student's parents' rights



patients' rights



disability rights



intellectual property rights



right to a fair trial



shareholders' rights



apprentice & trainee rights



shareholders' rights



right to a fair trial



air passengers' rights



pedestrians' rights



audiovisual producers' rights



environmental rights



digital rights



human rights



athletes' rights in doping cases



equal rights



animal rights



patients' rights



rights of indigenous people



right to exercise religion



rights of future generations



crime victims' rights



patients' rights



apprentice & trainee rights



citizen's rights



















































































passengers' rights



environmental human rights



medical self-determination

SWEDEN	FINLAND	ESTONIA	LATVIA	UNITED KINGDOM	NETHERLANDS	BELGIUM (Flemish)	BELGIUM (French)
 human rights	 children's rights	 citizen's rights	 animal rights	 human rights	 works council rights	 human rights	 human rights
 patients' rights	 everyman's right (freedom to roam)	 children's rights	 human rights	 author's rights	 air passengers' rights	 disability rights	 internet rights
 children's rights	 animal rights	 environmental rights	 air passengers' rights	 digital rights	 children's rights	 cyclists' rights	 youth rights
 air passengers' rights	 consumer rights	 air passengers' rights	 pension rights for non-citizens	 minorities' rights	 human rights	 volunteers' rights	 citizen's rights
 creator's rights	 women's rights	 author's rights	 immigrants' rights	 citizen's rights	 minorities' rights	 air passengers' rights	 intellectual property rights
 equal rights	 air passengers' rights	 patients' rights	 copyright	 employment rights	 prostitutes' rights	 works council rights	 patients' rights
 citizen's rights	 renter's rights	 property rights	 children's rights	 publicity rights	 taxpayers' rights	 children's rights	 women's rights
 women's rights	 patients' rights	 landowners' rights	 social rights	 abortion rights	 youth rights	 job applicant's rights	 children's rights
 right of collective bargaining	 youth rights	 workers' rights	 teachers' rights	 photographers' rights	 islam and women's rights	 immigrants' rights	 workers' rights
 food rights	 right to education in native sign language	 sexual and health rights	 consumer rights	 children's rights	 author's rights	 patients' rights	 the right to defend yourself in court

## For the ppl of Iran - #iranelection RT

#iranelection RT tells the story of the day-to-day unfolding of the Iran election crisis as seen through Twitter. #iranelection RT is a collection of all the tweets that have been tagged #iranelection, from the first one on 10 June up to 30 June 2009, some 650,000 in all. The most retweeted tweets (RTs) have been filtered and organised chronologically, as opposed to the reverse chronology that Twitter uses. In “reversed realtime”, the most significant #iranelection retweets show the urgency and the emotion of those twenty days in June, when the tensions on the streets and the coverage in the media were at their height. The crisis unfolds on Twitter with the discovery of the value of the #iranelection hash tag, and tweeters both in and outside Iran begin using it to mark all tweets about the events there: the opposition candidate Mir-Hossein Mousavi holds an emergency press conference; the voter turn-out is 80%; Mousavi’s website and Facebook page are blocked; police using pepper spray; Mousavi is under house arrest, and declares he is prepared for martyrdom; Neda is dead; there is a riot in Baharestan Square; Bon Jovi sings “Stand by Me” in support; Ahmadinejad confirmed the winner, and so on.

The collection of tweets also shows how tweeters respond to what is happening online and on the ground. Tweets reporting important websites that have been blocked are followed up by proxies being offered. Accounts of police using pepper spray are followed up by links to websites with first aid information.

### *DATA BREAKDOWN (10-30 June 2009):*

Tweets tagged with #iranelection: 653,883

Unique number of Twitter users using #iranelection tag: 99,811

Number of Twitter users using #iranelection with multiple tweets: 46,702

Number of Twitter users using #iranelection with greater than 20 tweets: 6,000

Number of Twitter users using #iranelection with 1 tweet: 53,109

Number of Twitter users using #iranelection who were retweeted: 36,913

Number of Twitter users using #iranelection who were retweeted multiple times: 16,336

Number of Twitter users using #iranelection who were retweeted 10 times or more: 2,829

Number of Twitter users using #iranelection who were retweeted 1 time: 20,577

Number of languages used in #iranelection: 26

Number of tweets in #iranelection in English: 612,373

Number of tweets in #iranelection in Farsi: 6,248

*DESIGN AND ANALYSIS:* Programming by Erik Borra, design by Marieke van Dijk and editorial by Richard Rogers, Kimberley Spreeuwenberg and Esther Weltevrede.

*FURTHER INFORMATION:* #iranelection RT is online at [www.rettivt.net](http://www.rettivt.net) (requires [issuecrawler.net](http://issuecrawler.net) login). ■

## #iranelection RT Top 3 retweets per day

**Jun 10** Wow - Twitter search can let you see all the Iran election tweets coming out of Tehran <http://bit.ly/x5C8P> #IranElection  3 retweets Prosecutor General declares unequal airtime given to candidates is against the law <http://bit.ly/1bhCHK> #IranElection  2 retweets Mousavi boycotts TV debate due to unfair time allocation: 20 min to Ahmadinejad, 1:41 to Mosuavi #IranElection  2 retweets

**Jun 11** RT@LaraABCNewsAhmedinejad = Bush, Mousavi = #Obama? Sadjadpour's neat analysis of #iranelection <http://bit.ly/14jy0Y>  4 retweets Marc Lynch asks "Could there be a Mousavi Effect?" <http://bit.ly/12hKAW> #IranElection #retweet\_thursday  4 retweets RT: @alexlovov: RT @keyvan Expect internet connection problems and new wave of filtering in Iran within next 72 hours. #IranElection  3 retweets

**Jun 12** Mousavi will hold emergency press conference in 15 mins in Tehran <http://havadaran.net/archive/00309.php> #IranElection  6 retweets My conclusions after seeing 100s of #IranElection photos: Tehran looks a lot like Tel-Aviv and ALL Iranian girls are beautiful  5 retweets Reports says more that 80% are electing. This is very high, first time in the history of islamic republic #iranelection  5 retweets

**Jun 13** Latest photos from Tehran: [www.flickr.com/mousavi1388/](http://www.flickr.com/mousavi1388/) (updated every minute) #IranElection  11 retweets Mousavi has been arrested!!!!!! <http://tr.im/oopK> #iranelection  11 retweets SMS is down, Moussavi's websites and Facebook are filtered, state TV is celebrating and people are in the streets. #IranElection  10 retweets

**Jun 14** PLEASE RT (ReTweet) these pictures <http://twitpic.com/7c85I> AND <http://ow.ly/e11H> and this hashtag  348 retweets Dear Iranian People, Mousavi has not left you, he has been put under house arrest by Ministry of Intelligence #IranElection  80 retweets #iranelection We witnessed police spraying pepper gas into the eyes of peaceful female protesters  36 retweets

**Jun 15** Functioning Iran proxies 218.128.112.18:8080 218.206.94.132:808 218.253.65.99:808 219.50.16.70:8080 #iranelection  410 retweets Our Iranian friends can access Twitter from 148.233.239.24 Port:80 in Tehran. Can avoid govt filters from here. #iranelection  131 retweets to other sources: this isn't the police! police is still outside! we're under attack by Ansar-Hezbollah. #iranelection  67 retweets

**Jun 16** Twitter Reschedules Maintenance Around #IranElection Controversy <http://bit.ly/2xWNY> (via  223 retweets RT From Iran: CONFIRMED!! Army moving into Tehran against protesters! PLEASE RT! URGENT! #IranElection  222 retweets RT Open Letter to the World from the People of Iran: <http://tinyurl.com/nw95ev> Please RT.  129 retweets

**Jun 17** Simple ways to help Iranian free speech: <http://is.gd/13U0V> #IranElection #gr88 Pls RT  536 retweets RT from Iran: #IranElection Regime still pretending there's no protest outside Tehran RT this HUGE demo pic NOW- <http://twitpic.com/7ki6e>  250 retweets U.S. Government Asks Twitter to Stay Up for #IranElection Crisis - <http://bit.ly/5Cade>  116 retweets

**Jun 18** RT Add your username to the Green Wall to show support for #iranelection <http://iran.greenthumbnails.com>  272 retweets Mindblowing #IranElection Stats: 221,744 Tweets Per Hour at Peak <http://bit.ly/3xmvpE>  209 retweets to protect us all followers pls change your twt location to IRAN GMT+3.30 - #IranElection RT RT RT  69 retweets

**Jun 19** MOUSAVI APPEALS TO THE WORLD TO PARTICIPATE IN SEA OF GREEN IN IN ALL CAPITAL CITIES THIS SUNDAY #IranElection RT RT RT - confirmed  108 retweets RT From Iran: "I have one vote. I gave it to Moussavi. I have one life. I will give it for Freedom." #IranElection  59 retweets RT from Iran: The



situation in Iran is now CRITICAL - the nation is heartbroken - suppression is imminent - #IranElection  
 52 retweets **Jun 20** I am prepared For martyrdom, go on strike if I am arrested #IranElection  
 174 retweets Courage! Please, please, read this short piece & RT: <http://bit.ly/IQUI5> #IranElection  
 70 retweets STOP supporting US backed coup in Iran. #IranElection #IranElection  64 retweets  
**Jun 21** RT If an innocent girl gets shot halfway across the world, does she make a sound? Yes, and the whole world hears her. #IranElection  117 retweets RT "On 9/11, the world said we were all Americans. Tonight, we're all Iranian" #IranElection #Neda  79 retweets RT RT WIDELY FIRST AID INFO IN FARSI: **یک شزب لگشم:** <http://gr88.tumblr.com/> #IranElection  68 retweets **Jun 22** PLEASE RT: THIS IS WHY WE PROTEST. @ <http://digg.com/d1uPU9> #iran #iranelection  462 retweets  
 Anonymous secure blog RT bypass govt. blocks Free Select Canada to auto-download <http://tinyurl.com/nzxc05> #iranelection  188 retweets Help Iran free speech. RT. Anonymous web tool. Free. Select country Canada <http://tinyurl.com/nzxc05> #iranelection  119 retweets **Jun 23**  
 RT MOUSAVI Declares ALL IRAN STRIKE TUESDAY & Rest of Week! Do NOT WORK! STAY HOME OR PROTEST! Close ALL Bazaars! #IranElection #N  64 retweets #iranelection RT <http://iran.greenthumbnails.com/> learn, understand, support  57 retweets FREE SPEECH! DO NOT SUPPORT BLOODY COUP IN IRAN! #IranElection Tehran <http://tinyurl.com/m7w4pg>  56 retweets  
**Jun 24** New pictures of Neda along with a profile of her life <http://bit.ly/14ebTK> #neda  64 retweets in Baharestan we saw militia with axe chopping ppl like meat - blood everywhere - like butcher - Allah Akbar - #IranElection  62 retweets they pull away the dead into trucks - like factory - no human can do this - we beg Allah for save us - #IranElection  61 retweets **Jun 25** RT URGENT FOR WOUNDED!! English & FARSI FIRST AID INFO: (<http://gr88.tumblr.com/>) #IranElection  102 retweets RT Please RT Video June 24th Riot in Baharestan Sq. posted today <http://bit.ly/Hrh71> #iranelection  67 retweets Plz send your videos to for media, esp CNN. When filming show newspaper to prove date. Very Imp RT RT RT #iranelection  36 retweets **Jun 26**  
 RT - natarsim natarsim ma hame ba ham hastim - Don't be afraid, don't be afraid. We are all in this together #IranElection #iran  40 retweets Doctor who was with Neda in her last moments took a risk to speak to BBC: <http://tinyurl.com/nrrg63>  30 retweets Statistical analysis suggests fraud in #iranelection <http://bit.ly/63MKI>  22 retweets **Jun 27** God is Great #IranElection #revolution #neda RT RT RT everybody  70 retweets RT Please RT Video June 24th Riot in Baharestan Sq. <http://bit.ly/Hrh71> #iranelection #gr88  32 retweets Check out the new tribute video for #iranelection. Dedicated to those protesting in Iran. Amazing video. RT RT RT <http://tinyurl.com/lqpxvv>  28 retweets  
**Jun 28** British embassy staff arrested in Iran, Foreign Office confirms <http://bit.ly/6jnP> #iranelection  66 retweets Iran government TV: Eight local British embassy staffers arrested <http://bit.ly/13hAZ8> #iranelection  28 retweets has been arrested. Some solidarity might not go amiss. RT! #iran  20 retweets **Jun 29** Bon Jovi, Andy Madadian & Richie S. sing "Stand By Me" 2 support #iranelection <http://tr.im/q3hj>  88 retweets #Neda (You Will Not Defeat The People) #music video 4 neda and the ppl of Iran  50 retweets Bon Jovi & Iranian Superstar Andy M. sing "Stand By Me" 2 support #iranelection <http://tr.im/q3hj> RT  47 retweets **Jun 30** RT Support your local Iranians! Only shop at 7-11. FREE IRAN!! ... with purchase of any medium size slurpee... #iranelection  75 retweets RT Ahmadinejad WINS!!! Everyone else can SUCK IT!!!! #iranelection  25 retweets RT Please LIGHT a CANDLE for those who have DIED! PLZ RT! #iranelection Iran #Neda  6 retweets

**GLOBAL INFORMATION SOCIETY WATCH (GISWatch) 2009** is the third in a series of yearly reports critically covering the state of the information society *from the perspectives of civil society organisations across the world.*

**GISWatch** has three interrelated goals:

- **Surveying** the state of the field of information and communications technology (ICT) policy at the local and global levels
- **Encouraging** critical debate
- **Strengthening** networking and advocacy for a just, inclusive information society.

Each year the report focuses on a particular theme. **GISWatch 2009** focuses on *access to online information and knowledge – advancing human rights and democracy*. It includes several thematic reports dealing with key issues in the field, as well as an institutional overview and a reflection on indicators that track access to information and knowledge. There is also an innovative section on visual mapping of global rights and political crises.

In addition, 48 country reports analyse the status of access to online information and knowledge in countries as diverse as the Democratic Republic of Congo, Mexico, Switzerland and Kazakhstan, while six regional overviews offer a bird's eye perspective on regional trends.

**GISWatch** is a joint initiative of the Association for Progressive Communications (APC) and the Humanist Institute for Cooperation with Developing Countries (Hivos).

**GLOBAL INFORMATION SOCIETY WATCH**

2009 Report

[www.GISWatch.org](http://www.GISWatch.org)

