

# French Climate Science on the Web \_ Mapped and Clouded

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Based on data given by Denis Delbecq (Effets de Terre) [denis@delbecq.net](mailto:denis@delbecq.net)

## I. Climate scientists' and skeptics' network maps

### A. French climate skeptics' network

Enter shortlist of URLs of prominent French skeptics' homepages and organizations into the Issuecrawler (settings 2 iterations, crawl depth 2).

Output: cluster map.

Tool used: Issuecrawler [www.issuecrawler.net](http://www.issuecrawler.net) (developed by Govcom.org Foundation, Amsterdam)

For information on how to use this tool, please read:

[http://www.govcom.org/Issuecrawler\\_instructions.htm](http://www.govcom.org/Issuecrawler_instructions.htm)

### B. French climate scientists' network

Enter shortlist of URLs of prominent French skeptics' homepages and organizations into the Issuecrawler (settings 2 iterations, crawl depth 2).

Output: cluster map.

Tool used: Issuecrawler [www.issuecrawler.net](http://www.issuecrawler.net) (developed by Govcom.org Foundation, Amsterdam)

## II. Web resonance clouds

### A. French climate skeptics

Take the top 100 results from Google.fr for the query "changement climatique"

Date: 26 Feb 2010

Harvest unique hosts and filter out Google and Youtube results.

Query URLs for shortlist of prominent French climate change skeptics.

URLs (unique hosts):

<http://www.ladocumentationfrancaise.fr>

<http://www.dailymotion.com>

<http://www.notre-planete.info>

<http://www.wwf.fr>

<http://www.ecologie.gouv.fr>

<http://www.greenfacts.org>

<http://www.ademe.fr>

<http://www.cite-sciences.fr>

<http://www.inra.fr>

<http://www.futura-sciences.com>

<http://www.un.org>

<http://www.cirad.fr>  
<http://www.dictionnaire-environnement.com>  
<http://www.mediaterre.org>  
<http://www.manicore.com>  
<http://www.maxisciences.com>  
<http://www.developpement-durable.gouv.fr>  
<http://www.oecd.org>  
<http://www.ifen.fr>  
<http://www.transports.equipement.gouv.fr>  
<http://www.actu-environnement.com>  
<http://www.euractiv.fr>  
<http://www.caissedesdepots.fr>  
<http://www.goodplanet.info>  
<http://www.naturavox.fr>  
<http://www.lesechos.fr>  
<http://www.fao.org>  
<http://www.cdurable.info>  
<http://www.sfsic.org>  
<http://www.npa2009.org>  
<http://www.iddri.org>  
<http://www.france.attac.org>  
<http://www.developpementdurable.com>  
<http://www.lemonde.fr>  
<http://www.bulletins-electroniques.com>  
<http://www.esc-toulouse.fr>  
<http://www.wikio.fr>  
<http://www.cemagref.fr>  
<http://www.lafarge.fr>  
<http://www.tela-botanica.org>  
<http://www.actioncarbone.org>  
<http://www.vedura.fr>  
<http://www.eurosduvillage.eu>  
<http://www.afrik.com>  
<http://www.friedland.ccip.fr>  
<http://www.institut.veolia.org>  
<http://www.rfi.fr>  
<http://www.oxfam.org>  
<http://www.contre-feux.com>  
<http://www.diplomatie.gouv.fr>  
<http://www.swissinfo.ch>  
<http://www.who.int>  
<http://www.worldsummitofregions.org>  
<http://www.tv5.org>  
<http://www.scidev.net>  
<http://www.insu.cnrs.fr>  
<http://www.wto.org>  
<http://www.euractiv.com>  
<http://www.terra-economica.info>  
<http://www.armand-colin.com>  
<http://www.sante-sports.gouv.fr>  
<http://www.climatefrontlines.org>

<http://www.editions-lepommier.fr>  
<http://www.banquemondiale.org>  
<http://www.amazon.fr>  
<http://www.observeurocde.org>  
<http://www.veilleinfotourisme.fr>  
<http://www.oxfamfrance.org>

Query each site for shortlist of prominent French climate change skeptics:

“Claude Allègre”  
“Vincent Courtillot”  
“Serge Galam”  
“Luc Ferry”  
“Dominique Lecourt”  
“Christian Gerondeau”  
“Marcel Leroux”  
“Jean Martin”  
“Benoit Rittaud”  
“Laurent Cabrol”  
“Charles Muller”  
“Jean-Michel Belouve”  
“Vincent Bénard”

Output: Ordered cloud showing the skeptics’ presence in the Changement Climatique issue space. Top sources on “changement climatique” (in Google.fr), with number of mentions per skeptic.

Tool used: Lippmannian Device (or Google Scraper)

<http://tools.issuecrawler.net/beta/scrapeGoogle/> (developed by Digital Methods Initiative, Amsterdam)

Instructions of use: <http://wiki.digitalmethods.net/Dmi/ToolGoogleScraper>

## **B. French Climate Scientists (non-skeptical)**

Take the top 100 results from Google.fr for the query “changement climatique”

Date: 26 Feb 2010

Harvest unique hosts and filter out Google and Youtube results.

Query for shortlist of prominent French climate scientists.

“Jean Jouzel”  
“Hervé le Treut”  
“Edouard Bard”  
“Anny Cazenave”  
“Dominique Raynaud”  
“Nathalie de Noblet”  
“Valérie Masson- Delmotte”  
“Sylvie Joussaume”  
“Gilles Delaygue”  
“Claude Lorius”

Output: Ordered cloud showing the skeptics' presence in the Changement Climatique issue space. Top sources on "changement climatique" (in Google.fr), with number of mentions per scientist.

Tool used: Lippmannian Device (or Google Scraper)

<http://tools.issuecrawler.net/beta/scrapeGoogle/> (developed by Digital Methods Initiative, Amsterdam)

Instructions of use: <http://wiki.digitalmethods.net/Dmi/ToolGoogleScraper>

### **C French Resonance in Top 100 "climate change" on Google.com**

Take the top 100 results from Google.com for the query "climate change"

Date: 26 Feb 2010

Harvest unique hosts and filter out Google and Youtube results.

Query for shortlist of prominent French climate scientists and skeptics.

#### **URLs**

<http://www.ipcc.ch>  
<http://www.epa.gov>  
<http://www.climatechange.gov.au>  
<http://www.guardian.co.uk>  
<http://www.bbc.co.uk>  
<http://www.unep.org>  
<http://www.newscientist.com>  
<http://www.bom.gov.au>  
<http://www.ec.gc.ca>  
<http://www.climatechange.gc.ca>  
<http://www.davidsuzuki.org>  
<http://www.oxfam.org.uk>  
<http://www.decc.gov.uk>  
<http://www.nature.org>  
<http://www.direct.gov.uk>  
<http://www.pewclimate.org>  
<http://www.climatechange.com.au>  
<http://www.worldbank.org>  
<http://www.climatechange.govt.nz>  
<http://www.cbc.ca>  
<http://www.nature.com>  
<http://www.campaigncc.org>  
<http://www.un.org>  
<http://www.greenpeace.org>  
<http://www.metoffice.gov.uk>  
<http://www.amnh.org>  
<http://www.scidev.net>  
<http://www.climatecamp.org.uk>  
<http://www.paranormaltavern.com>  
<http://www.fao.org>  
<http://www.csiro.au>  
<http://www.climatechangecapital.com>  
<http://www.johnmccain.com>  
<http://www.defra.gov.uk>

<http://www.iea.org>  
<http://www.climateark.org>  
<http://www.worldwildlife.org>  
<http://www.iisd.org>  
<http://www.acfonline.org.au>  
<http://www.oecd.org>  
<http://www.wikinvest.com>  
<http://www.mfe.govt.nz>  
<http://www.realclimate.org>  
<http://www.energy.gov>  
<http://www.climatechallenge.gov.uk>  
<http://www.ft.com>  
<http://www.eea.europa.eu>  
<http://www.climatechangeinaustralia.gov.au>  
<http://www.state.gov>  
<http://www.foe.co.uk>  
<http://www.climatechange.ca.gov>  
<http://www.ecy.wa.gov>  
<http://www.climatechangecentral.com>  
<http://www.brookings.edu>  
<http://www.teachers.ash.org.au>  
<http://www.gcrio.org>  
<http://www.amazon.com>  
<http://www.climatecrisis.net>  
<http://www.parliament.uk>  
<http://www.dar.csiro.au>  
<http://www.huffingtonpost.com>  
<http://www.oxfamamerica.org>  
<http://www.wwf.org.au>  
<http://www.ecn.ac.uk>  
<http://www.catholicsandclimatechange.org>  
<http://www.independent.co.uk>  
<http://www.sourcewatch.org>  
<http://www.usgs.gov>  
<http://www.ltscotland.org.uk>  
<http://www.arb.ca.gov>

### **Queries**

“Claude Allègre”  
“Vincent Courtillot”  
“Serge Galam”  
“Luc Ferry”  
“Dominique Lecourt”  
“Christian Gerondeau”  
“Marcel Leroux”  
“Jean Martin”  
“Benoit Rittaud”  
“Laurent Cabrol”  
“Charles Muller”  
“Jean-Michel Belouve”

“Vincent Bénard”  
“Jean Jouzel”  
“Hervé le Treut”  
“Edouard Bard”  
“Anny Cazenave”  
“Dominique Raynaud”  
“Nathalie de Noblet”  
“Valérie Masson- Delmotte”  
“Sylvie Joussaume”  
“Gilles Delaygue”  
“Claude Lorius”

Output: Ordered cloud showing the French skeptics’ and scientists’ presence in the Climate Change issue space. Top sources on “climate change” (in Google.com), with number of mentions per skeptic and scientist.

Tool used: Lippmannian Device (or Google Scraper)

<http://tools.issuecrawler.net/beta/scrapeGoogle/> (developed by Digital Methods Initiative, Amsterdam)

Instructions of use: <http://wiki.digitalmethods.net/Dmi/ToolGoogleScraper>

### III Climategate Files

Query the leaked climategate files for the shortlist of prominent French climate scientists and skeptics.

Count and cloud results.

“Claude Allègre” (1)  
“Vincent Courtillot” (2)  
“Serge Galam” (0)  
“Luc Ferry” (0)  
“Dominique Lecourt” (0)  
“Christian Gerondeau” (0)  
“Marcel Leroux” (0)  
“Jean Martin” (0)  
“Benoit Rittaud” (0)  
“Laurent Cabrol” (0)  
“Charles Muller” (0)  
“Jean-Michel Belouve” (0)  
“Vincent Bénard” (0)  
“Jean Jouzel” (33)  
“Hervé le Treut” (11)  
“Edouard Bard” (16)  
“Anny Cazenave” (1)  
“Dominique Raynaud” (13)  
“Nathalie de Noblet” (0)  
“Valérie Masson- Delmotte” (28)  
“Sylvie Joussaume” (0)  
“Gilles Delaygue” (2)  
“Claude Lorius” (1)

Output: Ordered cloud showing presence of the French shortlist of climate scientists and skeptics in the Climategate files.

Tool used: Tag Cloud Generator, <http://tools.issuecrawler.net/beta/svgcloud/> (developed by Digital Methods Initiative, Amsterdam)

# ClimateSkeptics\_France

## Co-link Map Details:

Author: Sabine Niederer  
Email: sabine@networkcultures.org  
Crawl start: 24 Feb 2010 - 19:01  
Crawl end: 24 Feb 2010 - 22:19  
Privilege starting points: off  
Co-link Analysis Mode: page  
Iterations: 2  
Crawl Depth: 2  
Node count: 47

Map generated from Issuecrawler.net by the Govcom.org Foundation, Amsterdam.

## Legend:

● (com) ● (org) ● (.ac.uk) ● (.gov) ● (.edu) ● (.fr) ● (.no) ● (.co.uk)  
● (.ch) ● (.ca)

## Statistics:

**ipcc.ch**  
Destination URL: http://www.ipcc.ch/  
Page date stamp: 22 Feb 2010 - 11:00  
Links received from crawled population: 1258

## Links from network (1 - 20)

1. climat-sceptique.over-blog.com
2. cru.uea.ac.uk
3. en.wikipedia.org
4. epa.gov
5. esrl.noaa.gov
6. giss.nasa.gov
7. grida.no
8. ipcc-wg1.ucar.edu
9. noconsensus.wordpress.com
10. pielkeclimatesci.wordpress.com
11. realclimate.org
12. worldclimatereport.com

Links to network: 1





# ClimateScience\_France

## Co-link Map Details:


Author: Sabine Niederer  
Email: sabine@networkcultures.org  
Crawl start: 25 Feb 2010 - 06:14  
Crawl end: 25 Feb 2010 - 08:15  
Privilege starting points: off  
Co-link Analysis Mode: page  
Iterations: 2  
Crawl Depth: 2  
Node count: 50

Map generated from Issuecrawler.net by the Govcom.org Foundation, Amsterdam.

## Legend:



## Statistics:

 **cnrs.fr**  
Destination URL: <http://www.cnrs.fr/>  
Page date stamp: 25 Feb 2010 - 06:57  
Links received from crawled population: 4355

### Links from network (1 - 20)

- |                          |                            |
|--------------------------|----------------------------|
| 1. ens.fr                | 11. u-bordeaux1.fr         |
| 2. insu.cnrs.fr          | 12. univ-paris-diderot.fr  |
| 3. ipsl.fr               | 13. upmc.fr                |
| 4. latmos.ipsl.fr        | 14. www-lsce.cea.fr        |
| 5. lesia.obspm.fr        | 15. gisclimat.fr           |
| 6. lisa.univ-paris12.fr  | 16. ifremer.fr             |
| 7. lmd.jussieu.fr        | 17. amma-international.org |
| 8. lsce.ipsl.fr          | 18. cnes.fr                |
| 9. obs-vlfr.fr           | 19. inra.fr                |
| 10. sent-iledefrance.org | 20. institut-polaire.fr    |

Links to network: 16

< | >



Claude Allègre (44)

Jean Martin (42)      Luc Ferry (40)

Dominique Lecourt (28)      Vincent Courtillot (23)

Marcel Leroux (18)      Christian Gerondeau (16)      Charles Muller (14)

Serge Galam (13)      Laurent Cabrol (12)      Vincent Bénard (11)

Benoit Rittaud (8)      Jean-Michel Belouve (4)

Jean Jouzel (43)

Hervé le Treut (37)      Claude Lorius (30)

Edouard Bard (27)      Sylvie Joussaume (22)

Dominique Raynaud (21)      Valérie Masson- Delmotte (19)

Addy Cazenave (19)      Nathalie de Noblet (14)

Gilles Delaygue (4)

## Climate Change on the Web French Skeptics' and Scientists' Resonance Clouded

Query: "Climate Change"  
Method: Take the top 100 Google.com results for "Climate Change"  
and query for shortlist of prominent French climate skeptics and scientists.

**Digital Methods Initiative**

02 March

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Ordered cloud made by Sabine Niederer, using tools.digitalmethods.net

Jean Martin (23)

Claude Allègre (19) Charles Muller (17)

Anny Cazenave (15) Jean Jouzel (14) Luc Ferry (14)

Marcel Leroux (11) Vincent Courtillot (11) Hervé le Treut (11)

Edouard Bard (9) Valérie Masson- Delmotte (7) Dominique Raynaud (7)

Claude Lorius (7) Sylvie Joussaume (6) Dominique Lecourt (5) Christian Gerondeau (4)

Laurent Cabrol (3) Nathalie de Noblet (2) Serge Galam (1) Benoit Rittaud (1)

Gilles Delaygue (1) Vincent Bénard (0) Jean-Michel Belouve (0)

Jean Jouzel (33)

Valérie Masson- Delmotte (28) Edouard Bard (16)

Dominique Raynaud (13) Hervé le Treut (11)

Vincent Courtillot (2) Gilles Delaygue (2) Anny Cazenave (1) Claude Allègre (1) Claude Lorius (1)

Nathalie de Noblet (0) Sylvie Joussaume (0) Jean-Michel Belouve (0) Christian Gerondeau (0)

Dominique Lecourt (0) Luc Ferry (0) Serge Galam (0) Marcel Leroux (0) Jean Martin (0)

Charles Muller (0) Laurent Cabrol (0) Benoit Rittaud (0)

Vincent Bénard (0)