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# Climate Change and Transition Studies

An Interactive Online Learning Initiative

Designed for IvyMind Consulting, LLC  
as a project of the

Young Scholars' Online Learning Initiative

created by

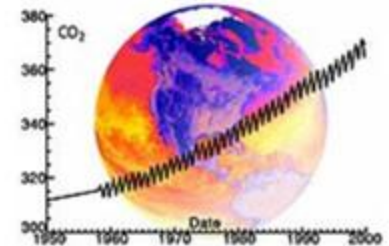
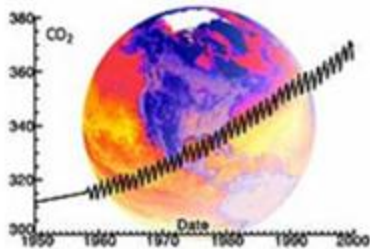
Timothy C. Weiskel

Research Director, *Cambridge Climate Research Associates*

**Climate Science for Human Survival**

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## Session 2

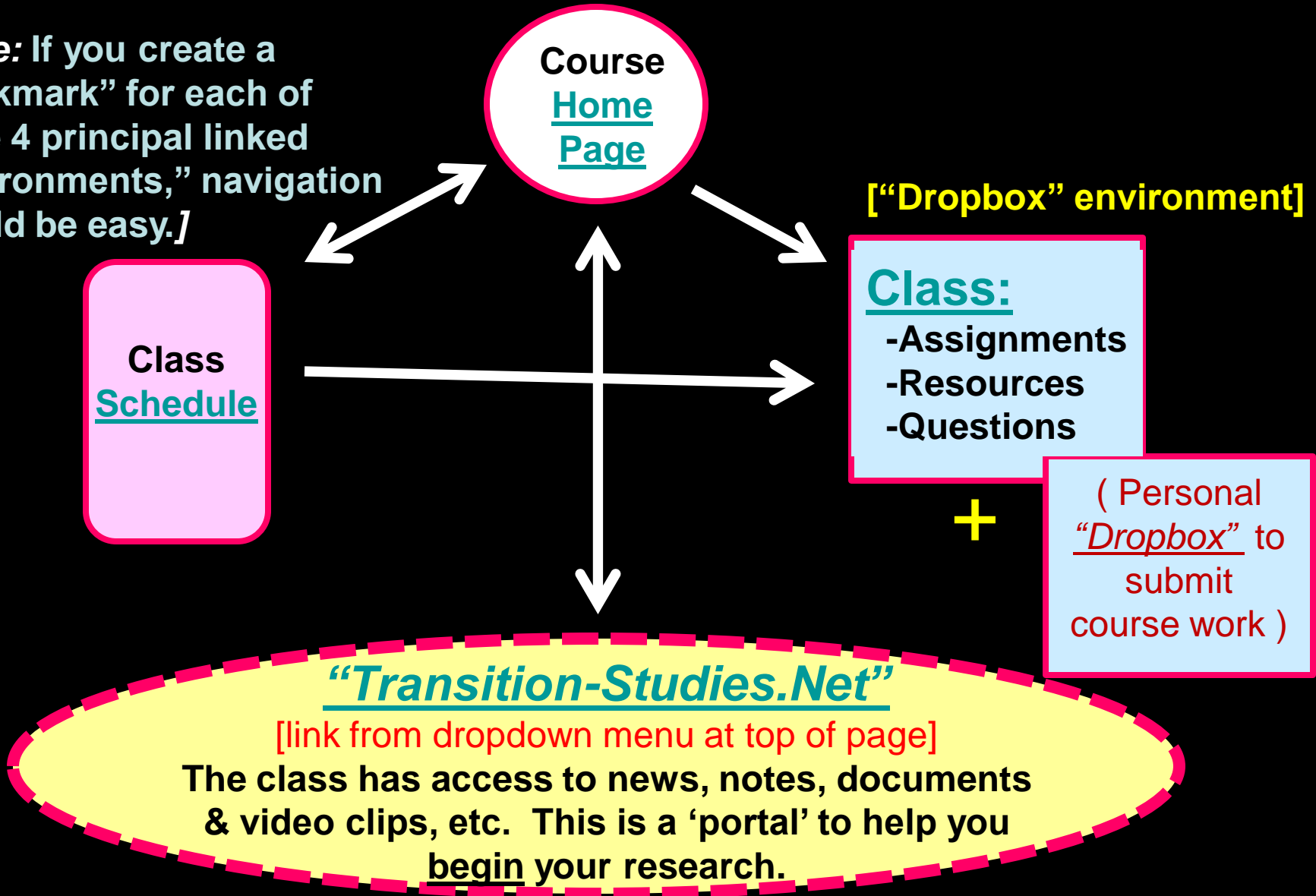
Some Techniques and Best Practices for Sourcing  
and Properly Citing Climate Science Research

18 July 2019

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# Summary diagram of online “environments” for the “*Climate Change & Transition Studies*” course.

[ Note: If you create a “bookmark” for each of these 4 principal linked “environments,” navigation should be easy.]





## Files

### My files

Sharing







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## Dropbox > YSOLI > 2019 - Climate Participants

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<input type="checkbox"/>	Name ↑	Modified ↓	Members ↓	
<input checked="" type="checkbox"/>	 Angel - Wang - Li Meng	--	4 members	<a href="#">Share</a> 
<input type="checkbox"/>	 Class - Assignments	--	11 members	
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<input type="checkbox"/>	 Class - Weekly Questions	--	8 members	
<input type="checkbox"/>	 Isabella - Zhu Jingling	--	3 members	

# In today's session we will cover these topics....

1. How do you do your research? Do you begin with the Internet? Where do you start?

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4. What has been said  
Who has said it?  
When was it said?  
Where was it said? (on what occasion?)  
and How do you know? (what is the source?)

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3. How do you find the “exact quote”?
4. What has been said  
Who has said it?  
When was it said?  
Where was it said? (on what occasion?)  
and How do you know? (what is the source?)
5. (A proper citation makes all these things clear).



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8. How can you find the “primary source(s)” behind a  
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(portal, aggregator, source?)
8. How can you find the “primary source(s)” behind a  
“news” story?
9. What is a primary source in the context of scientific  
statements?

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these topics....

10. What is a “peer-reviewed” article” or publication?

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10. What is a “peer-reviewed” article” or publication?
11. Why is a “peer-reviewed” source generally more reliable than a single authored source, or an opinion piece, an editorial, or news report?
12. Where can you find peer-reviewed sources on climate change and the many aspects of its impacts around the world?

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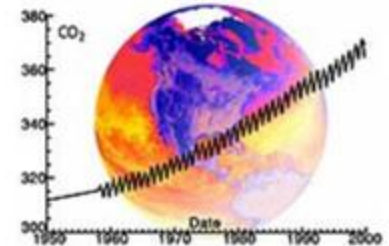
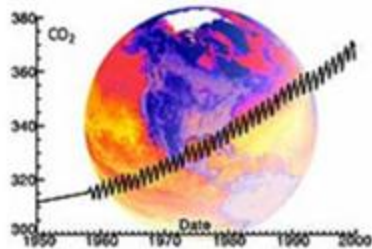
Timothy C. Weiskel

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**Climate Science for Human Survival**

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Necessary Components of Your  
Research Paper

---



# Your papers should include:

- A **“Title Page”** with your title, name and contact information

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- An “**Abstract**” (usually written first, but revised last).

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- An **“Abstract”** (usually written first, but revised last).
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  - The **Parties** (different groups or people involved.)

# Your papers should include:

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  - The **Policies** that they/you suggest to resolve the Problem.

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- An **“Abstract”** (usually written first, but revised last).
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  - The **Problem**
  - The **Parties** (different groups or people involved.)
  - The **Principles** (of each contending party)
  - The **Policies** that they/you suggest to resolve the Problem.

A **Bibliography** at the end of the paper.



These things should be  
composed in paragraph form...

...and presented as a “research report.”

You can think of it as a critical article which assesses a particular problem and documents its major features, the principle people or groups involved and highlights specific policies that in your judgment need to be devised to address the problem.

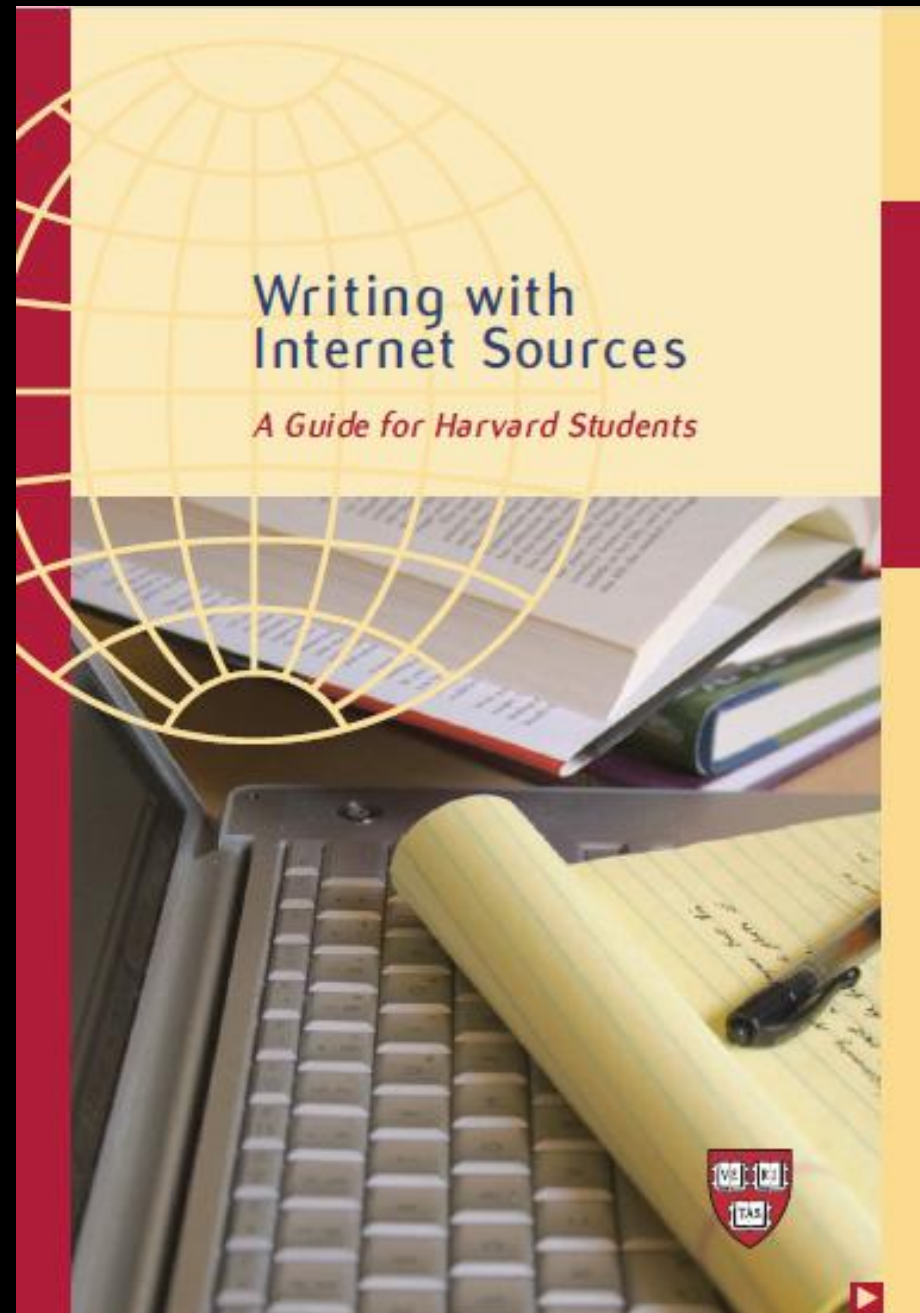
# You will need to:

- Use primary sources to document your statements

You will need to:

Use *primary sources* to  
document your statements

- Cite all quotations and ideas correctly with the citation styles outlined here in Session 2 (see slides 117-123 below) to make all attribution clear to the reader.
- [These conventions are illustrated in “*Writing with...*” in the RESOURCES folder.]



# Then, you will need to:

Develop your argument over 10 to 15 pages,  
with *approximately* 3 footnotes or  
endnotes per page in which you cite your  
sources.

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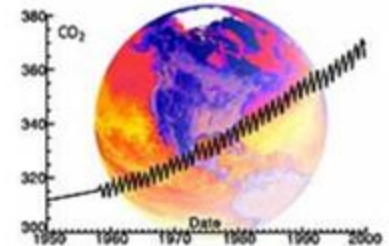
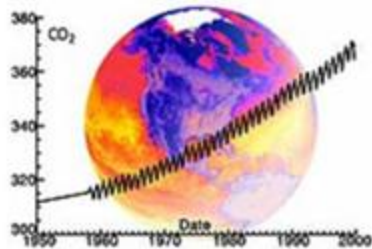
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Necessary Components of Your  
Research Paper

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Who says what to whom and when is very,  
very important...

...Last year, after Trump came to office...

VIEW

## It's US & UK vs Germany & China at G20 summit

The two-day summit in Hamburg, which kicks off today, could be the G20's tensest meeting ever



Who says what to whom and when is very,  
very important...  
...AND now – more than ever...

### Leaders at China-EU Summit discuss free trade as China-US trade spat intensifies

Posted on [July 16, 2018](#) | [Leave a comment](#) | [Edit](#)



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<https://environmentaljusticetv.wordpress.com/2018/07/16/leaders-at-china-eu-summit-discuss-free-trade-as-china-us-trade-spat-intensifies/>



# KNOWLEDGE BROKERAGE FOR **SUSTAINABLE DEVELOPMENT**

Innovative Tools for Increasing Research Impact  
and Evidence-Based Policy Making



ANDRÉ MARTINUZZI AND MICHAL SEDLACKO

The need for skilled and honest “**Knowledge Brokerage**” has never been greater !

You have enormous potential power because of your cultural position – if you learn how to become a good “knowledge broker” on climate issues to both English and Chinese speaking worlds.

# KNOWLEDGE BROKERAGE FOR SUSTAINABLE DEVELOPMENT

Innovative Tools for Increasing Research Impact  
and Evidence-Based Policy Making



ANDRÉ MARTINUZZI AND MICHAL SEDLACKO

# **KNOWLEDGE BROKERAGE FOR SUSTAINABLE DEVELOPMENT**

Innovative Tools for Increasing Research Impact  
and Evidence-Based Policy Making



ANDRÉ MARTINUZZI AND MICHAL SEDLACKO

But this will *require a lot of work*.... You will need to *search for the truth* at a moment when powerful forces are trying to generate “fake news.”





# Searching for the truth in the age of “fake news”

## Breaking down Trump's fake TIME magazine cover

Posted on [July 7, 2017](#) | [Leave a comment](#) | [Edit](#)



<https://environmentaljusticetv.wordpress.com/2017/07/07/breaking-down-trumps-fake-time-magazine-cover/>

## Fact Check: President Trump's remarks on leaving the Paris climate accord

Posted on [July 8, 2017](#) | [Leave a comment](#)



<https://environmentaljusticetv.wordpress.com/2017/07/08/207-fact-check-president-trumps-remarks-on-leaving-the-paris-climate-accord/>

Not just one leader.... Whole governments may try to manipulate science for their own ends.



<https://environmentaljusticetv.wordpress.com/2017/07/08/epa-chief-pushing-governmentwide-effort-to-question-climate-change-science-the-washington-post/>

# So where can we start?

<b>Some Common Types of Internet Sources on Climate-related Issues</b>	




# An overview of types of sources on the Internet:

[illegible]

# An overview of types of sources on the Internet:

[illegible]

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## Some Common Types of Internet Sources on Climate-related Issues

Online news sources – (Internet only, or Internet version of “hardcopy”)

Signed opinion pieces, essays or editorials

Government Publications


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**Peer-reviewed, scientific publications !**

# Let's start with online "news"...

## Some Common Types of Internet Sources on Climate-related Issues

[illegible]

# *The Guardian* (London)

<https://www.theguardian.com/environment/climate-change>

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## Climate change

7 July 2017



Onus on Australia to take



US trying to water down G20

Naomi Klein: 'Trump is more like the schlock doctrine' - video

2:00 AM

Government held back greenhouse gas emission data for more than a month

1:46 AM 344

# *The Guardian* (London)

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**Climate change**

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**environment**

**Texas companies penalized in less than 3% of illegal air pollution cases - report**

Figure underscores need for federal oversight as the Trump administration seeks to slash the Environmental Protection Agency's budget and roll back rules



**Trump's alarming environmental rollback: what's been scrapped so far**



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# The New York Times

<https://www.nytimes.com/>

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# The New York Times



Saturday, July 8, 2017 | Today's Paper | Video | 63°F | S. & P. 500 +0.64% ↑

World U.S. Politics N.Y. Business Opinion Tech Science Health Sports Arts Style Food Travel Magazine T Magazine Real Estate ALL

## Trump Asks Putin About Meddling in U.S. Election

By JULIE HIRSCHFELD DAVIS, DAVID E. SANGER and GLENN THRUSH

- President Trump used his first meeting with President Vladimir V. Putin of Russia to question him directly about interfering in the 2016 election.
- Aides for each leader offered differing versions of the two-hour exchange, but agreed that the talk turned quickly to how they could work together in the future.



00:41

### Trump and Putin Meet Face to Face

Video by BARBARA MARCOLINI. Photo by Stephen Crowley/The New York Times

### Deal Reached for Partial Cease-Fire in Syria

By GARDINER HARRIS

The agreement between the U.S., Russia and Jordan covers a limited area in southwestern Syria.

- Summit Protests Grip Hamburg, and Dozens Are Hurt

### Once Dominant, the U.S. Finds Itself Isolated

By STEVEN ERLANGER and JULIE HIRSCHFELD DAVIS

On issues like trade and climate change, the Trump administration stands alone.

### Yes, the Trump Administration Has Ideas, and Some Are O.K.

By THE EDITORIAL BOARD

Although you wouldn't know it from the president's tweets.

### How to Make Congress Bipartisan

By REIHAN SALAM and ROB RICHIE

Eliminating gerrymandering will not reduce polarization in Congress. We need a whole new voting system.



- Collins: Putin Meets Tons of Trumps
- Kristof: Did Putin Have Trump for Lunch?

### The Opinion Pages

### A Long March for Justice in Turkey

By KEMAL KILICDAROGLU

The leader of Turkey's Republican People's Party on leading thousands in a march for democracy.



- Editorial: Even Now, Does Mr. Trump Get It on Hacking?
- Stephens: On North Korea, Trump's on the Right Track
- Brooks: The Age of Bailing
- Krugman: G.O.P. Deceptions
- Egan: Ten Years of the iPhone
- Embracing Fraternity in a Paris Banlieue
- How Not to Get a Job
- Test Driving a Racecar

# The New York Times

<https://www.nytimes.com/section/science>

## Science

CLIMATE | SPACE & COSMOS | HEALTH | TRILOBITES | SCIENCETAKE | OUT THERE

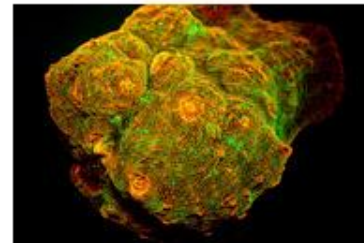


JEREMY GOLDBOGEN

### How to Attach a Video Camera to a Humpback Whale

You're going to need a long pole, a quiet boat and proper permits, and it helps if the whale is napping.

13h ago · By JOANNA KLEIN



E. SMITH

### In the Deep, Dark Sea, Corals Create Their Own Sunshine

Corals that live up to hundreds of feet below the ocean's surface have worked out a special arrangement with algae that's mutually beneficial for the two.

8h ago · By JOANNA KLEIN

TRILOBITES

### In a Lost Baby Tooth, Scientists Find Ancient Denisovan DNA

The molar is from what researchers say is only the fourth individual member of the elusive species of ancient human cousins.

15h ago · By NICHOLAS ST. FLEUR



### CERN Physicists Find a Particle With a Double Dose of Charm

The discovery could provide new insight into how quarks, the building blocks of protons and neutrons, interact with each other.





# The New York Times

<https://www.nytimes.com/section/climate>

## Climate and Environment



ROBERT RAY/ASSOCIATED PRESS

### Fewer Inspections for Aging Nuclear Plants, Regulators Propose

The proposal would significantly weaken or reduce the number and rigor of its safety inspections at the nation's 59 nuclear plants.

• By CORAL DAVENPORT



RAUL FERNANDEZ/ASSOCIATED PRESS

### Red Cross to World's Cities: Here's How to Prevent Heat Wave Deaths

The disaster relief agency issued new guidelines to help city leaders cope with rising global temperatures.

• By SOMINI SENGUPTA

# The Washington Post

<https://www.washingtonpost.com/>

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July 8, 2017

## The Washington Post

*Democracy Dies in Darkness*

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### Growing U.S. isolation on display at G-20 as world aligns against Trump policies

Normally a venue for drab displays of international comity, this gathering of economic powers saw clashes and talk of a possible transatlantic trade war. The tensions were also a warning signal of Washington's diminished clout as leaders mounted a near-united opposition to U.S. policies.

By Michael Birnbaum and Damian Paletta

- **Trump confirms U.K. trip, promises 'very powerful' trade deal with Britain**
- **U.S., Russia agree to collaborate**



Jehan Li and Mia Qi watch their son, Oscar, play in the courtyard in front of their home in Beijing. (Giulia Marchi for The Washington Post)

**ALWAYS CHARGED.  
ALWAYS READY.**

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**LEXUS**

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Video

# *The Washington Post*

<https://www.washingtonpost.com/>

World

## At G-20, world aligns against Trump policies ranging from free trade to climate change

See President Trump as he travels abroad for the G-20 economic summit



View Photos

The president made his way to Germany for the meeting of world leaders after a stop in Poland.

Washington  
Post has  
political  
emphasis –  
not science...

# *The Washington Post*

<https://www.washingtonpost.com/news/energy-environment/wp/category/climate-change/>

## Energy and Environment

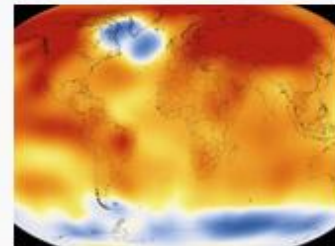
With Chris Mooney

Climate Change · Energy · Psychology and Behavior · Science · Endangered Species

### Scientists are starting to clear up one of the biggest controversies in climate science

This is why climate change could speed up later in this century.

Chelsea Harvey · Climate Change · 2 days ago





# The *BBC* – World News

<http://www.bbc.com/news/world>

**BBC**  BBC ID Menu ▾

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[World](#) | [Africa](#) | [Asia](#) | [Australia](#) | [Europe](#) | [Latin America](#) | [Middle East](#)

## Climate change holds up G20 progress

A final communiqué seems to be almost agreed, but with one outstanding issue - climate change.

 8 July 2017 | [Europe](#)

 Body language analysed

 Anti-G20 riot in Hamburg

In pictures: Violence at G20 protests

 How much do world leaders earn?



# The *BBC* - Science

[http://www.bbc.com/news/science\\_and\\_environment](http://www.bbc.com/news/science_and_environment)

**BBC** Sign in Menu

NEWS

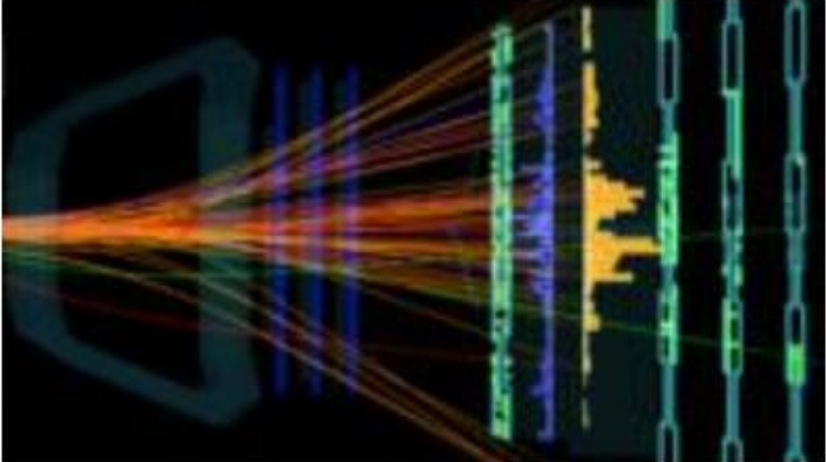
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## LHC detects 'double heavy' particle

Scientists have detected a new particle at the Large Hadron Collider at Cern


🕒 6 July 2017

Science & Environment



# Democracy Now!

<https://www.democracynow.org/>




Independent Global News

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**HOT TOPICS** Donald Trump Impeachment Travel Ban Climate Change Immigration Police Brutality

### Top News



**STORY JUL 07, 2017**

**Dystopian Nightmare: Eyewitness Decries Police Repression at G20 Summit as 100,000 Take to Streets**



**STORY JUL 07, 2017**

**Srećko Horvat on "Democracy in Europe Movement" & Uniting Leftists Against Failed Policies of G20**

### HEADLINES

**Watch Read**

Over 100,000 Protesters Met by Riot Police Outside G20 Talks in Hamburg

G20 Leaders Defy Trump, Voice Support for Paris Climate Accord

Trump to Meet Russian President Amid Charges of Election Meddling

# Democracy Now! Climate Change

[https://www.democracynow.org/topics/climate\\_change](https://www.democracynow.org/topics/climate_change)



Independent Global News

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## HOT TOPICS

Donald Trump · Impeachment · Travel Ban · Climate Change · Immigration · Police Brutality




Image Credit: flickr.com/stephenmekisethian

Democracy Now! has long covered the issue of climate change. We reported from the U.N. Climate Change Conferences in Paris, Lima, Warsaw, Doha, Durban, Cancún, and Copenhagen, and from Bolivia's World Peoples' Summit on Climate Change. We've



# Democracy Now! Environment

<https://www.democracynow.org/topics/environment>



Independent Global News

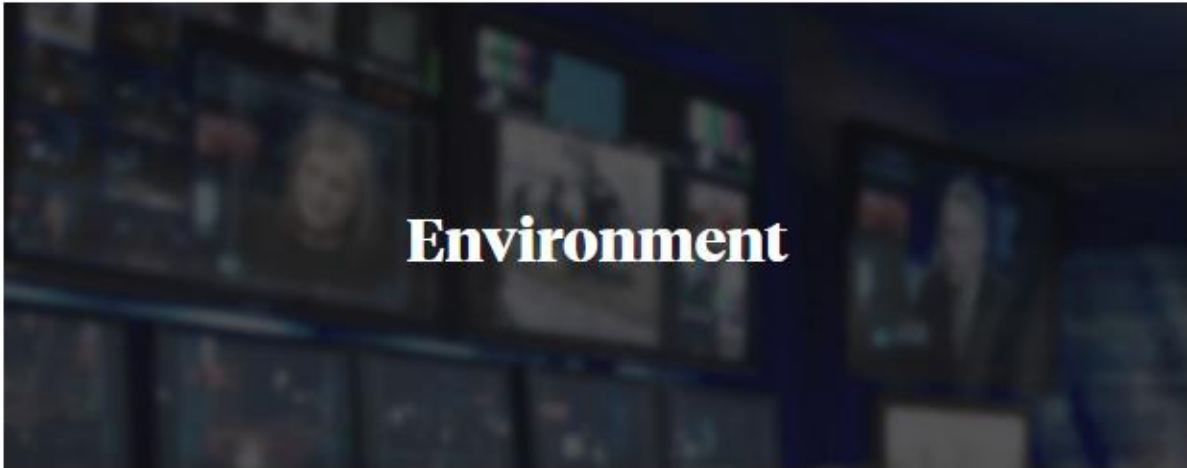
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**HOT TOPICS**

Donald Trump Impeachment Travel Ban Climate Change Immigration Police Brutality Chelsea Manning Syria



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Natural Gas & Oil Drilling

Global Warming

BP Oil Spill

Offshore Drilling

**Browse Topics**

Topics in the News

Topics A-Z

So, so much for some news sources.... Then what?

## Some Common Types of Internet Sources on Climate-related Issues

[illegible]

# So, so much for some news sources.... Then what?

## Some Common Types of Internet Sources on Climate-related Issues

Online news sources – (Internet only, or Internet version of “hardcopy”)	Signed opinion pieces, essays or editorials

# Example of “opinion piece”

<https://environmentaljusticetv.wordpress.com/2017/03/23/were-treating-soil-like-dirt-its-a-fatal-mistake-because-all-human-life-depends-on-it-george-monbiot-opinion-the-guardian/>

**We're treating soil like dirt. It's a fatal mistake, because all human life depends on it | George Monbiot | Opinion | The Guardian**

Posted on [March 23, 2017](#) | [Leave a comment](#) | [Edit](#)





# Start to practice the “*mining*” of news and opinion sources

<https://environmentaljusticetv.wordpress.com/2017/03/23/were-treating-soil-like-dirt-its-a-fatal-mistake-because-all-human-life-depends-on-it-george-monbiot-opinion-the-guardian/>

**We're treating soil like dirt. It's a fatal mistake, because all human life depends on it | George Monbiot | Opinion | The Guardian**

Posted on [March 23, 2017](#) | [Leave a comment](#) | [Edit](#)



# Start to practice the “*mining*” of news and opinion sources

<http://world.time.com/2012/12/14/what-if-the-worlds-soil-runs-out/>

≡ TIME

TIME



EMPOWERING ENGINEERING  
TO DESIGN SMARTER GRIDS

WORLD

## What If the World's Soil Runs Out?

A broken food system is destroying the soil and fuelling health crises as well as conflicts, warns Professor John Crawford of the University of Sydney.

By World Economic Forum | Dec. 14, 2012

Learn to “mine”, news headlines, for example....

## Study Finds Antarctic Glacier Is Melting and Could Add 50cm to Sea Level Rise

Posted on [July 11, 2019](#) | [Leave a comment](#) | [Edit](#)



<https://environmentaljusticetv.wordpress.com/2019/07/11/study-finds-antarctic-glacier-is-melting-and-could-add-50cm-to-sea-level-rise/>

# How would you “mine” this news story?

## Study Finds Antarctic Glacier Is Melting and Could Add 50cm to Sea Level Rise

Posted on [July 11, 2019](#) | [Leave a comment](#) | [Edit](#)



<https://environmentaljusticetv.wordpress.com/2019/07/11/study-finds-antarctic-glacier-is-melting-and-could-add-50cm-to-sea-level-rise/>



# “Mining” for other information...

You will need to learn how to mine all online information sources for the “indirect” or “embedded” information within them....

For example:

How many of you learned about the  
China Environment Forum  
in Washington, D.C.?

# “Mining” for other information...

<https://environmentaljusticetv.wordpress.com/2017/05/14/jennifer-turner-discusses-chinas-flood-season-2/>



CHINA 24

CHINA FLOODS

Rainy seasons over the last few years

CGTN

“Mining” for other information...  
...remember this link from our  
first meeting?

<https://environmentaljusticetv.wordpress.com/2017/05/14/jennifer-turner-discusses-chinas-flood-season-2/>



You all had access to this source...from the slide.  
How many of you “mined” this source for its  
useful information?

<https://environmentaljusticetv.wordpress.com/2017/05/14/jennifer-turner-discusses-chinas-flood-season-2/>

### Jennifer Turner discusses China's flood season

Posted on [May 14, 2017](#) | [Leave a comment](#) | [Edit](#)



[CGTN America](#)



You all had access to this source...from the slide.  
How many of you “mined” this source for its  
useful information?

<https://environmentaljusticetv.wordpress.com/2017/05/14/jennifer-turner-discusses-chinas-flood-season-2/>

## Jennifer Turner discusses China's flood season

Posted on [May 14, 2017](#) | [Leave a comment](#) | [Edit](#)



[CGTN America](#)

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**China Environment Forum  
Events**

[VIEW ALL UPCOMING & PAST  
EVENTS](#)

Jul. 12, 2017 // 2:00pm - 4:00pm

The Uncertain Transition Away From Coal—Stories from China and the United States

You all had access to this source...from the slide.  
How many of you “mined” this source for its  
useful information?

<https://www.wilsoncenter.org/program/china-environment-forum>



## China Environment Forum

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### China Environment Forum Events

[VIEW ALL UPCOMING & PAST  
EVENTS](#)

Jul. 12, 2017 // 2:00pm - 4:00pm

The Uncertain Transition Away From Coal—Stories from China and the United States

<https://www.wilsoncenter.org/person/jennifer-l-turner>



RESEARCH

EVENTS

Wilson Center Home // Experts // [Jennifer L. Turner](#)



DIRECTOR, CHINA ENVIRONMENT FORUM & MANAGER, GLOBAL  
CHOKE POINT INITIATIVE // CHINA ENVIRONMENT FORUM

## Jennifer L. Turner

### CONTACT

[jennifer.turner@wilsoncenter.org](mailto:jennifer.turner@wilsoncenter.org)

T 202-691-4233

F 202-691-4001

### EXPERTISE

Energy, Environment, China Environment, Water, Environmental  
Health, Asia, China Mainland, Taiwan

You all had access to this source...from the slide.  
How many of you “mined” this source for its  
useful information?

<https://www.wilsoncenter.org/program/china-environment-forum>

*Since 1997, the China Environment Forum's mission has been to forge U.S.-China cooperation on energy, environment, and sustainable development challenges. We play a unique nonpartisan role in creating multi-stakeholder dialogues around these issues.* // READ MORE

EMAIL UPDATES

Stay up to date with the China  
Environment Forum

enter email



Choke Point on New  
Security Beat Blog

Mon. Jul.

29

2019

11:30am — 1:00pm

# [OFF-SITE EVENT] Development of Environmental Law and Enforcement in China

**Event Co-sponsors**

ENVIRONMENTAL LAW INSTITUTE  
(ELI)



There will be a webcast of this event

Environmental Law Institute, Suite 700, 1730  
M Street NW, Washington DC  
Directions to the Environmental Law Institute



ADD TO CALENDAR



EMAIL

<https://www.wilsoncenter.org/event/site-event-development-environmental-law-and-enforcement-china>



# What do you know about Chinese News Publications?

*(you tell me...please.)*

CCTV ?

<http://so.cntv.cn/language/english/index.php?qtext=climate&type=1&sort=date&page=1&vtime=-1&datepid=1&history=yes>



SEARCH

climate

SEARCH

Category

All Results Types

Multimedia

Web

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Published

Any time

Past 24 hours

Past week

Past month

Past year

Sort by: [Sort by most relevant](#) | ● [Sort by most recent](#)

About 11,420 results



[Belt and Road Initiative provides G20 with new ideas of cooperation](#)

Road Initiative inspires the group with new ideas of cooperation. The anti-globalization sentiment has been highlighted by the U.S. policy of America First, Brexit and the U.S. withdrawal from Paris **climate** accord, among others. Under the circumstances, business leaders have considered the Belt and Road...

Published : 2017-07-06 14:36:42



[Water levels remain dangerously high](#)

will see temperatures of 35 to 38 C," she said. The continuous downpours lingering in these provinces were mainly caused by strong subtropical high pressures, the usual dominant summer weather system in China, said Ai Wanxiu, senior engineer at the National **Climate** Center. The subtropical high pressure...

Published : 2017-07-05 11:26:05

# What do you know about Chinese News Publications?

*(you tell me...please.)*

## China-Dialogue ?

<https://www.chinadialogue.net/topics/climate-change-and-energy>



中外对话  
chinadialogue

中国与世界，环境危机大家谈  
china and the world discuss the environment



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主题 Topics ▶ 气候变化与能源 Climate change & Energy

文章 ARTICLES



海底捞“磷”，会是太阳能进化的捷径吗？



加州遇见四川：中美地方气候合作升温？

# What do you know about Chinese News Publications?

*(you tell me...please.)*

<https://www.youtube.com/user/CCTVAmerica1/featured>

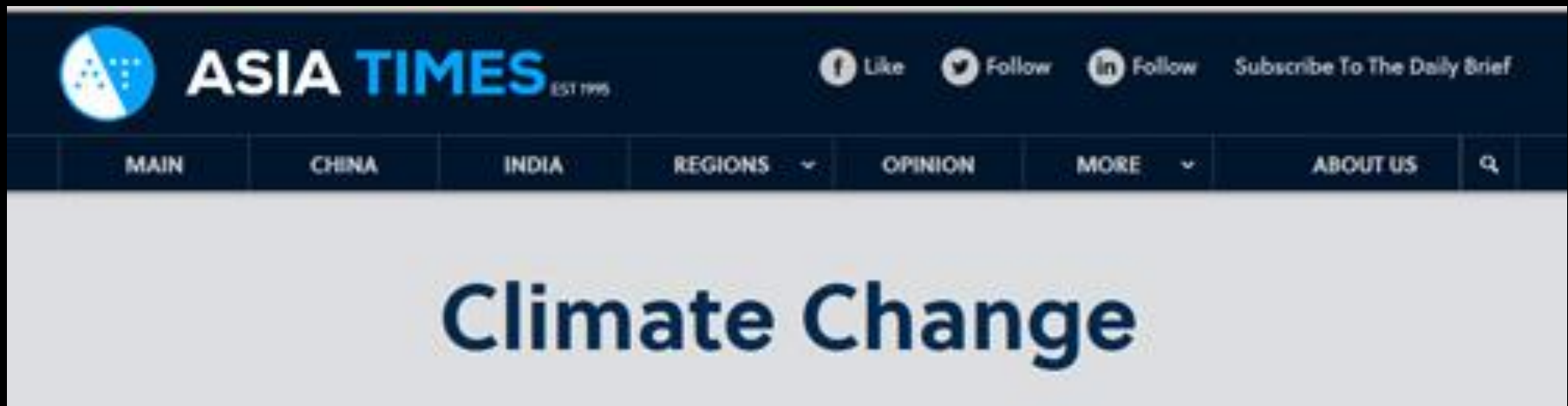


CGTN in Washington, D.C., is the American arm of the English language China Global Television Network.



# What about other Asia sources?

<http://www.atimes.com/tag/climate-change/>



# An overview of types of sources on the Internet:

## Some Common Types of Internet Sources on Climate-related Issues

Online news sources – (Internet only, or Internet version of “hardcopy”)

Signed opinion pieces, essays or editorials

Government Publications


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# Some NGO internet publications

<https://environmentaljusticetv.wordpress.com/2018/07/19/some-useful-initial-resources-on-climate-change-3/>

---

## Some Useful Initial Resources on Climate Change

(these links are to some of the major climate news aggregators and NGOs working on climate issues  
Please Note: These organizations change frequently  
and their web sites may have altered  
or adjusted the addresses  
linked here.)

Dr. Timothy C. Weiskel

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**Peer-reviewed, scientific publications !**



# How can you find “peer-reviewed” scientific publications?

You can find these sometimes from mining  
links in news stories.

# How can you find “peer-reviewed” scientific publications?

You can find these sometimes from **mining links in news stories**.

*Most often, however, you find them from **footnotes** of research reports, other peer-reviewed sources and published reports.*

This underscores the vital importance of constructing excellent footnotes !

All “research reports” (this is what you will be completing in this course) and publications must have high quality footnotes, pointing to the primary source material upon which the report is based.

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All “research reports” (this is what you will be completing in this course) and publications must have high quality footnotes, pointing to the primary source material upon which the report is based.

If the footnotes are ambiguous or incomplete the whole report is judged as “poor.”

# Peer review of cumulative climate science – the IPCC process and Assessment Reports (AR) 1988-2014 - [AR5 = 2014]

<https://environmentaljusticetv.wordpress.com/2014/04/16/a-guide-to-navigating-the-ipcc-ar5-reports-documents-and-support-materials/>

## Directory: A Guide to Navigating the IPCC – AR5 Reports, documents, and support materials.

Posted on April 16, 2014 | [Leave a comment](#) | [Edit](#)

*[This reference page has been assembled for students in the climate course in the Harvard Extension School's Sustainability and Environmental Management (SEM) program. Click on pictures and the hyperlinks to get access to IPCC – AR5 documentation, presentations and support material]*

# Largest, most comprehensive peer reviewed project in human history !

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Largest, most comprehensive peer reviewed project in human history !



<http://ipcc.ch/report/ar5/wg2/>

Largest, most  
comprehensive  
peer-reviewed  
project in  
human history.





# How can you find “peer-reviewed” scientific publications... Since 2014?

You can find these sometimes from **mining links in news stories**.

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# How can you find “peer-reviewed” scientific publications... *Since 2014?*

You can find these sometimes from **mining links in news stories.**

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**AND FINALLY**, you can locate them through online portals or “indexes” for particular science subjects – like, *ScienceDaily*

# Science Daily

<https://www.sciencedaily.com/>

**ScienceDaily**<sup>®</sup>

Your source for the latest research news

Mobile



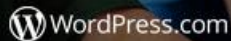
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## Top Science News

July 8, 2017

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Why You Never  
See a Spider Spin  
out of Control



Milky Way Could  
Have 100 Billion  
Brown Dwarfs



Battery-Free Cell-  
phone Uses Ambi-  
ent Power





Reconciling Pre-  
dictions of Climate  
Change



# AND specifically – *ScienceDaily - Climate*

[https://www.sciencedaily.com/news/earth\\_climate/climate/](https://www.sciencedaily.com/news/earth_climate/climate/)

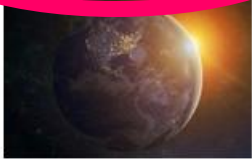
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**Climate News** July 8, 2017




Earth's Magnetic Field 'Simpler Than We Thought'



Rainfall May Abruptly Increase in Africa's Sahel



Figuring out How Fast Greenland Is Melting



Reconciling Predictions of Climate Change

to-adnxs.com

Please study the “referencing”  
in the *ScienceDaily* articles....

[https://www.sciencedaily.com/news/earth\\_climate/climate/](https://www.sciencedaily.com/news/earth_climate/climate/)

See for example:

<https://www.sciencedaily.com/releases/2017/07/170705164530.htm>

Study the format of the citations at the  
bottom of each article....

This will be the form you need to follow for  
citing the sources in your papers.

# Necessary components of an adequate citation:

All proper citations of sources should include five (5) key elements:

- Author (or institution)
- “Title” (in “quotes” or bolded)
- Publication information, (Journal title, number, pages, etc).
- Date of publication or event
- Source locator – ie. URL or **DOI**

# What is a DOI?

## How do you use it?

<http://www.doi.org/>



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The DOI® System

ISO 26324



### Resolve a DOI Name

Type or paste a DOI name, e.g., 10.1000/xyz123, into the text box below. (Be sure to enter all of the characters before and after the slash. Do not include extra characters, or sentence punctuation marks.)

SUBMIT

Clicking on a DOI link (try this one: <https://doi.org/10.1109/5.771073>) takes you to one or more current URLs or other services related to a single resource. If the URLs or services

# Examples – MLA format

Harvard John A. Paulson School of Engineering and Applied Sciences.  
"Reconciling predictions of climate change: New framework accounts for conflicting estimates of global temperature increases." ScienceDaily. ScienceDaily, 5 July 2017.

<[www.sciencedaily.com/releases/2017/07/170705164530.htm](http://www.sciencedaily.com/releases/2017/07/170705164530.htm)>.



# Examples – APA Format

Harvard John A. Paulson School of Engineering and Applied Sciences. (2017, July 5). Reconciling predictions of climate change: New framework accounts for conflicting estimates of global temperature increases. *ScienceDaily*. Retrieved July 8, 2017 from

[www.sciencedaily.com/releases/2017/07/170705164530.htm](http://www.sciencedaily.com/releases/2017/07/170705164530.htm)

# Examples – Journal article

Cristian Proistosescu, Peter J. Huybers. **Slow climate mode reconciles historical and model-based estimates of climate sensitivity.** *Science Advances*, 2017; 3 (7): e1602821 DOI: [10.1126/sciadv.1602821](https://doi.org/10.1126/sciadv.1602821)

# Examples – Journal article

Sally Brown, Robert J. Nicholls, Susan Hanson, Geoff Brundrit, John A. Dearing, Mark E. Dickson, Shari L. Gallop, Shu Gao, Ivan D. Haigh, Jochen Hinkel, José A. Jiménez, Richard J. T. Klein, Wolfgang Kron, Attila N. Lázár, Claudio Freitas Neves, Alice Newton, Charitha Pattiaratchi, Andres Payo, Kenneth Pye, Agustín Sánchez-Arcilla, Mark Siddall, Ali Shareef, Emma L. Tompkins, Athanasios T. Vafeidis, Barend van Maanen, Philip J. Ward, Colin D. Woodroffe. **Shifting perspectives on coastal impacts and adaptation.** *Nature Climate Change*, 2014; 4 (9): 752 DOI: [10.1038/nclimate2344](https://doi.org/10.1038/nclimate2344)

# Where can we turn to learn... ...*about climate?*

**Some books to begin with ...**

A CITIZEN'S GUIDE TO SELECTED RESOURCES FOR  
SELF-EDUCATION  
IN TRANSITION STUDIES



# Where can we turn to learn... ...*about climate?*

## Some further books – (2) ...

A CITIZEN'S GUIDE TO SELECTED RESOURCES FOR  
SELF-EDUCATION  
IN TRANSITION STUDIES



Your role is more important today than it was even a few weeks ago...(when we started)

This is because of what happened since the U.S. President broke away from other world leaders on climate change policy.



We urgently need this kind of  
citizen-science alliance around  
the world to work together  
to devise a transition  
to a sustainable  
future.

We urgently need this kind of  
citizen-science alliance around  
the world to work together  
to devise a transition  
to a sustainable  
future.



The work ahead of you will be demanding,  
but it is NOT complicated.

You need to learn to deliver the most  
reliable and up-to-date scientific  
information to those who are in a position  
to make decisions....

You need to become the best possible  
“information brokers”  
on climate change

It's not complicated, really...

It's not complicated, really...

We are now a **fossil-fuel driven** civilization.

It's not complicated, really...

We are now a **fossil-fuel driven** civilization.

We need to become **solar-sustainable**.

It's not complicated, really...

We are now a **fossil-fuel driven** civilization.

We need to become **solar-sustainable**.

This will require a major **transition**.

It's not complicated, really...

We are now a **fossil-fuel driven** civilization.

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This will require a major **transition**.

People in all countries now understand that...

It's not complicated, really...

We are now a **fossil-fuel driven** civilization.

We need to become **solar-sustainable**.

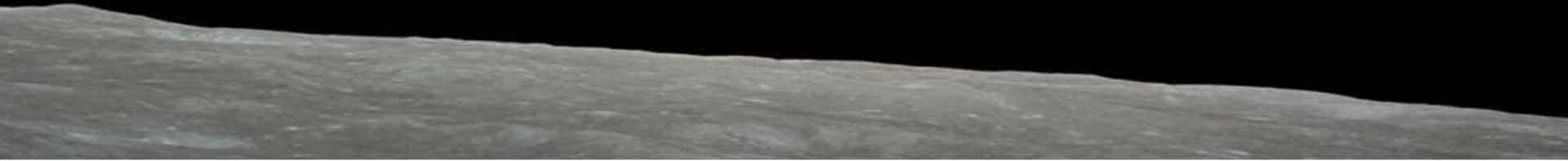
This will require a major **transition**.

People in all countries now understand that...

***Transition Studies*** are crucial for  
***human*** survival.

This is because...

**There is no “Planet B.”**





This is because...

**There is no “Planet B.”**

**We only have one Earth.**



This is because...

**There is no “Planet B.”**

**We only have one Earth.**

**We only get one chance.**



This is because...

**There is no “Planet B.”**

**We only have one Earth.**

**We only get one chance.**



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# Climate Change and Transition Studies

An Interactive Online Learning Initiative

Designed for IvyMind Consulting, LLC  
as a project of the

Young Scholars' Online Learning Initiative

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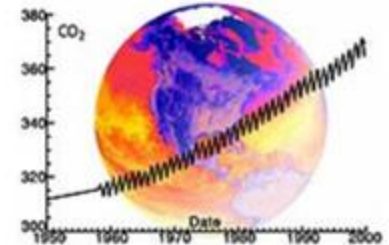
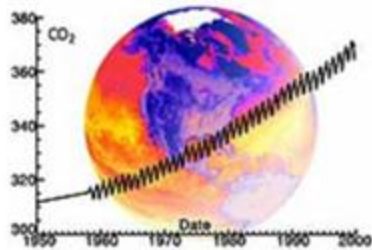
Timothy C. Weiskel

Research Director, *Cambridge Climate Research Associates*

**Climate Science for Human Survival**

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So, you can begin your  
research now with ...

## Session 2

Some Techniques and Best Practices for Sourcing  
and Properly Citing Climate Science Research

18 July 2019

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# Climate Change and Transition Studies

An Interactive Online Learning Initiative

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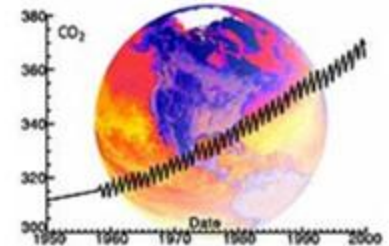
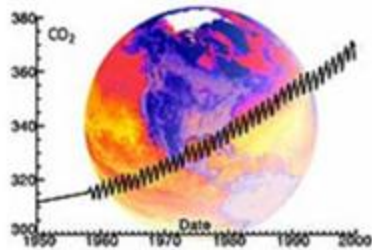
Timothy C. Weiskel

Research Director, *Cambridge Climate Research Associates*

**Climate Science for Human Survival**

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**Next week**

**Session 3**

Earth's Changing Climate: Causes and  
Global Consequences

**25 July 2019**

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