
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

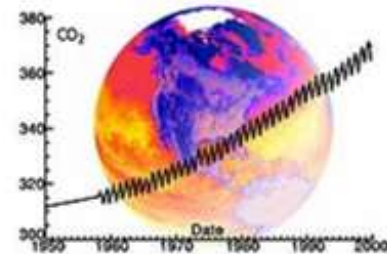
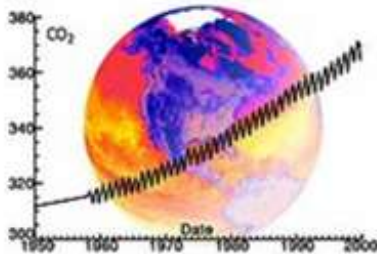
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Timothy C. Weiskel

Research Director, *Cambridge Climate Research Associates*

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“Where Can We Turn To Learn?”

An introduction to online learning about
climate change and transition studies

11 July 2019

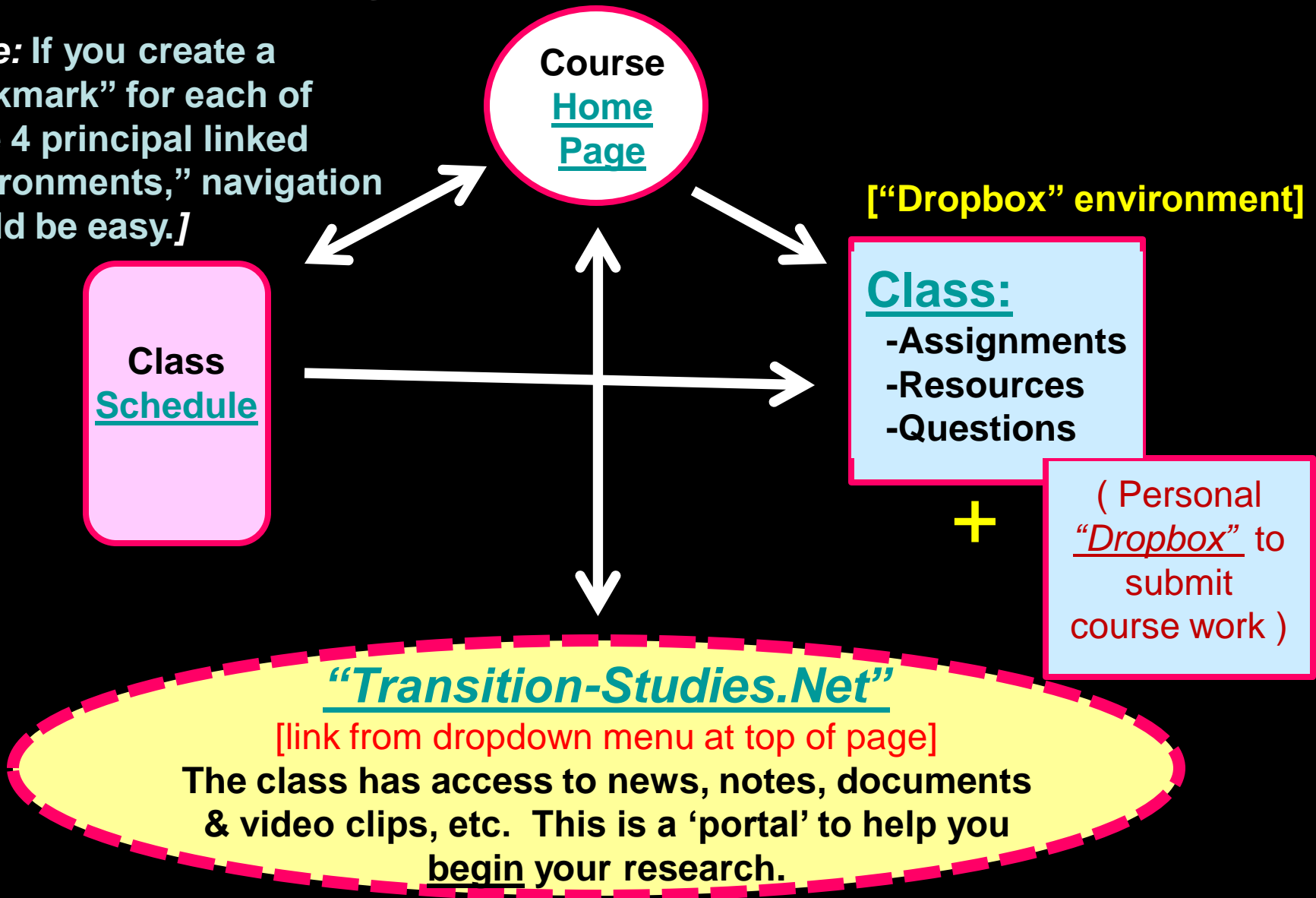
To begin with....

It would be best to begin to “explore” the online environments created for this class, and, perhaps, make “bookmarks” in your browsers to enable direct and swift access to each of these electronic “environments.”

(See following diagram of course
“architecture”...)

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.]



In today's session we will touch upon these topics....

1. The nature of “climate” and “transition studies”
2. The need for informed global leadership with understanding and vision of our circumstance.
3. An overview of the online course structure and sequence
4. Steps in composing a research report: information acquisition, storage, retrieval, report presentation.
5. Using the **“Transition-Studies”** weblog as a “portal” to begin your research.

1) The nature of “climate” and “transition studies”

First question....

What is the difference
between weather
and climate?

We all experience weather....

Worldwide Record Breaking Floods in China and Canada (May 2017)

Posted on [May 10, 2017](#) | [Leave a comment](#) | [Edit](#)



<https://environmentaljusticetv.wordpress.com/2017/05/10/worldwide-record-breaking-floods-in-china-and-canada-may-2017/>

We all experience weather....and sometimes *extreme* weather...

Worldwide Record Breaking Floods in China and Canada (May 2017)

Posted on [May 10, 2017](#) | [Leave a comment](#) | [Edit](#)



<https://environmentaljusticetv.wordpress.com/2017/05/10/worldwide-record-breaking-floods-in-china-and-canada-may-2017/>

Is a drought an example of weather or of climate?

Somali Drought Puts Millions of Lives at Risk

Posted on [September 10, 2014](#) | [Leave a comment](#) | [Edit](#)



<https://environmentaljusticetv.wordpress.com/2017/05/14/somali-drought-puts-millions-of-lives-at-risk-2/>

China: Yangtze River floods as first yellow alert of the year is issued

Posted on [July 12, 2018](#) | [Leave a comment](#)



[South China Morning Post](#)

Published on Jul 11, 2018

h

[yangtze-river-floods-as-first-yellow-alert-of-the-year-is-issued/](#)

Apocalyptic flooding collapses buildings in China – June 24, 2018

Posted on [July 12, 2018](#) | [Leave a comment](#)



[Miscelánea Noticias](#)

Published on Jun 25, 2018

[https](#)

[/ptic](#)

Power supplies and internet connections disrupted after floods affect China

Posted on [July 12, 2018](#) | [Leave a comment](#)



[WION](#)

Published on Jul 10, 2018

[https://](#)
[suppl](#)

[China/](#)

Japan Flooding and China Preparations

Posted on [July 12, 2018](#) | [Leave a comment](#)



[News Theories](#)

Published on Jul 11, 2018

<https://environmentaljusticetv.wordpress.com/2018/07/12/japan-flooding-and-china-preperations/>

Are China floods a result of “extreme weather” or a changing climate?



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

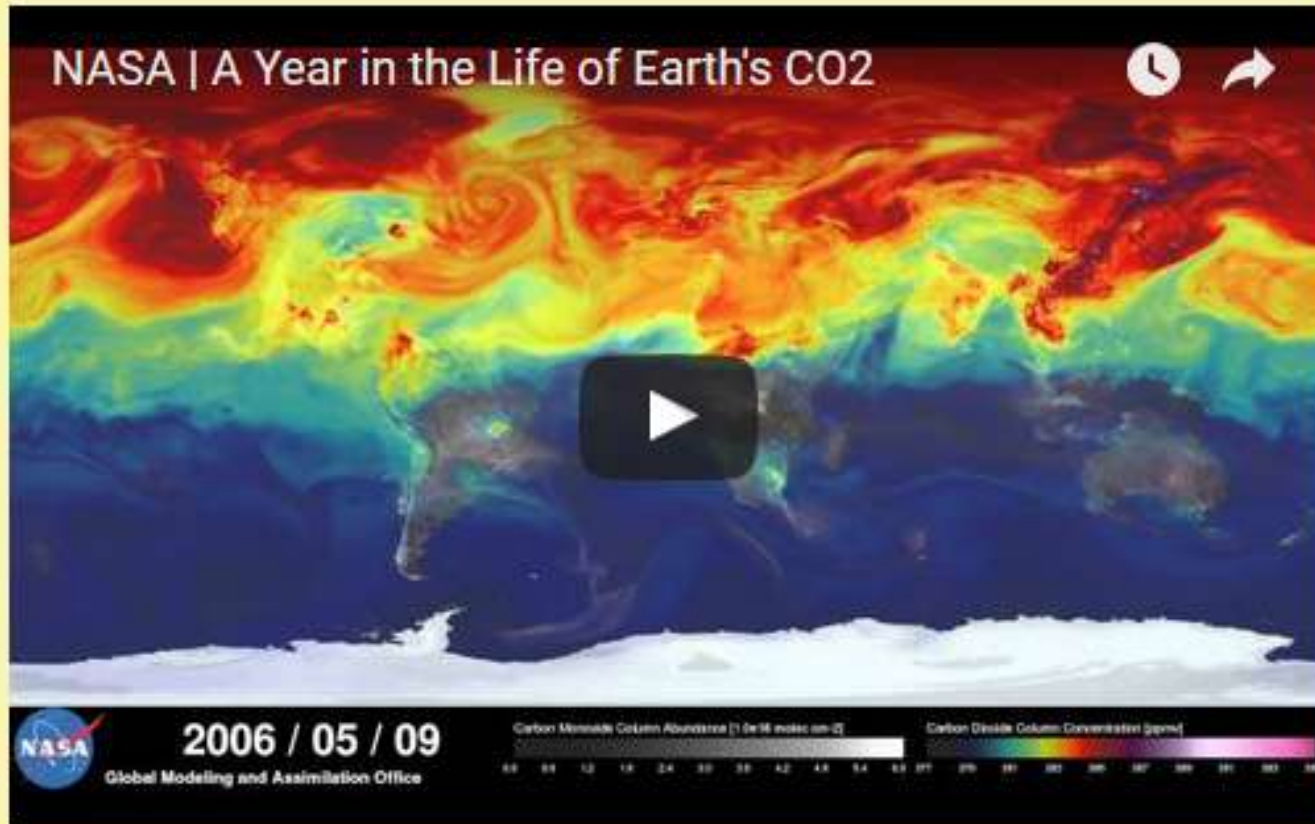
The Difference Between...

Weather and **Climate** has to do with:

- 1) **Scale** – (climate is global, not local, think of regional changes – not just local weather) and
- 2) **Time** – (climate involves changes NOT from season-to-season, or year to year BUT rather over decades, centuries and millennia... scientists used to think this was remote, but maybe not....)

NASA | A Year in the Life of Earth's CO₂

Posted on [February 17, 2017](#) | [Leave a comment](#) | [Edit](#)

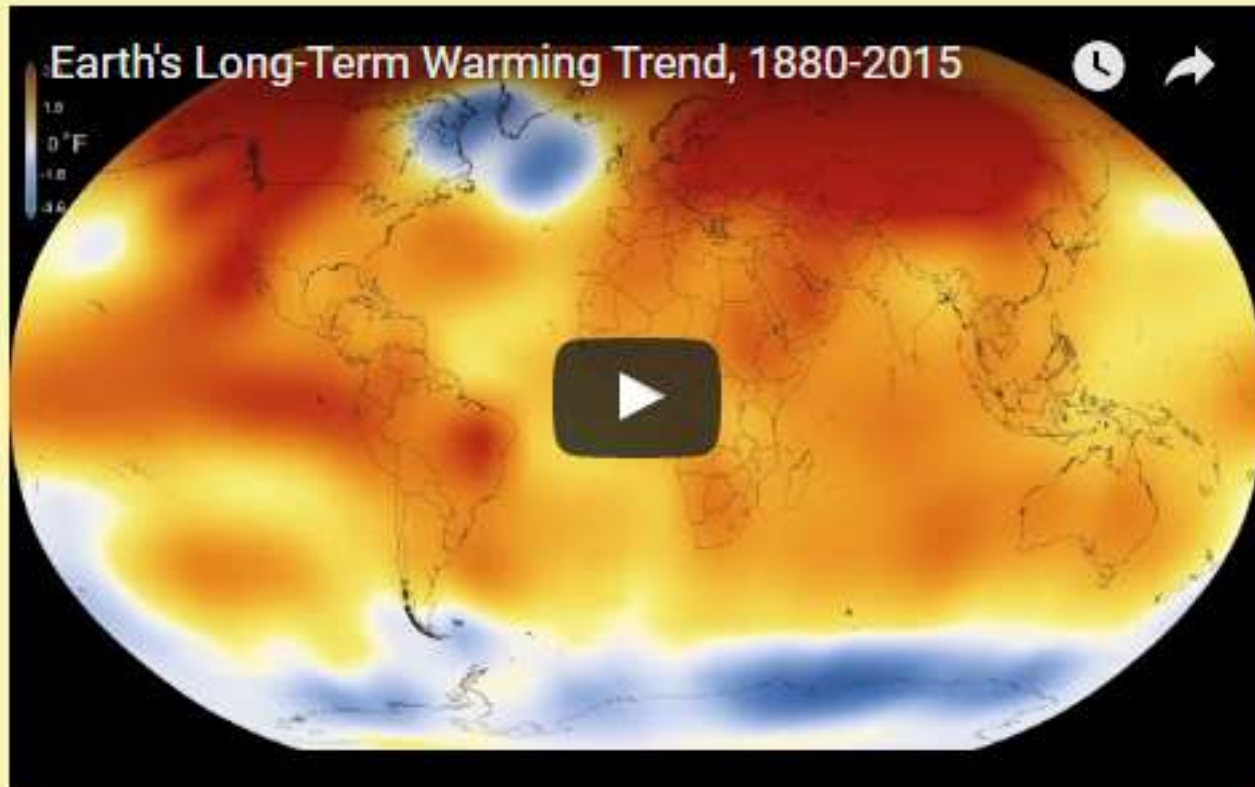


[NASA Goddard](#)

<https://environmentaljusticetv.wordpress.com/2017/02/17/nasa-a-year-in-the-life-of-earths-co2-4/>

Earth's Long-Term Warming Trend, 1880-2015

Posted on [June 9, 2017](#) | [Leave a comment](#)

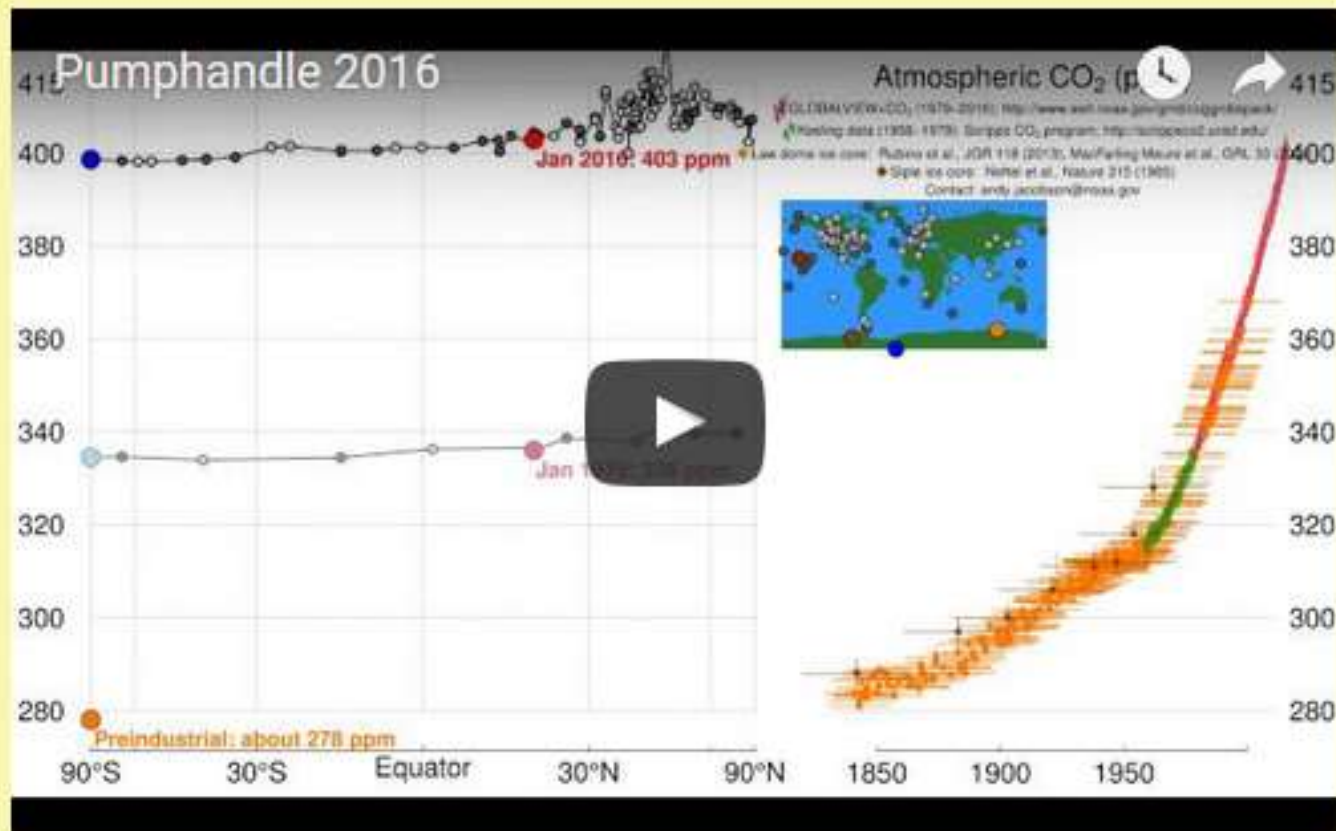


[NASA.gov Video](#)

<https://environmentaljusticetv.wordpress.com/2017/06/09/154-earth-s-long-term-warming-trend-1880-2015/>

Pumphandle 2016

Posted on [June 1, 2017](#) | [Leave a comment](#) | [Edit](#)



[CarbonTracker](#)

<https://environmentaljusticetv.wordpress.com/2017/06/01/pumphandle-2016-3/>



<https://environmentaljusticetv.wordpress.com/2014/05/29/earth-under-water-worldwide-flooding-sea-level-rise-slr/>

Is sea level changing?



If so, how can we tell?



<https://environmentaljusticetv.wordpress.com/2014/05/29/earth-under-water-worldwide-flooding-sea-level-rise-slr/>



<https://environmentaljusticetv.wordpress.com/2014/05/29/earth-under-water-worldwide-flooding-sea-level-rise-slr/>



<https://environmentaljusticetv.wordpress.com/2014/05/29/earth-under-water-worldwide-flooding-sea-level-rise-slr/>

Where Can We Turn to Learn?

Posted on [January 29, 2016](#) | [Leave a comment](#) | [Edit](#)

A CITIZEN'S GUIDE TO SELECTED RESOURCES FOR SELF-INSTRUCTION AND EXPLORATION OF TRANSITION STUDIES



* * *

With all the anxiety about climate change, why bother with “Transition Studies?”



<https://environmentaljusticetv.wordpress.com/about/>

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1. The nature of “climate” and “transition studies”

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1. The nature of “climate” and “transition studies”
2. The need for informed global leadership with understanding and vision of our circumstance.

The human community now needs fully informed *global* leadership with **understanding** and **vision** to make the transition to a sustainable future....

In Climate Deal With China, Obama May Set 2016 Theme

Posted on November 13, 2014 | [Leave a comment](#) | [Edit](#)



PLAY VIDEO | 2:02

What the Climate Accord Could Change

<https://climate->

[Climate Goals Pledged by China and the U.S.](#)

[mate-](#)

In some cases this vision and leadership
was achieved, for a while at least
BUT, as we have seen...

In Climate Deal With China, Obama May Set 2016 Theme

Posted on [November 13, 2014](#) | [Leave a comment](#) | [Edit](#)



PLAY VIDEO | 2:02

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[Climate Goals Pledged by China and the U.S.](#)

[mate-](#)

“Vision” and “leadership” can be quickly reversed in human affairs.!

Trump on climate decision: I was elected to represent Pittsburgh, not Paris

Posted on [June 3, 2017](#) | [Leave a comment](#) | [Edit](#)



[Al Jazeera English](#)

“Vision” and “leadership” can be quickly reversed in human affairs.!



This will be a catastrophe for humankind **unless new leaders**, like yourselves, start to make a difference....

Because of the collapse of global vision and leadership in the West, some authors are beginning to ask....

Will China Save the Planet?: Barbara Finamore

Posted on [July 10, 2019](#) | [Leave a comment](#) | [Edit](#)

Now that Trump has turned the United States into a global climate outcast, will China take the lead in saving our planet from environmental catastrophe? Many signs point to yes. China, the world's largest carbon emitter, is leading a global clean energy revolution, phasing out coal consumption and leading the development of a global system of green finance.

But as leading China environmental expert Barbara Finamore explains, it is anything but easy. The fundamental economic and political challenges that China faces in addressing its domestic environmental crisis threaten to derail its low-carbon energy transition. Yet there is reason for hope. China's



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Will China Save the Planet?

To a large extent this will depend upon whether people like you can develop a truly global understanding of our common human history and current circumstance.

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Therefore, you are in a **very powerful position** if you can learn how to mobilize and present vitally important scientific information...

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To learn and practice these skills can be one of your goals in this course.

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3. An overview of the online course structure, sequence & mechanics...

The course “Home Page” online.

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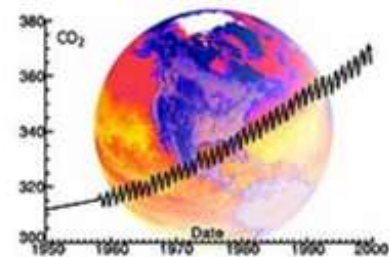
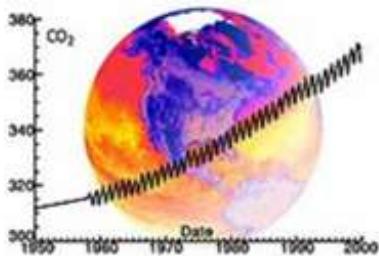
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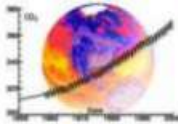


<http://ecoethics.net/YSOLI/201907-Climate/>

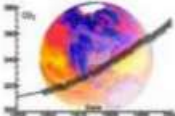
3. An overview of the online course structure and sequence

The course Time Table of meetings & assignments

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Interactive Schedule for Online Learning Initiative

Online Session	Date	Assignment	Group Topic	Readings & Links
				See links to Session Resources, Slides, & Questions
[Phase 1 - Research Introduction and Information Presentation]				
1 Introductory Session	12 July 8:00-10:00pm		"Where Can We Turn To Learn?" An introduction to online learning about climate change and transition studies	_Class Introduction_ - Slides - <u>Questions</u>
	18 July	Personal statement due from each participating students		

<http://ecoethics.net/YSOLI/201907-Climate/2019-Schedule.pdf>


3. An overview of the online course structure and sequence

Course Session Sequence

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“Where Can We Turn To Learn?”
An introduction to online learning about
climate change and transition studies

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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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Session 3

Earth's Changing Climate: Causes and Global Consequences

25 July 2019

3. An overview of the online course structure and sequence

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Session 4

Climate Change, Soils, Agriculture and
the Global Food System

1 August 2019

3. An overview of the online course structure and sequence

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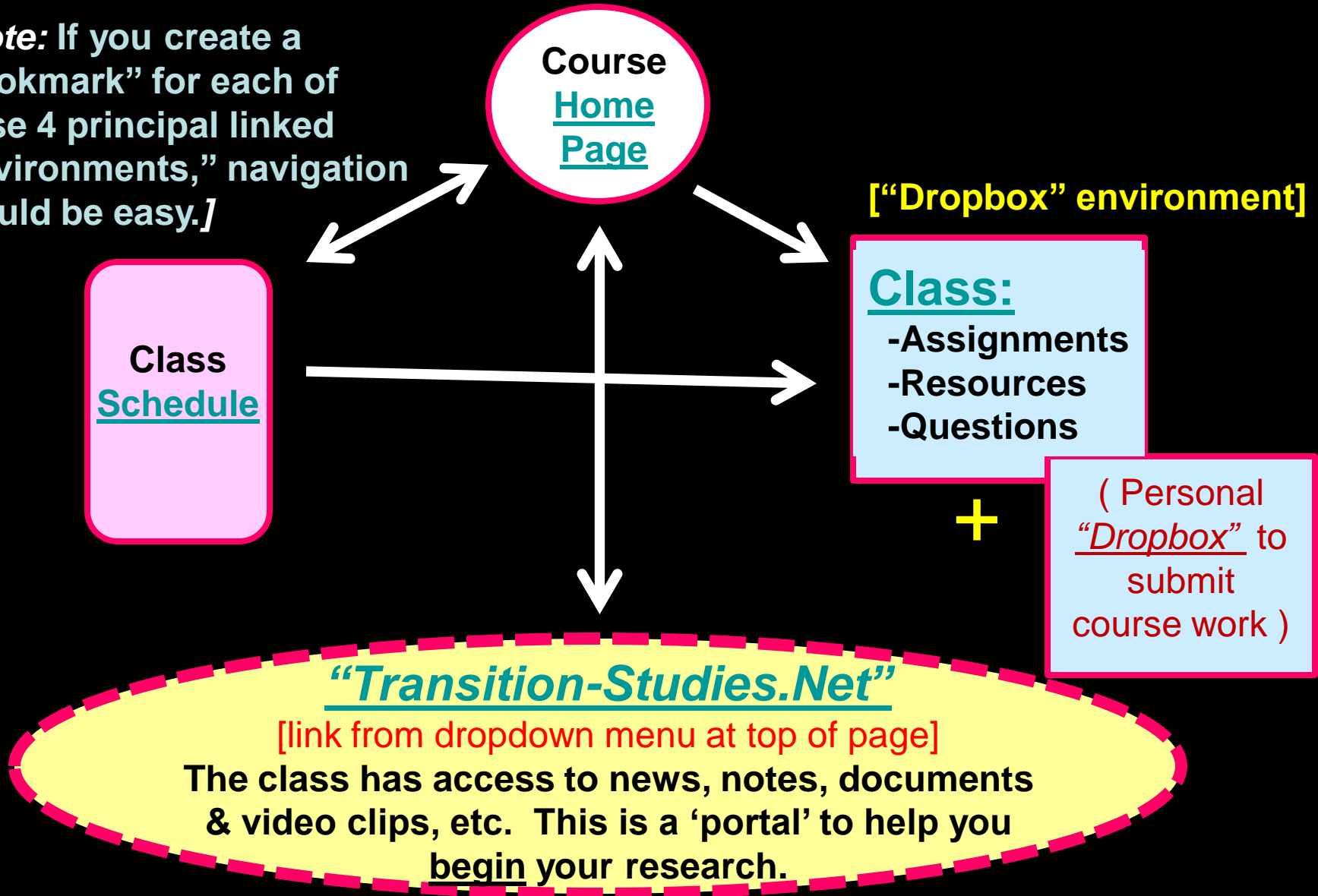
Session 5

International Negotiations on a Global Problem: Progress and the Major Remaining Challenges for Global Leadership

8 August 2019

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.]



4. Steps in composing a research report:
information **acquisition**, **storage**, **retrieval**,
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You will need to learn to locate and

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**Your goal is to become an excellent
“knowledge broker” for the topic you choose**

5. Using the “*Transition-Studies*” online weblog to begin your research.

Transition Studies

Exploring the Transition to a Just and Sustainable Future on a Finite Planet

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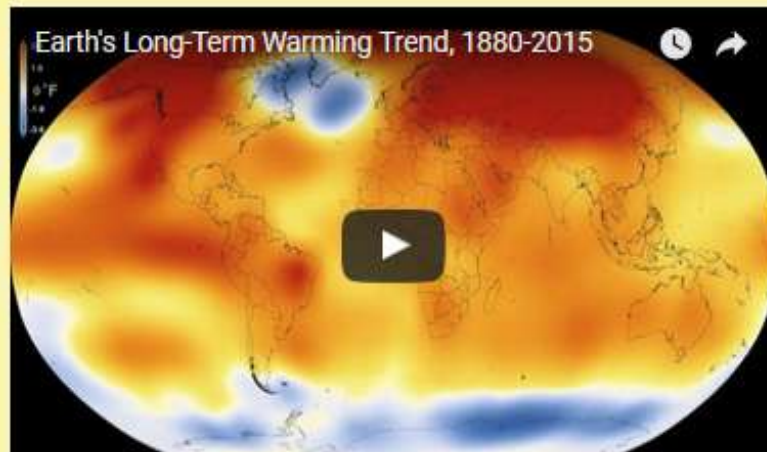
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Earth's Long-Term Warming Trend, 1880-2015

Posted on June 9, 2017 | [Leave a comment](#)



WELCOME....

Welcome to [Transition Studies](#). To prosper for very much longer on the changing Earth humankind will need to move beyond its current fossil-fueled civilization toward one that is sustained on recycled materials and renewable energy. This is not a trivial shift. It will require a major transition in all aspects of our lives.

This weblog explores the transition to a sustainable future on our finite planet. It provides links to current news, key documents from government sources and non-governmental organizations, as well as video documentaries about climate change, environmental ethics and environmental justice concerns.

The links are listed here to be used in whatever manner they may be helpful in public information campaigns, course preparation, teaching, letter-writing, lectures, class presentations, policy discussions, article writing, civic or Congressional hearings and citizen action campaigns, etc. For further information on this blog see: [About this weblog](#), and [How to use this weblog](#).

CALENDAR – CLICK ON DATE
FOR LINKS ENTERED ON THAT
DAY

SEARCH SITE

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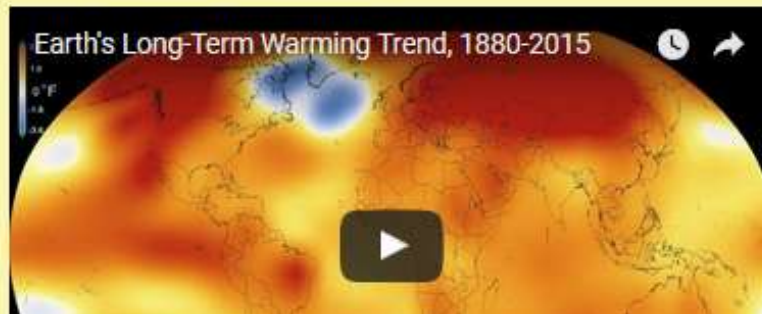
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The First Assignment...

What is it?

The First Assignment...

What is it? Where is it?

The First Assignment...

What is it? Where is it?

How should you undertake it?

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First Assignment

First Assignment (and test of your access and skills of uploading and downloading)
For the first assignment, I would like you to write a few brief paragraphs to tell me about yourselves.

What are you studying now? What interests you most? What interests you beyond your school work?

Next Week.... we will look at:

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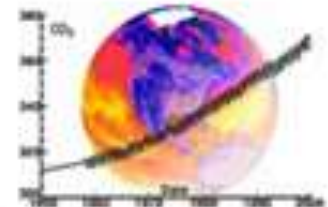
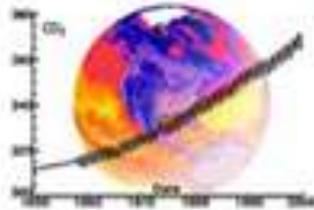
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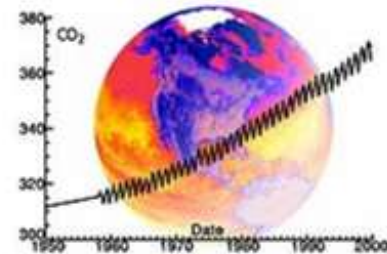
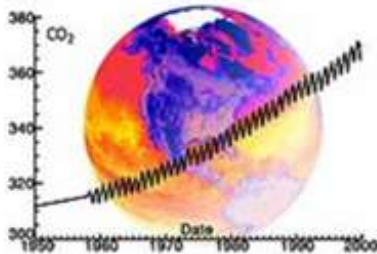
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Transition-Studies.net

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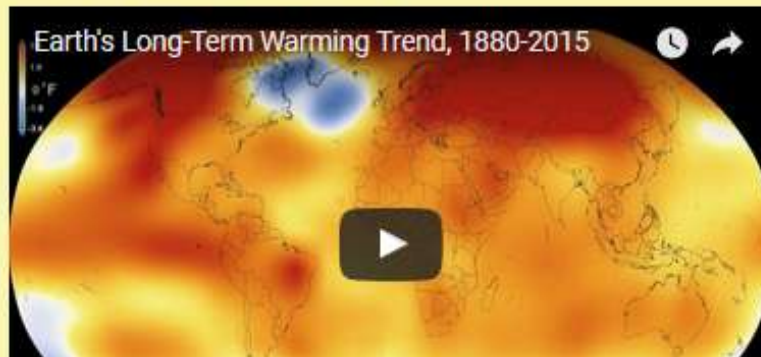
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