
Climate Change and Transition Studies

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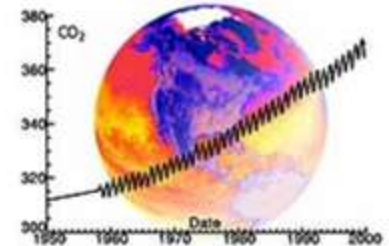
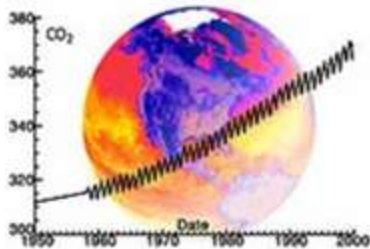
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Timothy C. Weiskel

Research Director, *Cambridge Climate Research Associates*

Climate Science for Human Survival

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Session 6

Necessary Components of Your Research Paper

15 August 2019

But first....*International Negotiations (continued)....*

Very sorry our class time was
cut short last week....

But first....*International Negotiations (continued)....*

Very sorry our class time was
cut short last week....

There was a disconnection with the
Internet connection...

But first....*International Negotiations (continued)....*

Very sorry our class time was
cut short last week....

There was a disconnection with the
Internet connection...

And the class session stopped in the midst
of Greta Thunberg's speech in Rome.

Let's review the main points since Bali (2007)

China request for apology...



<https://environmentaljusticetv.wordpress.com/2017/07/26/papua-new-guinea-drops-the-bomb-on-bali-for-un-climate-talks/>

UNFCCC Chair – Co-Chair of Bali Meetings in 2007



<https://environmentaljusticetv.wordpress.com/2017/07/26/expectations-for-the-bali-climate-change-conference/>

m o m e n t o f t h e
B a l i b r e a k t h r o u g h

1 5 D e c e m b e r 2 0 0 7

<https://environmentaljusticetv.wordpress.com/2017/07/26/moment-of-the-bali-break-through/>

US refusal ... and *then* reversal



<https://environmentaljusticetv.wordpress.com/2017/07/26/un-climate-change-conference-bali-2007/>



<https://environmentaljusticetv.wordpress.com/2017/07/26/america-get-out-of-the-way/>

Then what...?

Copenhagen, COP15 - 2009



<https://environmentaljusticetv.wordpress.com/2017/05/03/climate-of-denied-opportunity-at-copenhagen-3/>



Democracy Now – Coverage
[Copenhagen Climate Summit 2009](#)

China gets blunt at Copenhagen summit

Posted on [December 8, 2015](#) | [Leave a comment](#) | [Edit](#)



<https://environmentaljusticetv.wordpress.com/2015/12/08/china-gets-blunt-at-copenhagen-summit-4/>

What was China's *actual* position in Copenhagen?



https://www.democracynow.org/2009/12/21/us_led_copenhagen_accord_decried_as



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Bali, Indonesia (COP 13) - 2007

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Durban, COP17 – 2011

Public demand for...



CLIMATE SOS
POOR COUNTRIES DEMAND ACTION

Durban, COP17 – 2011

“Climate Justice”



CLIMATE SOS
POOR COUNTRIES DEMAND ACTION

COP17 -- Durban, South Africa

Was it a Deal Done? Or Was it "A Done Deal"?



Global Crisis – Global Voices

International and Intergenerational Equity in Durban



"This is not about India.... It is about the entire world. Does climate change mean that you give up equity?"

Goodman, Amy, and Denis Moynihan
"Cry, the Beloved Climate,"
TruthDig.Com
29 November 2011

The United Nations' annual climate summit descended on Durban, South Africa, this week, but not in time to prevent the tragic death of Qodeni Ximba. The 17-year-old was one of 10 people killed in Durban on Sunday, the night before the U.N. conference opened. Torrential rains pummeled the seaside city of 3.5 million. Seven hundred homes were destroyed by the floods.

Ximba was sleeping when the concrete wall next to her collapsed. One woman tried to save a flailing 1-year-old baby whose parents had been crushed by their home. She failed, and the baby died along with both parents. All this, as more than 20,000 politicians, bureaucrats, journalists, scientists and activists made their way to what may be the last chance for the Kyoto Protocol.....



Click to Play, Pause, Stop

"Cry, the Beloved Climate,"
TruthDig.Com, (29 November 2011).

Alex Stark outlines the US position on Day 1 of the COP17 Climate Talks

OneWorldTV



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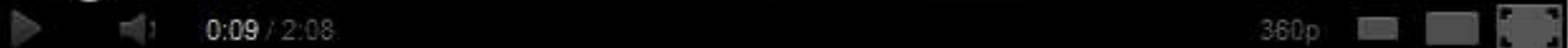


"Alex Stark outlines the US position on Day 1 of the COP17 Climate Talks,"

YouTube - OneWorldTV, (28 November 2011).



CLIMATE SOS
POOR COUNTRIES DEMAND ACTION



"Effectiveness of SA climate summit questioned,"
YouTube - AlJazeeraEnglish, (29 November 2011).



"Steve speaking at the Occupy COP17 Event on the first day of the United Nations Climate Talks,"
YouTube - OneWorldTV, (28 November 2011).

Diana Vogel, 350.org, at the Global Day of Climate Action for COP17 in D

OneWorldTV



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"Diana Vogel, 350.org, at the Global Day of Climate Action for COP17 in Durban, South Africa,"

Martin Khor in COP17 Press Conference

by OneWorldTV



"Martin Khor in COP17 Press Conference,"
YouTube - OneWorldTV, (2 December 2011).

Durban Climate March: It's Time for Civil Disobedience (Kumi Naidoo)

OneWorldTV

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"Durban Climate March: It's Time for Civil Disobedience (Kumi Naidoo),"
YouTube - OneWorldTV, (3 December 2011).

Durban Climate March: It's Time for Civil Disobedience (Kumi Naidoo)

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Durban Climate March: "I Will Willingly Go to Prison" for Climate Struggle

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"Durban Climate March: It's Time for Civil Disobedience"
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<https://environmentaljusticetv.wordpress.com/2012/08/16/durban-climate-march-i-will-willingly-go-to-prison-for-climate-struggle->



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COP17 United Nations Climate Change Conference Coverage

Democracy Now! is on the ground in Durban South Africa to report on the COP17 climate talks.

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[Senate, E.U. Approve Iran Sanctions](#)

[Obama Unveils New Tarnet for Global AIDS](#)



President's informal stocktaking plenary

Mary Robinson: I hope occupy movement tackles the climate crisis
by OneWorldTV



<https://environmentaljusticetv.wordpress.com/?s=Mary+Robinson>



<http://www.youtube.com/embed/rPeX2LIVKOY>



20111206-BBC-TWT-Mary-Robinson



<http://www.climate-talks.net/2008-ENVRE130/Audio/20111206-BBC-TWT-Mary-Robinson.mp3>



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Page last updated at 08:07 GMT, Saturday, 10 December 2011

'Burst of optimism' at climate talks



Environmental correspondent Richard Black: "They've come back with a much much stronger draft, which talks about starting in the new year."



01.44

03.07

Talks are ongoing at the climate change conference in Durban in the hope of reaching some sort of deal. Environment correspondent Richard Black looks at



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At Last, Nations Agree To Landmark Climate Deal

by RICHARD HARRIS

**Listen to the Story**

Weekend Edition Sunday

[3 min 32 sec]

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Rajesh Jantila/AFP/Getty Images

Delegates worked into the early hours of Sunday morning on the final day of the climate talks in Durban, South Africa.

December 11, 2011

text size A A A

After a third sleepless night, climate negotiators in Durban, South Africa, finally found a way to reach a compromise early Sunday morning. The deal doesn't set hoped-for new targets to limit global warming, but delegates ultimately decided to embrace it rather than risk a major collapse of this international process.

Few people had high expectations for this year's annual round of United Nations climate talks. The main hope was to finalize an agreement reached in principle the year before — that is, establishing a major new fund to help funnel billions of dollars from rich nations to poor nations. That will help them adapt to a changing climate and to produce clean energy so they don't contribute so much to climate change.

**What Countries Are Doing To Tackle Climate Change**

December 11, 2011

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December 11, 2011

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United Nations climate talks in Durban close with deal



11 December 2011 Last updated at 03:55 ET



UN climate talks have ended a marathon session with an agreement to work towards a legally enforceable deal, covering all countries, to take effect by 2020.

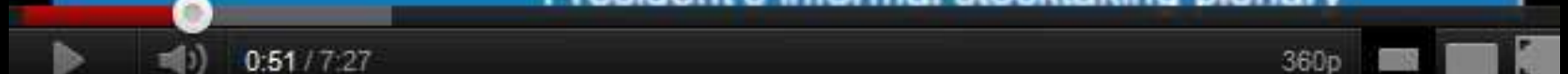
Management of a fund for climate aid to poor countries has also been agreed, though how to raise the money has not.

David Shukman reports.

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President's informal stocktaking plenary



India's Chief Climate Delegate at COP 17, Durban, South Africa, emphasized the problem of equity in reaching a global accord.

The case for international equity and fairness.



“This is not about India. It is about the entire world. Does climate change mean that you give up equity?...”

<https://environmentaljusticetv.wordpress.com/2017/07/23/india2-durban-south-africa-cop/>

The case for intergenerational equity and fairness.



Anjali Appadurai
College of the Atlantic

<https://environmentaljusticetv.wordpress.com/2013/07/21/get-it-done-urging-climate-justice-youth-delegate-anjali-appadurai-mic-checks-un-summit/>

Voices from “inside” and “outside” the negotiations.

<https://environmentaljusticetv.wordpress.com/2014/11/17/frustrated-by-inaction-youth-delegates-occupy-cop-17-plenary-in-durban/>



Kumi Naidoo, Greenpeace International, was a powerful voice “outside” the formal negotiation process in what some called the “occupy Durban” movement.

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<https://environmentaljusticetv.wordpress.com/2013/07/21/lauding-collapse-of-global-warming-movement-inhofe-tells-un-summit-you-are-being-ignored-youtube/>

Senator James Inhofe – another “voice” from outside the talks – who claims that the “Kyoto process” is dead.

DURBAN, SOUTH AFRICA



KATE HORNER
Friends of the Earth

DURBAN, SOUTH AFRICA



BOBBY PEAK
groundWork - South Africa

Real Rio Action is on the Streets



the REAL
news



00:00 / 13:04



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After failure at Copenhagen, and Durban, Obama realized he needed a deal with China....

US and China strike deal on carbon cuts in push for global climate change pact | Environment | The Guardian

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



US President Barack Obama looks on as Chinese President Xi Jinping speaks during a joint press conference in the Great Hall of the People in Beijing

Photograph: Greg Baker/AFP/Getty Images

John Kerry **took over from Hilary Clinton as Secretary of State and reached out to China.**

US-china carbon deal: A historic milestone in the global fight against climate change | Damian Carrington | **Environment** | The Guardian

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Durban, South Africa (COP 17) – 2011

Paris, France (COP 21) – 2015

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VOL. CLXV, No. 57,079

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SUNDAY, DECEMBER 13, 2015

\$6.00

NATIONS APPROVE LANDMARK CLIMATE DEAL



Negotiators of a climate pact achieved what had been unreachable for two decades: agreement from rich and poor countries alike.

In France, Consensus on a Need to Lower Carbon Emissions

By CORAL DAVENPORT

LE BOURGET, France — With the sudden bang of a gavel Sunday night, representatives of 195 nations reached a landmark accord that will, for the first time, commit nearly every country to lowering planet-warming greenhouse gas emissions to help stave off the most drastic effects of climate change.

The deal, which was met with an eruption of cheers and reactions from thousands of delegates gathered from around the world, represents a historic breakthrough on an issue that has foiled decades of international efforts to address climate change.

Traditionally, such pacts have required developed economies like the United States to take action to lower greenhouse gas emissions, but they have exempted developing countries like China and India from such obligations.

The accord, which United Nations diplomats have been working toward for nine years, changes that dynamic by requiring action in some form from every country, rich or poor.

"This is truly a historic moment," the United Nations secretary-general, Ban Ki-moon, said in an interview. "For the first time, we have a truly universal agreement on climate change, one of the most crucial problems on earth."

President Obama, who regards tackling climate change as a central element of his legacy, spoke of the deal in a televised address from the White House. "This agreement sends a powerful signal that the world is fully committed to a low-carbon future," he said, raising hopes that the world has both the will and the ability to deal with the challenge.

Plan B? If the deal fell apart, the world would be in a perilous position.

The new deal will not, on its own, solve global warming. At best, scientists who have analyzed it say, it will cut global greenhouse gas emissions by about half enough as is necessary

Continued on Page 25

NEWS ANALYSIS

Healing Step, If Not a Cure

An Accord Recognizes Its Own Shortcomings

By JUSTIN GILLIS

LE BOURGET, France — After the stamping and cheering died down, and the hugs and hugs ended, a question hung in the air as the climate conference came to a close: What does the new deal really mean for the future of the Earth?

Scientists who closely monitored the talks here said it was not the agreement that humanity really needed. By itself, it will not save the planet.

The great ice sheets remain imperiled, the oceans are still rising, forests and reefs are under stress, people are dying by thousands from heat waves and floods, and the agricultural system that feeds seven billion humans hangs in peril at risk.

Visa Screening Missed an Attacker's Zealotry on Social Media

This article is by Matt Apuzzo, Michael S. Schmidt and Julia Preston.

WASHINGTON — Tashfeen Malik, who with her husband carried out the massacre in San Bernardino, Calif., passed three background checks by American immigration officials as she moved to the United States from Pakistan. None uncovered what Ms. Malik had made little effort to hide — that she talked openly

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She said she supported it. And she said she wanted to be a part of it.

American law enforcement officials said they recently discovered those ties — and previously unsupported — postings as they pieced together the lives of Ms. Malik and her husband, Syed Rizwan Farook, trying to understand how they pulled off the deadliest terrorist attack on American soil

since Sept. 11, 2001.

Had the authorities found the posts years ago, they might have kept her out of the country. But immigration officials do not routinely review social media as part of their background checks, and there is a debate inside the Department of Homeland Security over whether it is even appropriate to do so.

The discovery of the old social media posts has exposed a significant — and perhaps inevitable —

shortcoming in how foreigners are screened when they enter the United States, particularly as people everywhere disclose more about themselves online. Tens of millions of people are cleared each year to come to this country to work, visit or live. It is impossible to conduct an exhaustive investigation and secure the social media accounts of each of them, law enforcement officials say.

In the aftermath of terrorism, the

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The great ice sheets remain imperiled, the oceans are still rising, forests and reefs are under stress, people are dying by thousands from heat waves and floods, and the agricultural system that feeds seven billion humans is under threat.

And yet, for all the talk of a new era, the deal is far from perfect. It leaves out some of the most powerful nations, and contains loopholes that could undermine its impact.

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Plan B? If the deal fell apart, the world would be back to square one, with no agreement on how to deal with climate change.

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"This is truly a historic moment," the United Nations secretary-general, Ban Ki-moon, said in an interview. "For the first time, we have a truly universal agreement on climate change, one of the most crucial problems on earth."

President Obama, who regards tackling climate change as a central element of his legacy, spoke of the deal in a televised address from the White House. "This agreement sends a powerful signal that the world is fully committed to a low-carbon future," he said, raising hopes that the world has both the will and the ability to defeat this challenge.

In the aftermath of terrorism attacks, the world has both the will and the ability to defeat this challenge.

Plan B? If the deal fell apart, the world would be back to square one.

The new deal will not, on its own, solve global warming. At best, scientists who have analyzed it say, it will cut global greenhouse gas emissions by about half enough as is necessary

Continued on Page 25

NEWS ANALYSIS

Healing Step, If Not a Cure

An Accord Recognizes Its Own Shortcomings

By JUSTIN GILLIS

LE BOURGET, France — After the stamping and cheering died down, and the hugs and hugs ended, a question hung in the air as the climate conference came to a close: What does the new deal really mean for the future of the Earth?

Scientists who closely monitored the talks here said it was not the agreement that humanity really needed. By itself, it will not save the planet.

The great ice sheets remain unimpaired, the oceans are still rising, forests and reefs are under stress, people are dying by thousands in droughts in heat waves and floods, and the agricultural system that feeds seven billion humans is being pushed to the limit.

And yet 10 years after the first warning of a global warming crisis, the world has not taken the steps to prevent it, and the world is still here.

Visa Screening Missed an Attacker's Zealotry on Social Media

This article is by Matt Apuzzo, Michael S. Schmidt and Julia Preston.

WASHINGTON — Tashfeen Malik, who with her husband carried out the massacre in San Bernardino, Calif., passed three background checks by American immigration officials as she moved to the United States from Pakistan. Some uncovered what Ms. Malik had made little effort to hide — that she talked openly

on social media about her views on violent jihad.

She said she supported it. And she said she wanted to be a part of it.

American law enforcement officials said they recently discovered those aid — and previously unsupported — postings as they pieced together the lives of Ms. Malik and her husband, Syed Rizwan Farook, trying to understand how they pulled off the deadliest terrorist attack on American soil

since Sept. 11, 2001.

Had the authorities found the posts years ago, they might have kept her out of the country. But immigration officials do not routinely review social media as part of their background checks, and there is a debate inside the Department of Homeland Security over whether it is even appropriate to do so.

The discovery of the old social media posts has exposed a significant — and perhaps inevitable —

shortcoming in how foreigners are screened when they enter the United States, particularly as people everywhere disclose more about themselves online. Tens of millions of people are cleared each year to come to this country to work, visit or live. It is impossible to conduct an exhaustive investigation and secure the social media accounts of each of them, law enforcement officials say.

In the aftermath of terrorism attacks, the world has both the will and the ability to defeat this challenge.

Continued on Page 23

The Limits of the Paris COP21 “Deal” and the Future of Climate Science

20 December 2015

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(Photo shows: The French President Francois Hollande, French Foreign Minister Laurent...

Kerry: Climate Agreement is a Win for All



COP 21: UN climate change conference | Paris

James Hansen, father of climate change awareness, calls Paris talks 'a fraud'

The former NASA scientist criticises the talks, intended to reach a new global deal on cutting carbon emissions beyond 2020, as 'no action, just promises'

Oliver Milman

@olivermilman

Saturday 10 December 2016 07:00 GMT



22,311 775



Many of the conservatives from climate change denialists, James Hansen says. Photograph: Maura Hartland for the Guardian

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Despite diplomatic enthusiasm senior climate scientists point to failure of the Paris agreement to halt carbon emissions.

James Hansen, father of climate change awareness, calls Paris talks 'a fraud'

The former NASA scientist criticises the talks, intended to reach a new global deal on cutting carbon emissions beyond 2020, as 'no action, just promises'



Many of the conservatives from climate change denialists, James Hansen says. Photograph: Martin O'Connell for the Guardian

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The limits of the Paris achievement...

1. The Paris Agreement is a landmark achievement in the fight against climate change, but it is not a silver bullet. It sets a framework for action, but the details of implementation are left to individual countries.

2. The Paris Agreement is a voluntary agreement, and while it has been signed by 195 countries, not all have ratified it. This means that the agreement is not legally binding on all countries.

3. The Paris Agreement is a long-term agreement, and it will take decades to see the full impact of the measures it sets out. This means that the agreement is not a quick fix.

4. The Paris Agreement is a global agreement, and it requires all countries to work together to achieve the goal of limiting global warming to 1.5°C. This means that the agreement is not a one-way street.

5. The Paris Agreement is a complex agreement, and it requires a lot of resources to implement. This means that the agreement is not a simple task.

6. The Paris Agreement is a global agreement, and it requires all countries to work together to achieve the goal of limiting global warming to 1.5°C. This means that the agreement is not a one-way street.

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The limits of the Paris achievement...

Nations negotiate....

The limits of the Paris achievement...

Nations negotiate....

Nations can reach a “deal”.....

The limits of the Paris achievement...

Nations negotiate....

Nations can reach a “deal”.....

BUT...!

The limits of the Paris achievement...

Nations negotiate....

Nations can reach a “deal”.....

BUT...!

What about **Nature**?

The limits of the Paris achievement...

Nations negotiate....

Nations can reach a “deal”.....

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What about **Nature**?

Can the laws of nature be compromised?

The limits of the Paris achievement...

Nations negotiate....

Nations can reach a “deal”.....

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Does physics negotiate?

The limits of the Paris achievement...

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BUT...!

What about **Nature**?

Can the laws of nature be compromised?

Does physics negotiate?

Answer: **No...!**

The limits of the Paris achievement...

Nations negotiate....

Nations can reach a “deal”.....

BUT...!

What about *Nature*?

Can the laws of nature be compromised?

Does physics negotiate?

Answer: **No...!**

SO, where does that leave ***climate science***
after the historic Paris COP21 “deal?”



<https://environmentaljusticetv.wordpress.com/2015/12/14/climate-scientist-james-hansen-warns-world-is-on-wrong-track-to-prevent-runaway-global-warming/>

AND...

Dr. James Hansen is not
alone...

Human communities and nation-states can
come to whatever agreements they wish
to negotiate about governance, BUT
Nature does not negotiate....

<https://environmentaljustice.tv.wordpress.com/2017/07/26/climate-change-conference-laws-of-nature-and-human-governance/>

Climate Change Conference – Laws of Nature and Human Governance

Posted on July 26, 2017 | [Leave a comment](#) | [Edit](#)



Esquire



When the End of Human Civilization Is Your Day Job

Among many climate scientists, gloom has set in. Things are worse than we think, but they can't really talk about it.



**Jason Box,
Glaciologist**



See: <https://environmentaljusticetv.wordpress.com/page/2/?s=jason+box>



<https://environmentaljusticetv.wordpress.com/2016/05/02/top-climate-expert-crisis-is-worse-than-we-think-scientists-are-self-censoring-to-downplay-risk-2/>



KEVIN ANDERSON
Tyndall Center for Climate Change Research

The Limits of the Paris COP21 "Deal" and the Future of Climate Science

"All the News That's Fit to Print"

The New York Times

Vol. CLXV, No. 57,079
SUNDAY, DECEMBER 13, 2015
\$6.00

New England Edition
Today, mostly cloudy, light rain; high 45, low 35. Tomorrow, overcast, rain; high 45, low 35. Weather page, page 45.

NATIONS APPROVE LANDMARK CLIMATE DEAL

In France, Consensus on a Need to Lower Carbon Emissions

By CORAL DAVENPORT

LE BOURGUET, France — It took 15 years of negotiations, but the world's nations reached a landmark accord that will, for the first time, commit nearly every country to lowering planet-warming greenhouse gas emissions to help avert the most drastic effects of climate change.

The deal, which was met with an eruption of cheers and embraces from thousands of delegates gathered from around the world, represents a historic breakthrough in an issue that has eluded decades of international efforts to address climate change.

Traditionally, such pacts have required developed economies like the United States to take action to lower greenhouse gas emissions, but they have exempted developing countries like China and India from such obligations.

The accord, which United Nations diplomats have been working toward for nine years, changes that dynamic by requiring action in some form from every country, rich or poor.

"This is truly a historic moment," the United Nations secretary-general, Ban Ki-moon, said in an interview. "For the first time, we have a truly universal agreement on climate change, one of the most crucial problems on earth."

President Obama, who regards tackling climate change as a central element of his legacy, spoke of the deal in a televised address from the White House. "This agreement marks a powerful statement that the world is fully committed to a low-carbon future," he said. "We're showing that the world has found the way to meet the challenge of climate change."

In the aftermath of terrorist attacks Sept. 11, 2001, that the authorities found the ports years ago they might have kept her out of the country. But she said she wanted to be a part of it.

American law enforcement officials said they recently discovered these aid — and previously unreported — postings as they pored together the lives of Ms. Malik and her husband, Syed Rizwan Farook, trying to understand how they pulled off the deadliest terrorist attack in American history.

shortcoming in how foreigners are screened when they enter the United States, particularly as people increasingly disclose more about themselves online. Tens of millions of people are checked each year as they enter this country to work, visit or live. It is impossible to conduct an exhaustive investigation and scour the social media accounts of each of them, law enforcement officials say.

The discovery of the old social media posts has opened a legal minefield — and perhaps inevitable

Compounded on Page 39

NEWS ANALYSIS

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LE BOURGUET, France — After the stamping and clapping died down, and the hugs and kisses ended, a question hung in the air as the climate conference came to a close: What does the new deal really mean for the future of the Earth?

Scientists who listened to the talks here said it was not the agreement that humanity fully needed. For much, it will not save the planet.

The great ice sheets remain, for the most part, untroubled. The oceans are still rising. Forests and reefs are still dying. People are still going to die. (Humanity's best hopes and dreams, and the agriculture that feeds them, are still in peril.)

And yet, it was after the long, wearying climate summit was over, and the world of climate science was still in the dark, that the Paris deal was announced. It was a deal that was not a cure, but a healing step.

The Limits of the Paris COP21 “Deal” and the Future of Climate Science

The New York Times

VOL. CLXV · No. 57,079

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SUNDAY, DECEMBER 13, 2015

\$6.00

NATIONS APPROVE LANDMARK CLIMATE DEAL

In France, Consensus on a Need to Lower Carbon Emissions



Negotiators of a climate pact achieved what had been

Visa Screening Missed a

This article is by Matt Apuzzo, Michael S. Schmidt and Julia Preston.

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KEVIN ANDERSON
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James Hansen, father of climate change awareness, calls Paris talks 'a fraud'

The former NASA scientist criticizes the talks, intended to reach a new global deal on cutting carbon emissions beyond 2020, as 'no action, just posturing'



Many of the conservative Union climate change is not a threat for the Sunbelt

Jason Box

What Comes After Paris COP21...?

Agricultural Stress → Food Insecurity and → the Demand for “*Climate Justice*”

The Food Gap

The Impacts
of Climate
Change
on Food
Production:
A 2020 Perspective

“Loopholes” in the Paris “deal”...

The loopholes create a structure of global
“Climate Apartheid”



“Loopholes” in the Paris “deal”...

What kind of world can we predictably expect to live in from this “deal”?



“Loopholes” in the Paris “deal”...

What kind of world can we predictably expect to live in from this “deal”?





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After 50 Years Harvard Honors Lester Brown

<https://environmentaljusticetv.wordpress.com/2015/04/24/lester-brown-harvard-lecture-6-may-2015-530-700pm/>

Lester Brown has foreseen this problem clearly for several decades...



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Jean Ziegler – UN rapporteur talks about the global food crisis – 28 Apr 08

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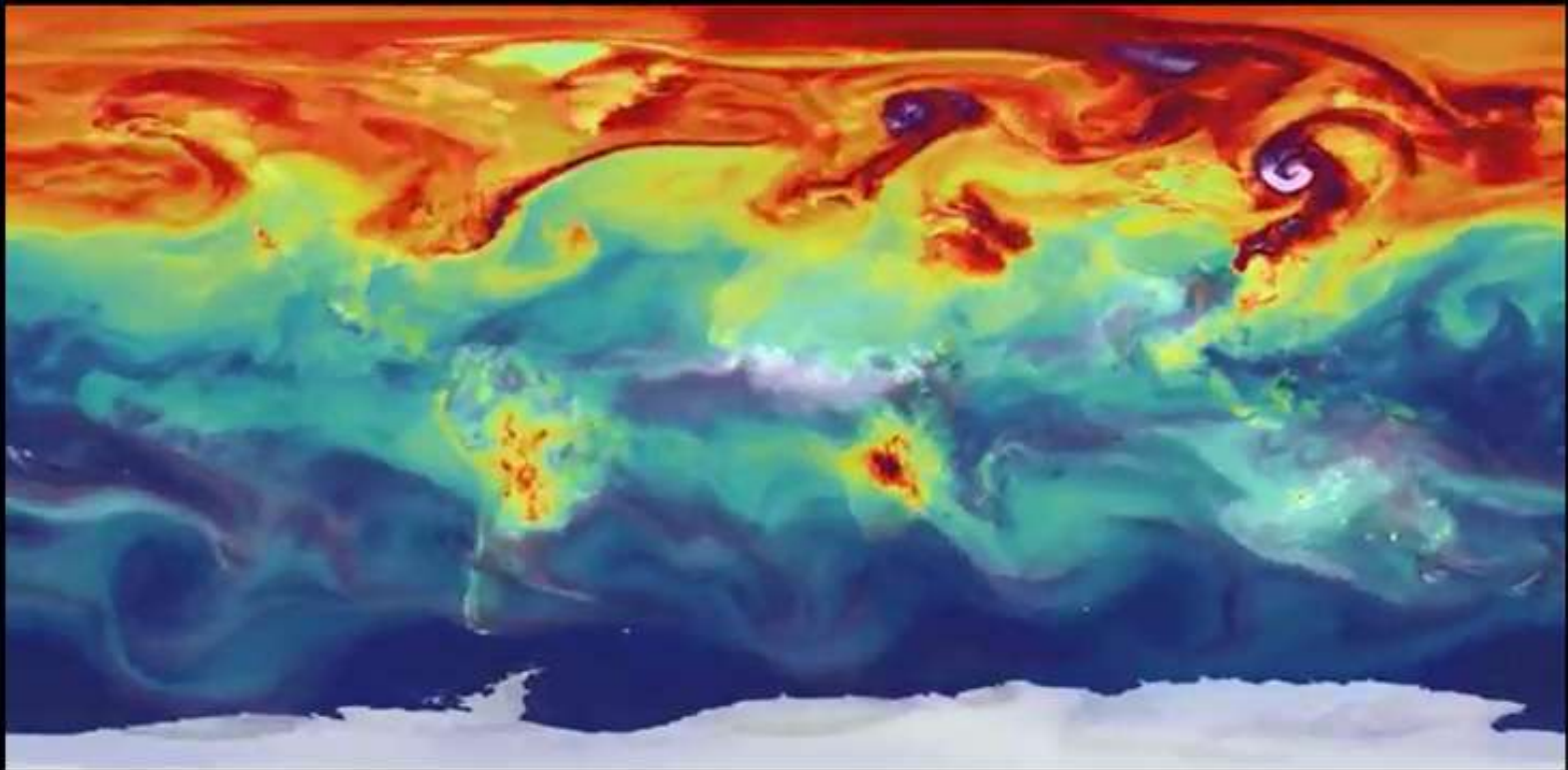
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The loopholes create a structure of global
“Climate Apartheid”



Paris COP21 and after...
Was this a Global Agreement?
How Will China Act? What Will India Do?



Key COP meetings have been:

Those held in:

Bali, Indonesia (COP 13) - 2007

Copenhagen, Denmark (COP 15) - 2009

Durban, South Africa (COP 17) – 2011

Paris, France (COP 21) – 2015

and

Marrakech, Morocco (COP 22) - 2016



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Marrakech Climate Summit 2016



As U.S. Elects Global Warming Denier, Thousands March in Marrakech Calling for Climate Justice

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<https://environmentaljusticetv.wordpress.com/2016/11/14/as-u-s-elects-global-warming-denier-thousands-march-in-marrakech-calling-for-climate-justice/>

Summary: **We need to learn what has happened over the last 11 years....**

In terms of the evolution of climate diplomacy, we need to keep in mind the progression from:

Bali COP 13 (2007) – first COP in the “Third World” raised concerns for Third World development and “developed world” assistance. U.S. opposes Third World position, is booed in plenary session and reverses its “official stance.” Then retracts its commitment under President George W. Bush. U.S. insists on no targets or timetables for carbon emissions. **Paupau New Guinea** tell U.S. “either ‘lead’ or get out of the way.”

Summary: We need to learn what has happened over the last 11 years....

In terms of the evolution of climate diplomacy, we need to keep in mind the progression from:

Copenhagen COP 15 (2009) – first COP for President Obama. Great expectations that he would reverse President Bush's hostile policies, but great disappointment when he offered nothing and meetings collapsed without accord. U.S. "blamed" China for 'lack of transparency.' China defends policy integrity of the Kyoto principle of "Common but differentiated responsibilities."

Summary: We need to learn what has happened over the last 11 years....

In terms of the evolution of climate diplomacy, we need to keep in mind the progression from:

Durban COP17 (2011) – first COP on African continent. Disputes continue between “global North” and “global South.” **India emerges as strong defender of “equity” to affirm the “common but differentiated” responsibilities – emphasizing the historical role of U.S. and Europe in creating emissions problem.** The **concept of “Climate Justice”** emerges as a major demand of the NGO community – outside the talks. This becomes the theme of the global South.

Summary: We need to learn what has happened over the last 11 years....

In terms of the evolution of climate diplomacy, we need to keep in mind the progression from:

Paris COP 21 (2015) – 190 + nations agree to “voluntary limits” to be set by each country for themselves. No fixed timetable and no firm targets. Each country agrees to publish its own achievements and monitor its own progress on reducing GHGs. Scientists say the “agreement between nations” is a “fraud” because it cannot possibly achieve the reductions needed for the survival of civilization.

Summary: **We need to learn what has happened over the last 11 years....**

In terms of the evolution of climate diplomacy, we need to keep in mind the progression from:

Marrakech COP22 (2016) – first COP intended to discuss how to “implement” historic “Paris Accord of 2015.” Whole conference thrown into fear and disarray as delegates learn of the election of President Donald Trump in U.S. elections. Trump campaigned on theme of scrapping the Paris Accord altogether, and does this officially in June 2017.

Summary: **We need to learn what has happened over the last 12 years....**

In terms of the evolution of climate diplomacy, we need to keep in mind the progression from **Bali** to **Marrakech** and up to today over the last 12 years.

To learn about the evolution of these climate COP meetings in depth, you can begin by consulting the unparalleled, on-the-spot reporting of Democracy Now!

[Copenhagen Climate Summit 2009](#)

[Cancún Climate Summit 2010](#)

[Durban Climate Summit 2011](#)

[Doha Climate Summit 2012](#)

[Warsaw Climate Summit 2013](#)

[Lima Climate Summit 2014](#)

[Paris Climate Summit 2015](#)

[Marrakech Climate Summit 2016](#)

Summary: **We need to learn what has happened over the last 11 years....**

In terms of the evolution of climate diplomacy, we need to think about what comes next:

Post-Paris Climate Negotiations

Uncertain what will happen “next.” President Trump withdrew from Paris Accord in June 2017. U.S. was further alienated from G20 on climate issue. In effect, the G20 has become a G19 + 1 (the U.S.).

China is beginning to reach out to the G19 to work on climate now that U.S. is isolated, and Trump administration is striving to pursue extraction and maximum carbon-driven growth strategy.

Summary: We need to learn what has happened over the last 12 years....

In terms of the evolution of climate diplomacy, we need to keep in mind the progression from (COP history) to:

Post-Paris Climate Negotiations

Summary: We need to learn what has happened over the last 11 years....

In terms of the evolution of climate diplomacy, we need to keep in mind the progression from (COP history) to:

Post-Paris Climate Negotiations

What will China do next?

Summary: We need to learn what has happened over the last 11 years....

In terms of the evolution of climate diplomacy, we need to keep in mind the progression from (COP history) to:

Post-Paris Climate Negotiations

What will China do next?

Will it become an effective world leader on global climate issues?

Summary: We need to learn what has happened over the last 11 years....

In terms of the evolution of climate diplomacy, we need to keep in mind the progression from (COP history) to:

Post-Paris Climate Negotiations

What will China do next?

Will it become an effective world leader on global climate issues?

We do not know...?

Trump presidency may spell disaster for climate | China Dialogue

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乔伊迪普·格普塔

09.11.2016

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评论

对气候变化不以为然的特朗普当选美国总统，这会令美国站在全球气候行动和绿色经济转型的对立面吗？



当选总统唐纳德·特朗普曾表示气候变化这个概念是中国制造出来的“骗局”。

图片来源: Gage Skidmore

China has a long history of economic strength and is continuing a growth strategy.



But what will this mean for the “carbon footprint” of China’s *contemporary economy?*

China’s National People’s Congress opens annual session

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<https://environmentaljusticetv.wordpress.com/2016/03/09/chinas-national-peoples-congress-opens-annual-session/>

What will the family policy change mean for the global climate?



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Important questions for world survival, *especially since the U.S. direction has been totally reversed by President Trump in June-July 2017*

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

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World leaders condemn US withdrawal from Paris climate deal

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Important questions for world survival, *especially since the U.S. direction has been totally reversed* by President Trump in June-July 2017

World leaders condemn US withdrawal from Paris climate deal

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Important questions for world survival, *especially since the U.S. direction has been totally reversed* by President Trump in June-July 2017

John Kerry calls Trump's decision "self-destructive step" that puts U.S. last

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It grew worse for the U.S. and the world at
the G20 in Hamburg, July 2017

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



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G20 Leaders Agree... Or Do They?

It's day two of the G20 summit in the German city of Hamburg and leaders have devised a final communique acknowledging their differences on climate change.

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G20 talks fail to bridge climate chasm


A statement at the G20 summit says the Paris accord is "irreversible" but the US forces compromise.

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There were warnings of the consequences well before Trump's decision...

Panel on EU Chief: China Ready To Fill U.S. "LEADERSHIP VACUUM"

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**If China is going to lead, where
are we headed on climate as
a global community?**

**If China is going to lead, where
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**What was China's role in the
collapsed talks
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**If China is going to lead, where
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a global community?**

**What was China's role in the
collapsed talks
in **Copenhagen** **and** since 2009?**

**How does it view its role today,
10 years later?**

What Do We *Really* Know About China and Climate?

What Do We *Really* Know About China and Climate?

(...not much, really.)

There are some important academic programs...

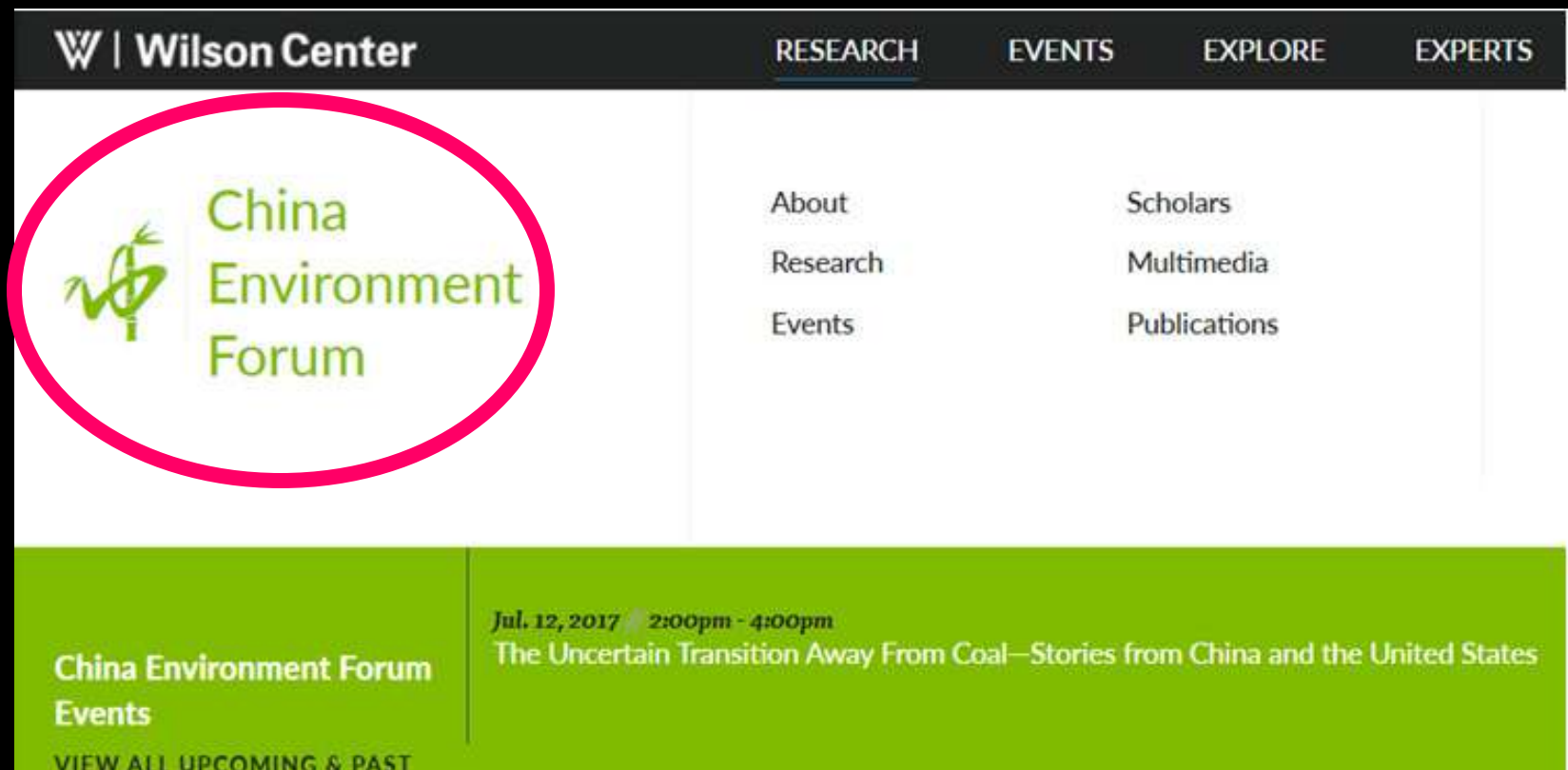
Harvard-China Project



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(...not much, really.)


There are some important government policy programs...



The screenshot shows the Wilson Center website. The header includes the Wilson Center logo and navigation links: RESEARCH, EVENTS, EXPLORE, and EXPERTS. The main content area features the China Environment Forum logo, which is circled in red. To the right of the logo are links for About, Research, Events, Scholars, Multimedia, and Publications. At the bottom, there is a green banner for an event titled "The Uncertain Transition Away From Coal—Stories from China and the United States" on July 12, 2017, from 2:00pm to 4:00pm. The banner also includes the text "China Environment Forum Events" and a link to "VIEW ALL UPCOMING & PAST".

W | Wilson Center

RESEARCH EVENTS EXPLORE EXPERTS

 China Environment Forum

About
Research
Events

Scholars
Multimedia
Publications

Jul. 12, 2017 2:00pm - 4:00pm
The Uncertain Transition Away From Coal—Stories from China and the United States

China Environment Forum Events
VIEW ALL UPCOMING & PAST

What Do We Know About China and Climate?

But what does *the public* hear about?
What do they understand?

We hear
occasional
reports....
about **China's**
leadership in
climate-
related areas.

Report finds China surpasses US in renewable energy consumption

Posted on [July 20, 2017](#) | [Leave a comment](#) | [Edit](#)



What Do We Know About China and Climate?

But what does *the public* hear about?
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...but then we see other stories on China and global pollution.



What Do We Know About China and Climate?

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China's Other Big Export: Pollution – The New York Times

Posted on July 22, 2017 | [Leave a comment](#) | [Edit](#)



China's Other Big Export: Pollution – The New York Times

What Do We Know About China and Climate?

*From Copenhagen (2009) to Hamburg (2017)
(...not very much, yet.)*



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What Do We Know About China and Climate?

From Copenhagen (2009) to Hamburg (2017)
(...not very much, yet.)

Will China's patterns of future growth undercut its potential role as a "climate leader"?



China's biggest car show opens as economy slows

21 April 2015 Last updated at 05:24 BST

Demand for oil to rise 4.8% | chinadaily.com.cn

Posted on January 31, 2013 | 2 Comments | Edit

http://www.chinadaily.com.cn/business/2013-01/31/content_16189328.htm

Updated: 2013-01-31 03:02 By DUJUAN (ChinaDaily)



What Do We Know About China and Climate?

From Copenhagen (2009) to Hamburg (2017)
(...not very much, yet.)



What do we know about China's future "carbon footprint?"

What Do We Know About China and Climate?

From Copenhagen (2009) to Hamburg (2017)
(...not very much, yet.)



What do we know about China's
future "carbon footprint?"

How can we find out?

What Do We Know About China and Climate?

From Copenhagen (2009) to Hamburg (2017)
(...not very much, yet.)

China Is a Climate Leader but Still Isn't Doing Enough on Emissions, Report Says – The New York Times

Posted on [July 19, 2018](#) | [Leave a comment](#) | [Edit](#)

China Is a Climate Leader but Still Isn't Doing Enough on Emissions, Report Says



A layer of smog in January over Taiyuan, the provincial capital of Shanxi, China's biggest coal-producing region. Gilles Sabrid for The New York Times



Embassy
of the Federal Republic of Germany
Beijing

Mapping China's Climate Policies

June 2017 Edition

Craig Hart
Zhu Jiyun
Ying Jiahui
Development Technologies International



China Carbon Forum
中国碳论坛

An independent platform to foster trust and cooperation
among China's stakeholders for climate action

**German scholars
have made a start,
and perhaps this is
the beginning of a
China-Germany
climate leadership
initiative.**



Embassy
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What is China's "bold vision?"

What specific policies will be used to implement this "bold vision?"

China's bold vision for global energy security | Asia Times

Posted on [July 20, 2018](#) | [Leave a comment](#) | [Edit](#)

 **ASIATIMES** EST. 1990

RENEWABLE ENERGY | China's bold vision for global energy se...



China's bold vision for global energy security

 [By JEFFREY D. SACHS](#) | APRIL 8, 2018 4:32 AM (UTC+8)



The boldest plan to achieve the targets set by the 2015 Paris climate agreement comes from China. The Paris accord commits the world's governments to keep global warming to well below 2 degrees Celsius relative to the pre-industrial level. This can be accomplished mainly by shifting the world's primary energy sources from carbon-based fossil fuels (coal, oil, and natural gas) to zero-carbon, renewable (wind, solar, hydro, geothermal, ocean, biomass), and nuclear energy by the year 2050.

More from this author

[Energy for the common good](#)
14-05-2018 10:43

[Europe must resist Trump's](#)
14-05-2018 10:43

How can we learn more about China's climate policies?

Columbia | SIPA Center on Global Energy Policy | Guide to Chinese Climate Policy

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Guide to Chinese Climate Policy



How can we learn more about China's climate policies?

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 COLUMBIA | SIPA
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GUIDE TO CHINESE CLIMATE POLICY 2018

BY DAVID SANDALOW



How can we learn more about China's climate policies?

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Guide to Chinese Climate Policy

China's Policies and Actions for Addressing Climate Change (2017)

National Development and Reform Commission

P.R. China

October 2017

What is: “The Global Energy Interconnection Development and Cooperation Organization (GEIDCO)”



The Global Energy Interconnection Development and Cooperation Organization (GEIDCO), with its permanent office domiciled in Beijing, China, is a international organization among willing firms, associations, institutions and individuals who are dedicated to promoting the sustainable development of energy worldwide.

What is the GEIDCO “Story Contest”



How might you contribute to this? What can we all learn from this?

From a global perspective, this data is very troubling...

Carbon emissions from energy industry rise at fastest rate since 2011

BP report reveals swings in global temperatures are increasing use of fossil fuels



▲ Smoke belches from a coal power station near Datong in China's northern Shanxi province. China led the world's energy growth in 2018. Photograph: Greg Baker/AFP/Getty Images

From a global perspective, this data is very troubling...

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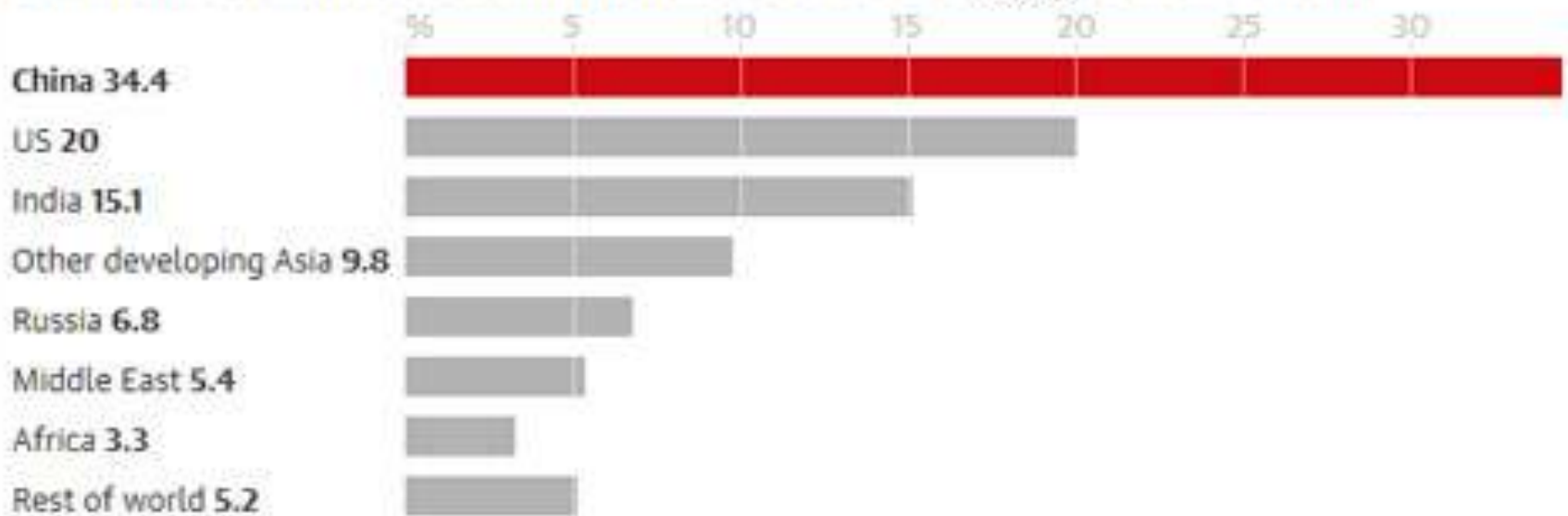
▲ Smoke belches from a coal power station near Datong in China's northern Shanxi province. China led the world's energy growth in 2018. Photograph: Greg Baker/AFP/Getty Images

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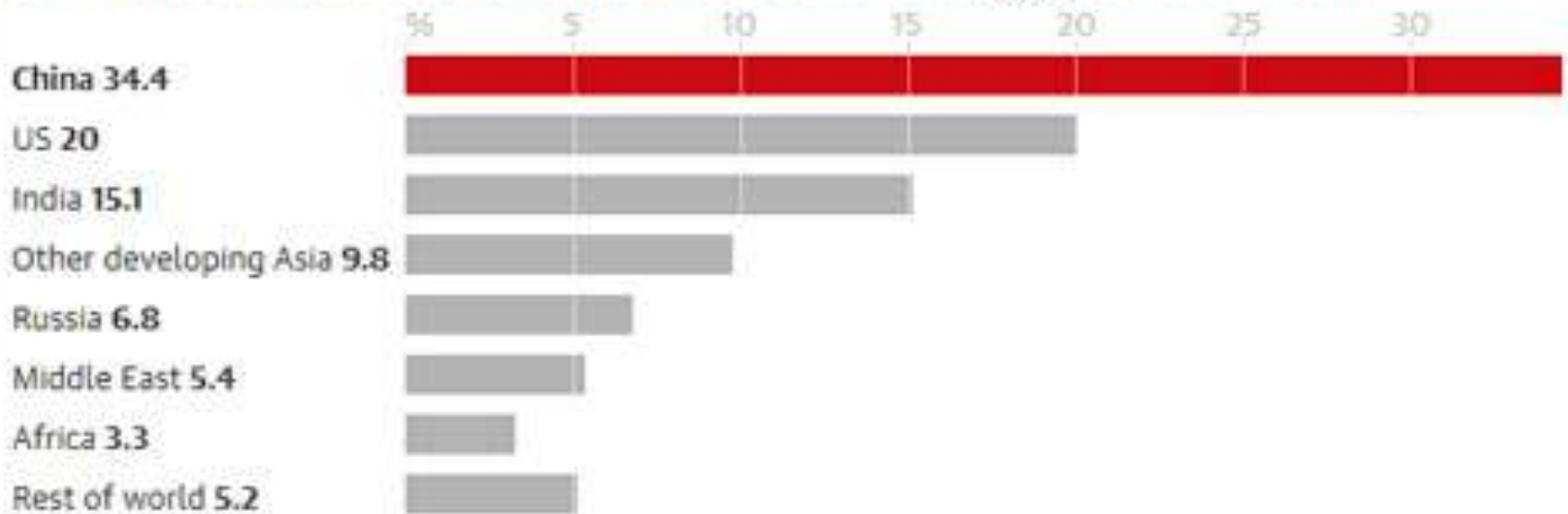
China accounted for a third of the world's energy growth in 2018



Guardian graphic. Source: BP statistical review of world energy

The fate of humanity has come to depend to a large extent on the behavior of China.

China accounted for a third of the world's energy growth in 2018



Guardian graphic. Source: BP statistical review of world energy

Above all the world needs more Chinese
and American scholars
(like Lucia Green-Weiskel and like yourselves.....)
...who speak Chinese and English and can interpret
our experiences and aspirations to each other
across cultural boundaries



And there is a need for
global transition studies...



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

<https://environmentaljusticetv.wordpress.com/2018/05/27/the-un-the-una-and-climate-looking-ahead-to-paris-cop-21-in-december-2015-ev-n-176-cctv/>

And there is a need for global transition studies...



<https://www.youtube.com/watch?v=4gFtz0Y8zxY&list=UUd0XBz6FNzyJupMloEDC1Fw>

<https://environmentaljusticetv.wordpress.com/2018/05/27/the-un-the-una-and-climate-looking-ahead-to-paris-cop-21-in-december-2015-ev-n-176-cctv/>

There are some very hopeful
leaders emerging...like this
16-years old Swedish girl



Fridays for future, il discorso di Greta Thunberg: “Prepariamoci, dovremo combattere per anni”

Posted on [August 5, 2019](#) | [Leave a comment](#) | [Edit](#)



[La Repubblica](#)

<https://environmentaljusticetv.wordpress.com/2019/08/05/fridays-for-future-il-discorso-di-greta-thunberg-prepariamoci-dovremo-combattere-per-anni/>

The Zero-Emissions Boat That Will take Greta Thunberg to the U.S.

Posted on [August 5, 2019](#) | [Leave a comment](#) | [Edit](#)



A new kind of leadership on climate and environmental issues is emerging around the world...



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

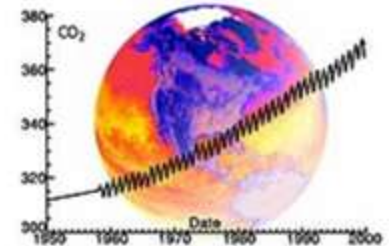
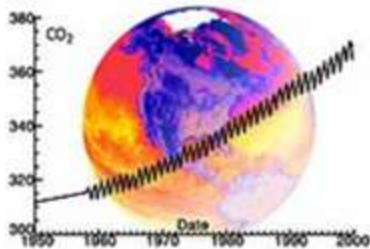
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Timothy C. Weiskel

Research Director, *Cambridge Climate Research Associates*

Climate Science for Human Survival

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Session 5

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

8 August 2019

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

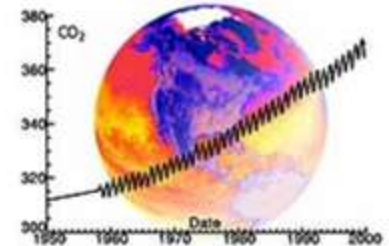
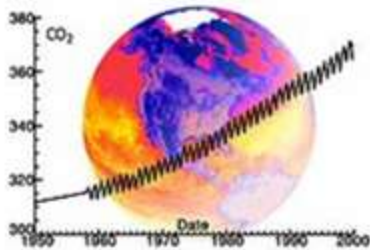
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Timothy C. Weiskel

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Climate Science for Human Survival

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Session 6

Necessary Components of Your Research Paper

15 August 2019

Let's review these components quickly....