Poster 494

CONTRADICTIONS TO IPCC'S CLIMATE CHANGE THEORY

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For science details, please see my preprint

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in Phoenix, Arizona

on January 8, 2019,

from 4 to 6 pm,

Hall 4.

See below for each panel

The Problem Defined

Physics Model versus UN IPCC Model

One Inflow, two predicted levels (ppm)

Bar chart: Inflow (Natural 98, Human 4.6); Physics Level (Natural 392, Human 18.4); IPCC Level (Natural 280, Human 130). Legend: Natural (blue), Human (yellow).
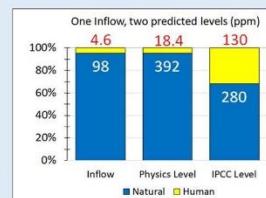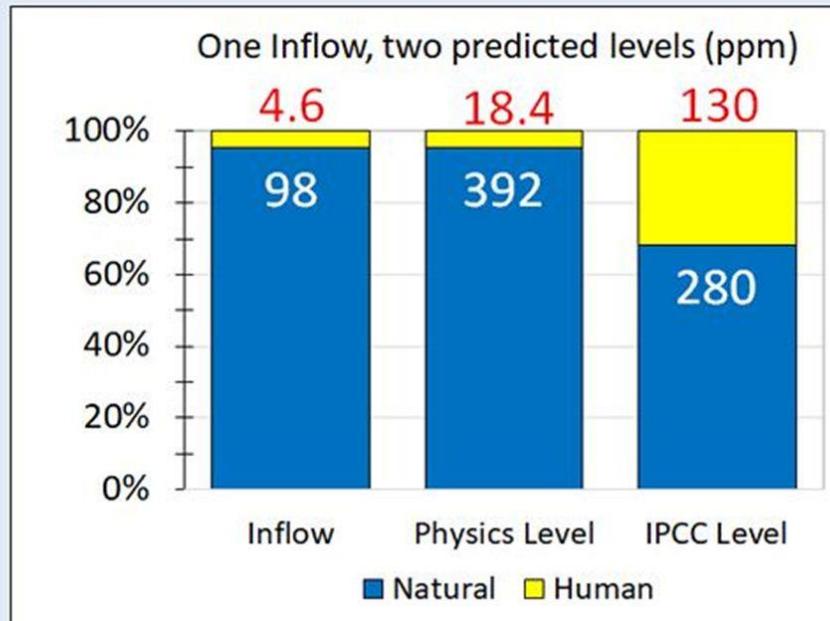
Multiple lines of evidence support Physics Model

Item	Physics Model	UN IPCC Model
Replicates 14C data	Yes	No
Proves 14C outflow = Level / Residence Time	Yes	No
Proves Adjustment time = Residence time	Yes	No
Shows human effect on 14C level	Yes	No
Shows human effect on 13C level	Yes	No
Proves no CO2 "sticks" in atmosphere	Yes	No
Treats human and natural CO2 the same	Yes	No
Simple theory applies to all CO2 definitions	Yes	No
Can restart calculation and continue simulation	Yes	No
UN core argument fails	NA	Yes
UN net importer argument fails	NA	Yes
UN theory fails correlation	NA	Yes
UN buffer capacity argument fails	NA	Yes

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Physics Model

The Physics model replicates global 14CO2 data

New Zealand 14C data and Physics Model

(graph: D14C vs Year, 1950–2020, legend: —D14C ···Physics Model)
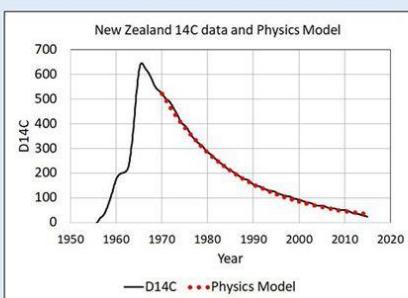
Physics theory significance

| No CO2 sticks in the atmosphere	CO2 flows through the atmosphere
Human CO2 adds 18 ppm to atmosphere	Natural CO2 adds 392 ppm to atmosphere

Physics theory: Outflow = Level / Te

Inflow → Balance Level — — — — Balance Level = Inflow * Te

Level

Outflow →

CO2 flows through atmosphere as water flows through a lake

d/dt (Level) = Inflow − Outflow
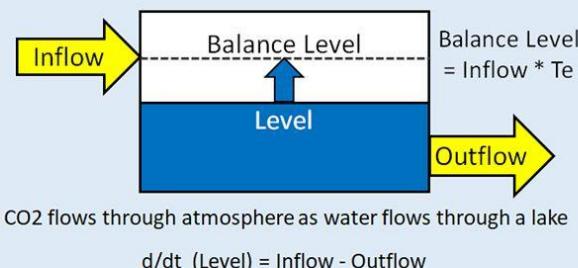
Natural and human CO2 set balance levels

Nature: 392 / 98 / 98

Human: 18 / 4.6 / 4.6
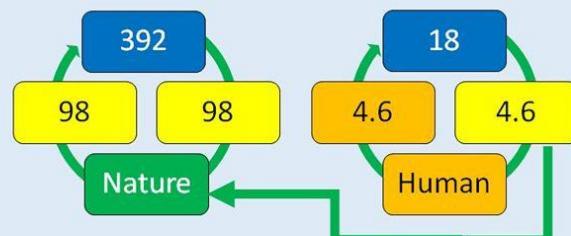
External processes affect only Inflow and Outflow

Inflow → Atmosphere → Outflow

External processes change atmosphere only through inflow and outflow

External processes (ocean, land, geology)
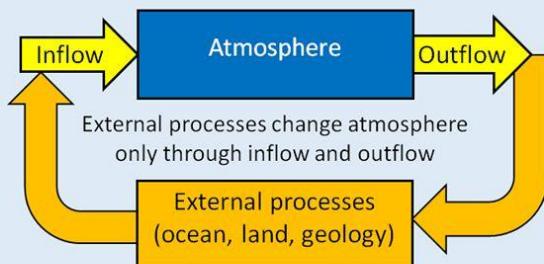
Adjustment Time = Residence Time

Adjustment Time = Level change
Residence Time = Molecule change

UN says, if Outflow = L / Te, then
Adjustment Time = Residence Time

14C data prove Outflow = L / Te

Physics theory: Outflow = Level / Te

$$dL/dt = \text{Inflow} - \text{Outflow} \qquad (1)$$
$$dL/dt = \text{Inflow} - L / Te \qquad (2)$$
$$dL/dt = Lb / Te - L / Te \qquad (3)$$
$$L(t) = Lb + (Lo - Lb) \exp(-t / Te) \qquad (4)$$

14C data support Physics theory

New Zealand 14C data and Physics Model (Balance Level = −4.5)

New Zealand 14C data and Physics Model (Balance Level = −32)
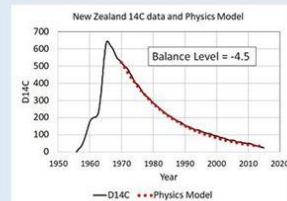
Physics balance level of −4.5 fits 14C data.
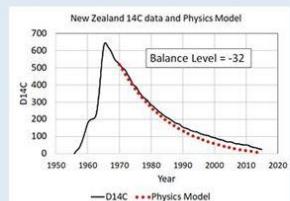
IPCC balance level of −32 does not fit 14C data.

Physics theory consequences

Balance levels for human and natural Inflows:

Lbh = 4.6 (ppmv/year) * 4 (years) = 18.4 ppm (1)

Lbn = 98 (ppmv/year) * 4 (years) = 392 ppm (2)

The ratios are independent of residence time:

Lbh / Lbn = 4.6/98 = 18/392 = 4.6% (3)

$Lbh / (Lbh + Lbn)$ = 4.6/102.6 = 18.4/410 = 4.5% (4)

13C data support Physics theory

13C Ratio decrease

(bar chart: 13C Ratio 0.15, Physics 0.09, UN IPCC 0.64)
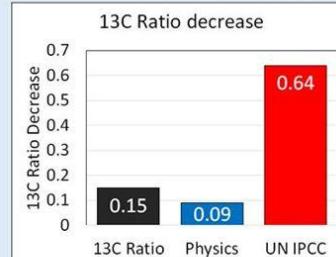
Physics theory fits 13C Ratio.

UN theory fails.

UN IPCC Model

UN Bern model can't simulate 14C data

**and can't replicate itself on restart**

Physics and Bern models compared

CO2 - percent

- Physics 14C data: Te = 16.5 years
- Physics 12C: Te = 4 years
- Bern 12C
- Bern 12C Restart
- Bern 15% lock

Years

UN core argument fails

Sum from 1750 to 2013

Human 185

Level up 117

Nature 26,000

CO2 Level

Outflow

UN claims human 185 caused all increase

UN omitted nature's 26,000 inflow
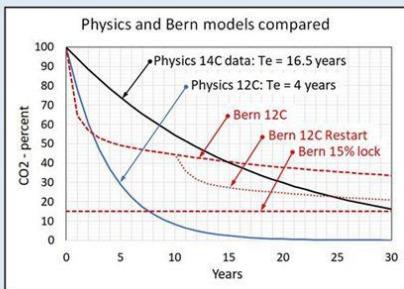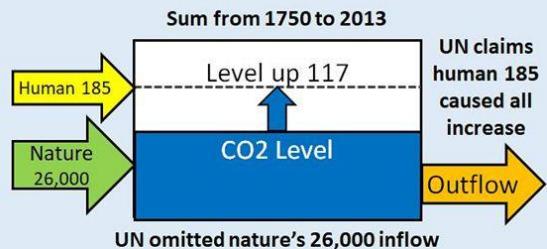
UN theory fails the Scientific Method

Theory → Prediction ?
↑   ↓
Data   Data

If your prediction is wrong, your theory is wrong
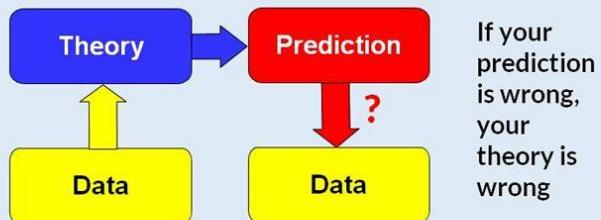
UN says nature can't increase Atmos CO2
because nature absorbs Human CO2

Atmosphere

4.6   98   98   4.6

Human   Land + Oceans

UN wrong because outflow depends on level, **not upon inflow**
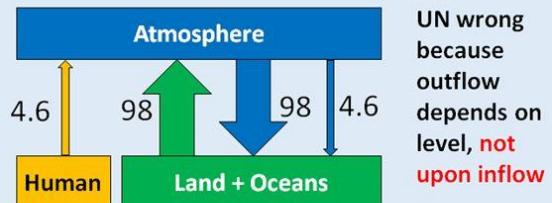
UN says Human CO2 reduces "buffer capacity"

Normal Level → Normal Ocean Buffer Capacity

Human CO2 causes →

Higher Level → Reduced Ocean Buffer Capacity

Would increase Te - but 14C data show no change in Te.

Global average 14C data and Physics Model

D14C

Year

— D14C   • • • Physics Model
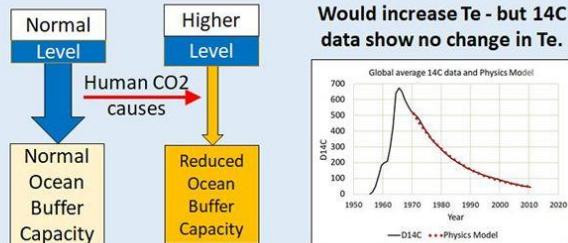
UN says 15% of human CO2 stays in atmosphere

"Natural Carbon Cycle"
Natural CO2 = 0

98   98

Land + Oceans

"Human Perturbation"
Human CO2 = 0.7 stays

4.6   3.9

Human   Land + Oceans
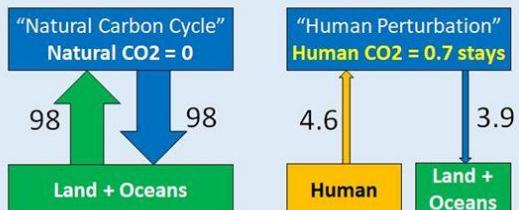
Human CO2 does not correlate with Atmos CO2

Annual CO2 change
↑
Annual human CO2

UN says human CO2 changes Atmos CO2 annually

Correlation of annual human CO2 to change is ZERO

So, Human CO2 does not increase Atmos CO2
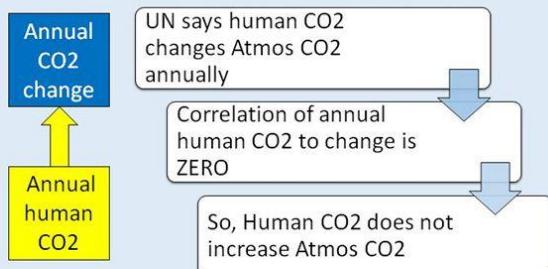
The UN demon traps human CO2

Natural CO2 Inflow = 98

Natural CO2 Outflow = 98

Human CO2 Inflow = 4.6

Traps 15% of human Inflow
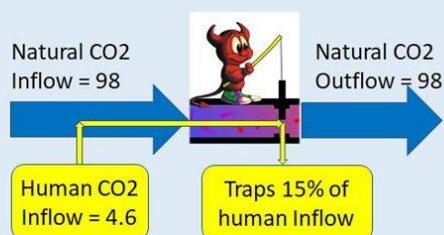
Bern model traps 15% of HUMAN CO2

$$L(t) = L_o [\; + 0.150$$
$$+ 0.252 \exp(- t / 173)$$
$$+ 0.279 \exp(- t / 18.5)$$
$$+ 0.319 \exp(- t / 1.19)$$
$$]$$

UN theory must apply to natural CO2

So, 15% of natural CO2, or 15 ppm/year, sticks in atmosphere.

Then 1000 years will stick 15,000 ppm of natural CO2.

The result is clearly absurd. So, the UN theory is wrong.