

This is the most emergent problem to live, or not to live !!. 2014/5/21,6/3,12/25

(P0) If you think mankind is too evil to be saved by any salvation efforts, so they must be extincted with many other species, you don't need to read this anymore <postulation 0≡P0>.

Mentioned **the outline** in below may be not authors opinion, even **with some uncertainty**, but decisive scientific fact **as a whole**, which could be confirmed by you with the experts <contact@realclimate.org,;prb@aps.org>.

(P1) Unless emergent global counter measure of **more than 80% CO2 reduction**, we could not be saved !!. Desirable **max CO2 sink by ocean and land vegetation with 20% emission** would take about 30 years to stop temperature rising. Recovering now state would take more than twice the time. Then the max temperature rise would be about **0.3±0.1°C**, even **the possible minimum temperature rise** would cause considerable wild climate to secure water and foods <Temperature process simulations are seen in following pages>.

<http://www.777true.net/Definition-on-Radiative-Forcing.pdf> <see P8/14>

* Then it would be best that everyone together scarcely could **eat and sleep by anyhow**.

Note we now all have been allowing and seeing **homeless people's life !!**.

<http://www.777true.net/Life-Assurance-by-National-Strategy-in-coming-climate-WAR-TIME.pdf>

(P2) Unless emergent **Arctic Cooling geo-Engineering** to stop ice lid retreat, we would encounter **Methane Catastrophe toward mass extinction in fireball hell** by massive eruption of methane clathrate from the mass reservoir in the ocean floor due to the ocean warming (**ice albedo feedback now going on !!** = ice lid retreat causes more heat input into ocean which accelerate more heat input). See **the logo mark** at here

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

<http://ameg.me/>

<http://arctic-news.blogspot.jp/p/how-to-cool-arctic.html>

<http://www.777true.net/Rapid-Temperature-Rise-in-Arctic-a-simple-verification>

Thus emergent and decisive deadly facts has been being widely hidden to public, thereby it is evident that something evil conspiracy has been operating in this world. Certainly those are extremely inconvenient to global established regime with massive oil consuming. However without the fact, once again we must take **P0**. In such ways, and if you would allow such ways, the problem is once again to turn to **P0**.

Appendix_1:“Why could not American accomplish recognition on the deadly fact ??!.It’s entirely due to monopolic capitalism ruling<the American taboo> !!!”.

At least as for climate science,the conclusion had already been determined even with some uncertainty.The nothing countermeasure has been entirely due to **the conservatism** by monopolyc capitalist especially in **USA**.

Ordinal American never mention these ,so author can not help to mention **the American Taboo**.Once he joined American Co Hewlett Packard and educated something about America in few years.At that time he was not communism activist,however he was suspected to be so and suppressed to retire. But it’s climate change now that caused him to be decisively **socialist**. Because it is decisive simple fact that **free economy is impossible** by anymore to survive under **carbon rationing**. Or **P0**. It is more than a surprise that American could not understand the survival logic. Why not ???<**A revolution is more terrible than defeating War ???**>.

(1)For past long years,America had been the richest nation in the world. Original immigrant people’s wish was **to be rich** by own ability without hereditary or inconvenient regime.

(2)Sometimes excess doing becomes wrong than doing nothing.they had done excess doing
* **Capitalism the Monopolized Regime,origin of wicked motive in ruling with delusions**

(3)**Unprecedented economic prosperity had caused strong delusions in American.**

Certainly own recognition haughty-vanity-all-No1-USA had turned since 2008 Lehman bankruptcy. However the rich and stubborn conservative elites still seem as they were.

(4)USA is distrust others society,or dividend and ruled people by **Rockefeller’s instinct..**

* **Military Industry Complex the outrageous military nation.**

9/11 inside job terror(2001) and following false flag wars in Middle East .

<http://www.911truth.org/>

<http://www.physics911.net/>

<http://www.911scholars.org/>

* **CIA the monitoring machine against people of genuine democracy and religion.**

Wealth,Violence and Technology are trilateral in USA(anti- God).Those are inheritance of **NAZIS**(operation paper clip). That is,**America now is NAZIS incarnated nation**

* **Hitler’s marvelous Predictions**< Following is authors translation from Japanese>

http://inri.client.jp/hexagon/floorB1F_hss/b1fha400.html#04

*What feature will **future society** reveal !, Comrade gentlemen. Let's tell you. At first **elite aristocracy** would appear by survival struggles. Then also appear "**eternal non adult group**", that is, new middle class, ignorant public, and new slaves who serve. And top on all of them, **new Aristocracy** would have been established. Some special leading person would be. Thus, by hegemony struggling, **new regime** would be established in inner and outer side of nation. Also east region become giant experimental one,.....and then new European social order would be implemented (Words told to Rauschning by Hitler).*

The Ghost of NAZIS.

http://inri.client.jp/hexagon/floorA6F_hc/floorA6F_hc.html

* The heroes Julian Assange, Bladley Manning, and Edward Snowden might be illegal against domestic law, but **legal in humanitarian law**. Now Obama administration must emergently liberate **Manning** from **illegal and shameful torture !!!**.

- (5) The cold war era between USA and USSR with red purge is **massive and intensive brain washing to people for against communism**. American seems to be forced to show not communist at anytime anywhere. This is nothing, but the most American taboo. More or less, also western nations are so. However they seems not so much degree than that of USA. **Anti-communism and outstanding prosperity are bribery connection in USA,**
- (6) Why Andropov gave up USSR regime ?. Because they had known birth secret of the regime, which were conspired by the western rich Rockefeller and Rothschild. **Bolshevik revolution's** hidden aim was **to avoid internal struggle in WEST by setting outer enemy (USSR)**. It is told that, above all, spending much military budget for the cold war against the WEST could not be tolerable any more in USSR at that time.
- (7) **A children grown up in rich home would not grow to independent adult.**
A rich father is unconscious symbol of **powered authority, for whom they follow**. (So poor father never be optimistic). This problem is fatal to turn conservatism
- (8) Generally to tell, nation with emperor used to become **Satan hell nation**.
North Korea with Kim Johnun (terrible starved nation with many prison camps),
UK imperial (their historical ruling on many colonial nations were hell).
Japan with emperor Hirohito family (Hiroshima-Nagasaki-Fukushima),
USA with D. Rockefeller (coming soon).

The Bilderberg <nobility and wealthy the hereditary> (the world would be hell, unless...)

Why so ?, a Tyranny is worry only of saving and conserving his ruling emigre with top his status by many egoish followers, which is to cause political disasters against nation people.

(9)Above all,we must **declare,assure and secure** decisive liberty of scientists with facts in order to derive **decisive global massive agreement !!!**.

This is the emergent task that must be accomplished by governments at now in the world.

(10)**Fixing troubles(delusions) is impossible without frank recognition on defects.**

Common sense in **upside down USA** is not that of the world. American has been in ill, which had turned the world also more ill.. **American and also we foreigners must face inconvenient facts !!!**. Of course,conscience,but not majority American had known those well. Because above facts were taught to me also by them.

(11)**Non-white president in USA in this Singular Era<the final chance ?!?!>**.

Why is president in USA minor black especially in singular era of historical turning point??.

Not only USA president,but also UN chief secretary Ban Ki-moon,Rejendra Pachauri the IPCC chief are not white men.A time for salvation could not be all time,but very limited short one.**All of them must take outrageous big responsibility of mankind destiny whether extinction or not.** Any leader could not do decent politics without ability and conscience of their colleagues.Becoming good or bad would entirely depend on them and their behind.

Such them are almost white men.Some of them may be person of ability and conscience. Some might become bad due to pressure.Now frankly to tell,in authors recent years observing on WEST world politics,those has substantially been being ruled by minor **the supremacists**.They has been eager to conserve the own regime facing **the W collapse of global finance and the climate**.This is nothing but crisis also for them.Then they has been conspiring so called **operation EndGame** final struggle of the supremacism.In this decisive view point,the possible option for leaders is nothing,but being against the supremacism.That is, being against their conservative regime itself. Or new regime construction.The most simple and righteous way is facing and revealing the facts of the world !!!.Once those had done,desirable new regime construction would go on. Then never think the after .

The most hated aspect of leader at now by massive general people is keeping good appearances only without facing inconvenient ugly,outrageous facts of the powers. It's nothing,but now and then when and who can reveal the facts !!! **Trust white people !!** Since once facts revealed,people would become enough ability to do following problems.

The most hated aspect of leader at now by massive general people is keeping good appearances only without facing inconvenient ugly,outrageous facts of the powers.

It's nothing,but now and then when and who can reveal the facts !!! **Trust white people !!**

Since once facts revealed,people would become enough ability to do following problems.

Unless so,they are mere worst puppets who should retire fast as possible.

(12)People sometime do mistakes,also leaders do so. Thereby leaders conversion from

wrong to right in their policy would not be blamed by people,but applauded for their brave.



Appendix_2:

How to recognize coming climate hell(This is long lasting **climate war era** !!!).

<http://www.777true.net/0.1C-Temperature-Rise-could-cause-Climate-Wild.pdf>

Energy for making a hurricane $\doteq 1.8 \times 10^{20} \text{J}$. While energy of 0.1°C global temperature rise $\doteq 8.6 \times 10^{22} \text{J}$. Very wild to tell, it's about 500 pieces of hurricane. **Don't take 0.1°C easy !!!**

If global < heat input — output one \equiv debt heat $> = 0$, nothing hazardous, while not 0, it becomes hazardous to **heat up something** in ocean and land, which are heat engine to cause **wild dynamics** of strong flows with strong **evaporation** and **rain fall** such as **heat wave**, **typhoon**, **big flood**. **Big drought** may be anti-symmetry of big flood (dis-evaporation).



Tornado is caused by collision of cold and hot air mass (local strongest heat engine).

Paradoxical **cold wave** in global warming is caused by heat input in to Arctic. Intensifying heat flow from hottest equator into coldest Arctic simultaneously causes **exchanged cold flow** from Arctic to northern hemisphere. Even by few as $0.1-0.2-0.3^\circ \text{C}$ rise, you never

escape from coming hell of **foods-water shortage** with **massive infrastructure loss**.

Thereby **global food rationing strategy** would be unavoidable. This is **climate war era**

without gun and bomb.. Once **Arctic methane** was massively melted, global temperature

rapidly rise to cause **Heat Hell World** toward mass extinction. Avoiding this worst event is

the **decisive necessary condition** for global surviving < **global operation on Arctic**

Cooling !!!>.

Now the original English page is not found, but Japanese is here.

<http://www.777true.net/fWhat-will-climate-change-do-to-our-planet.pdf>

The author may notice nothing life possibility of $2^\circ \text{C}, 3, 4, \dots$ world. However, none could find, but

the site revealing **livelihood reality in climate corrupted world**. Possible miserable future

realities could be seen in above pages. In coming climate war era, **foods and water**

shortage with devastating social infrastructures is inevitable. Then there would be two

possible opposite option whether co-living with order and modesty, or surviving by

competition with disorder. Of course the latter is nothing but hell world toward mass

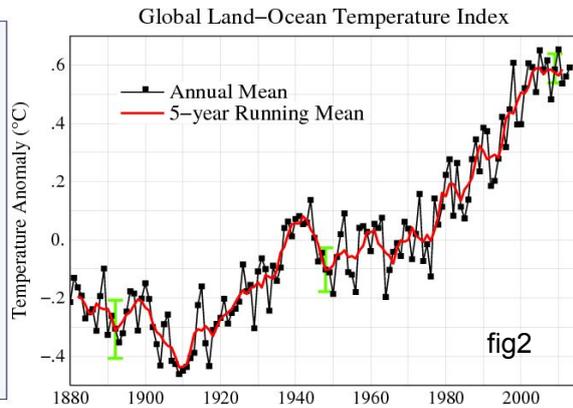
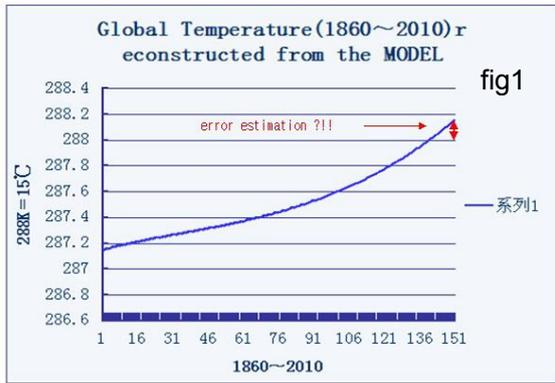
extinction.

Those who follow heavenly will do politics by righteous, while who are against do politics by forcing..... Mozi <ancient Chinese Philosopher and Strategist>

Appendix_3:More Details on P1 & P2.

(P1):The Reason of more than 80% CO2 reduction<also see p13,14/14>.

(1)Our conclusion is due to **zero dimensional model** far simple than PCC,s.However the **reliability** could be seen as **0.85°C rise(1850~2010)** record is almost reconstructed.

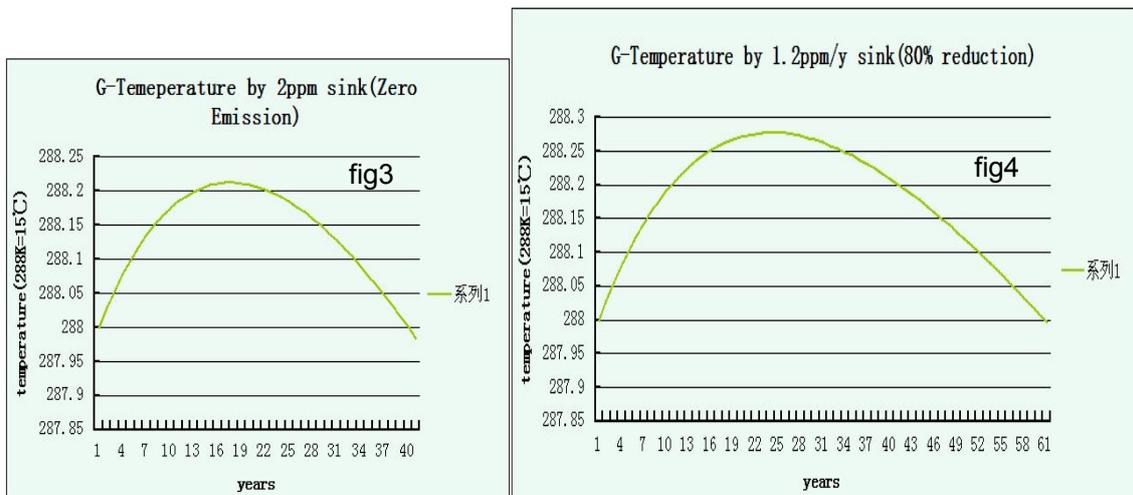


<http://www.777true.net/Accounting-principle-verify-reconstruction-the-Past-Climite-Records.pdf>
http://data.giss.nasa.gov/gistemp/graphs_v3/

(2)Even by 100 or 80% reduction could not be told enough safe,other mitigation are nothing. Unless emergent global counter measure of **more than 80%CO2 reduction**,,we could not be saved !!.. Desirable **max CO2 sink by ocean and land vegetation with 20% emission** would take about 30 years to stop temperature rising(N02 fig).Recovering now state would take more than twice the time. Then the max temperature rise would be about **0.3±0.1°C**, even which would cause considerable wild global climate to secure water and foods.

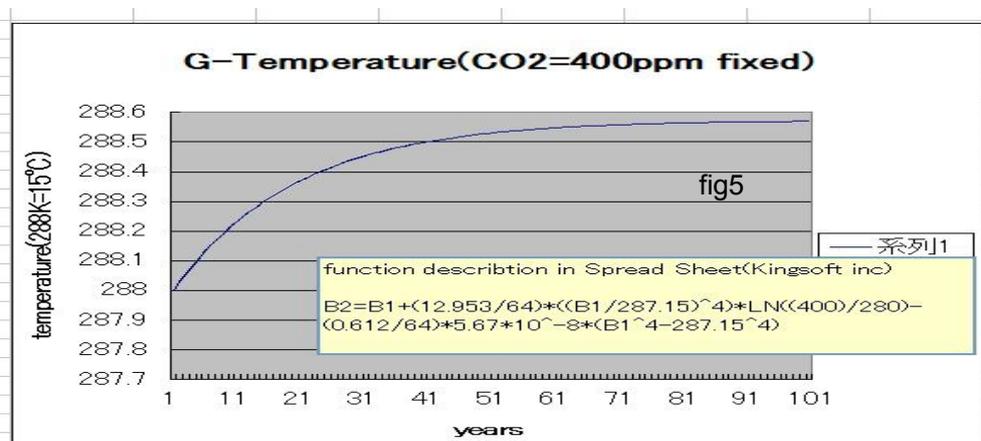
<http://www.777true.net/0.1C-Temperature-Rise-could-cause-Climite-Wild.pdf>
<http://www.777true.net/Definition-on-Radiative-Forcing.pdf>

fig1

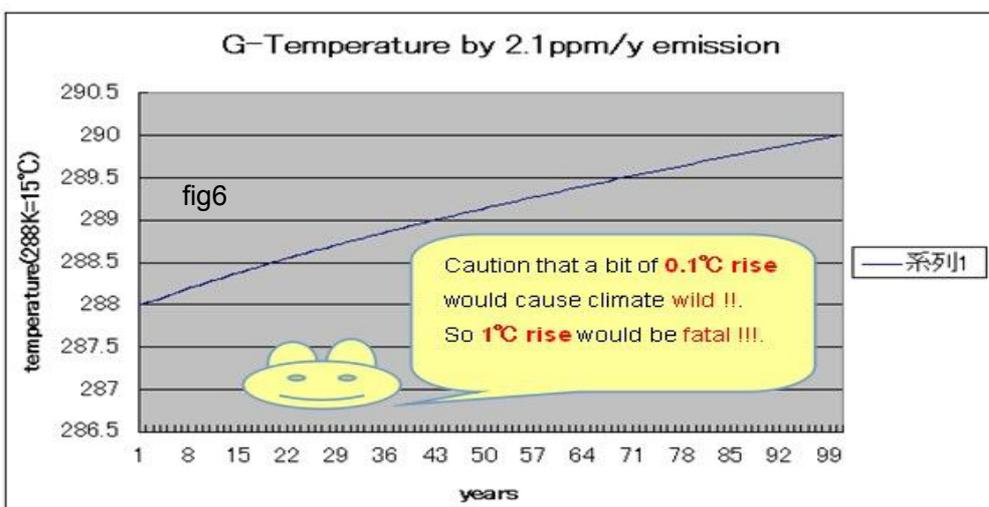


Note above curve must be assumption of **nothing emission from Arctic Methane(See P2)**.

- (3) This is **fixing the concentration by 400ppm** by almost **50%** reduction.
 Even by such huge 50% effort, this could be no salvation same as (4).



- (4) This is **current emission rate 2.1ppm/y** with **nothing reduction**.



☞ : Note fig6 with **2.1ppm emission** is **current trend** by almost linear rise. However this would actually not be realized. Because this calculation does not include **another natural GHG emissions** by temperature rise. The most typical example may be possibility of massive methane emission by Arctic sea water temperature rise. It is told the emission would be occurred at anytime (unless Arctic cooling geo-engineering). That is, **spontaneous stopping never will happen by anymore**. Therefore, 0.3, 0.4°C rise would be allowable limit (There are actually nothing, but only this mitigation way). Therefore above almost linear rise trend never will be realized, but except **within about 10 years or less**.

(P2): Arctic Cooling geo-Engineering.

(1) Unless emergent **Arctic Cooling geo-Engineering** to stop ice lid retreat, we would encounter **Methane Catastrophe toward mass extinction in fireball hell** by massive eruption of methane clathrate from the mass reservoir in the ocean floor due to the ocean warming (**ice albedo feedback now going on !!**=ice lid retreat causes more heat input into ocean which accelerate more heat input). See **the logo mark** at here

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

The initial stage is **insolation input increasing** by ice lid vanishing, which cause more insolation input into black sea and sea floor. Note **max insolation in Arctic summer** is stronger than that of equator !!! Methane ice is so unstable that **sea floor water 1°C rise** would trigger the bomb. **The final stage** is huge methane eruption (more than 1500GtC) into atmosphere, which would cause **fireball earth at last !!!**.

<http://ameg.me/>

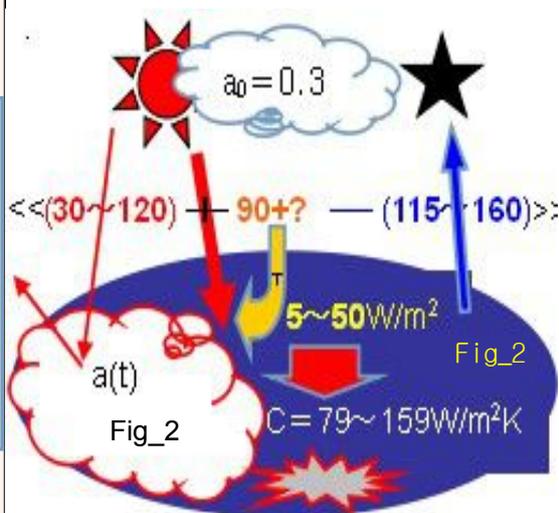
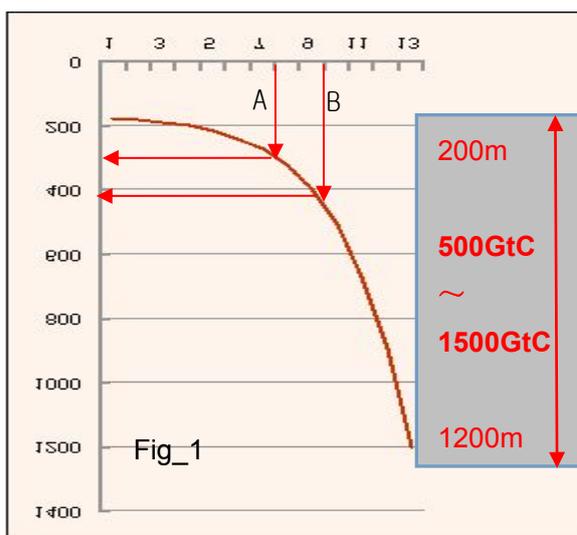
<http://arctic-news.blogspot.jp/p/how-to-cool-arctic.html>

<http://www.777true.net/Rapid-Temperature-Rise-in-Arctic-a-simple-verification>

(2) The Quick View:

<http://www.777true.net/Rapid-Temperature-Rise-in-Arctic-a-simple-verification.pdf>

Methane clathrate (MC) is massively stored sea floor (500~1500GtC in 200~1200m depth in Arctic ocean). To melt, temperature must be higher than specified temperature $T(x)$ at depth x < **temperature-pressure(=depth) phase boundary curve (brown)** in Fig_1).



☞: temperature scale is not correct. 0 = -15°C, 13 = +15°C.

Thereby,for an example,If temperature shift from A to B,then the invasion depth \doteq 100m could be seen by the curve from 300 to 400m.Then 100m invasion relates melting amount very about as $100m \times (500 \sim 1500GtC)/1000m = 50 \sim 150GtC$. Those **heat up intensity** (radiative forcing=RF) are about **$3.8 \sim 7.5W/m^2$** .Now $RF = 1.6W/m^2$ with global temperature rise $0.03^\circ C/y$.Thereby,temperature rise would be **$0.06 \sim 0.14^\circ C/y$,which are fatal.**

* $RF(1000GtC) = 19.5W/m^2 \sim 0.35^\circ C/y$,

(3)Fig_2 is a model of **1 year's Arctic** in $1m^2 \times 1second$ by scaling reduction. Note ice lid decreasing= $a(t)$ is to cause more insolation input,which turn to melt more ice lid.This is the vicious **positive feedback process** of result enhance more cause.Nothing could stop this process,but **man-made Arctic cooling geo-engineering**.Then Arctic ocean sea water temperature **rise of $1^\circ C$** would be fatal to trigger **Methane Catastrophe**. " C "= $79 \sim 159 W/m^2K$ " is the **ocean heat capacity of depth 600~1200m**.It is energy for $1^\circ C$ rise.Thereby **max heat input by ice vanishing** of $50W/m^2$ could cause **$1^\circ C$ rise** by $(79 \sim 159)/50 = 1$ or **3 years !!! . It's too rapid !!!**. For $2^\circ C$ rise,it takes double of $2 \sim 6$ years.

| | insolation heat | air+ocean heat | cooling radiation | DEBT HEAT |
|-------------|---|------------------|-------------------|------------------------------------|
| now | $30W/m^2(a=1.00-0.25)$ | $90W/m^2$ | $115W/m^2$ | $5W/m^2$ |
| final stage | $120W/m^2(a=1.00-1.00)$ | $90W/m^2 + more$ | $160W/m^2$ | $50W/m^2 + more$ |

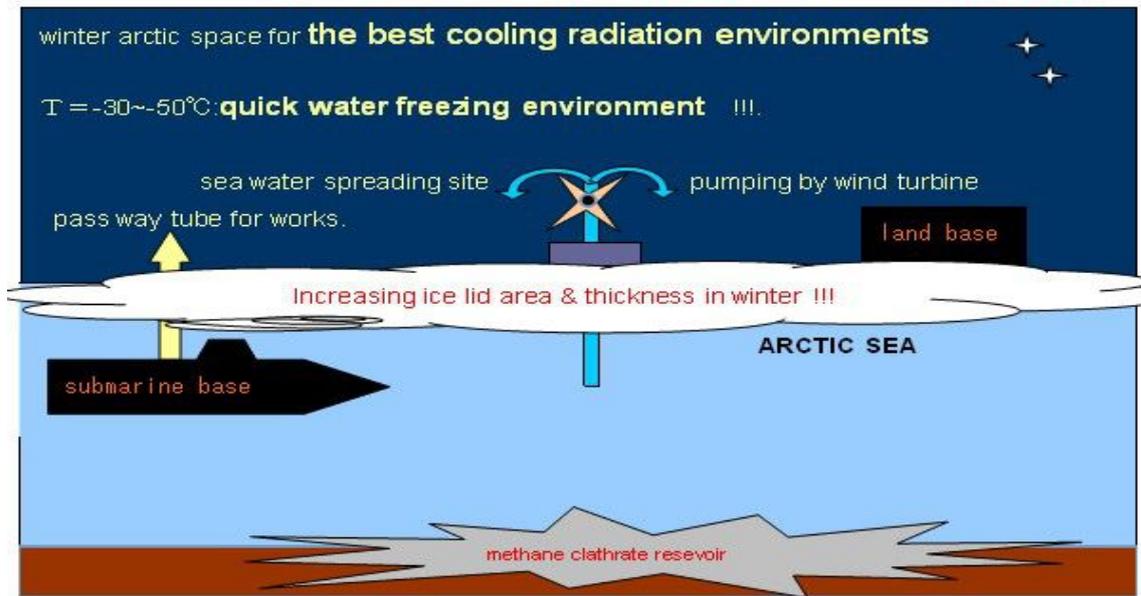
The final stage is told to become massive gas burning to **fireball earth !!!**.

☞: East Siberian Arctic Shelf(**ESAS**)have already begun methane eruption with few $10Mtc/y$.Current trend(without geo engineering)is to rise more eruption by few $100MtC$, $1GtC/y$ to few $10GtC$.Once few $10GtC$ would have realized.global temperature rise speed would be accelerated even with massive man made emission reduction.**Thereby both Arctic cooling with massive CO2 reduction are simultaneously necessary.**

(4) **How to cool Arctic:**

<http://www.777true.net/non-ipcc-Climatology-toward-Coming-Climate-Crisis.pdf> (P37/46)

Sea water spreading on ice lid in winter to increase heat out going & ice thickness the double effect. Water droplet spreading into sky in summer could be triple effect.



(5) **How much can we make ice by sea water spreading in winter.**

(a) **Recent years trend of Arctic ice volume decline** $\doteq 1000\text{Km}^3/\text{year}$

Arctic Sea Ice Volume Anomaly(PIOMAS)

<http://psc.apl.washington.edu/wordpress/research/projects/arctic-sea-ice-volume-anomaly/>

Now we **must emergently** compensate year's loss of $V \doteq 1000\text{Km}^3/\text{year}$.

If we fail, decline trend become more and more toward increasing difficulty of the operation.

(b) **mass of Arctic ice** with sea ice mass density = $917\text{Kg}/\text{m}^3$,

$$M = 1000\text{Km}^3 \times 917\text{Kg}/\text{m}^3 = 9.2 \times 10^{14}\text{Kg} = 9.2 \times 10^{11}\text{ton}..$$

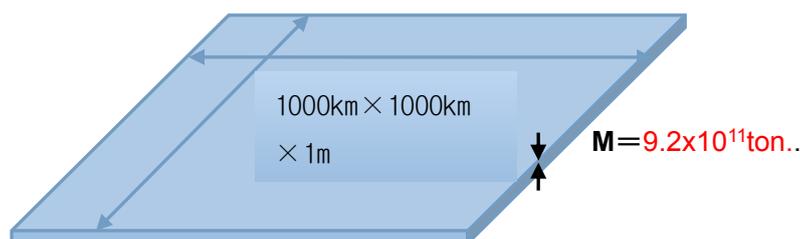
(c) m = total mass by water pump: $10\text{ton}/60\text{sec} \times (3600 \times 24 \times 120 \text{ <winter days>}) = 1.7 \times 10^6\text{ton}$

$$\text{* pumping power} = Mgh/T = 10,000\text{kg} \times 9.8\text{m}/\text{s}^2 \times 10\text{m}/60\text{s} = 16\text{KW}.$$

(d) N (cooler units #) = $M/m = 9.2 \times 10^{11}\text{t} / 1.7 \times 10^6\text{t} = 540,000$ $N = 540,000$.

"N" is outrageous scale, however none could tell it impossible.

If unit cost of the implementation is 50000\$, the coarse estimated total cost is about 27T\$.



(6) **Once again, Why more than 80% CO2 reduction ?!!.**

By anyhow, we could do nothing, but do Arctic cooling engineering in this severe condition.

* As for this item, author could not help to recognize his lack of knowledges on **Arctic actualities**. So this is his guessing, but some might be not correct. Please ask the experts.

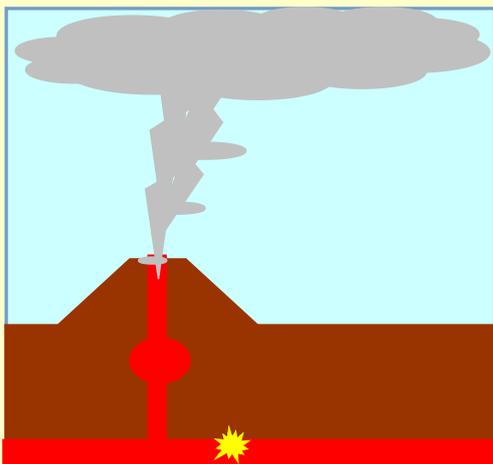
The most risk is Arctic Warming which increase risk of CH4 emission with ice lid vanish. Thereby **0.3°C rise** would be **allowable maximum value**. So long as less than 0.3°C rise, Arctic temperature rise in global would be **$3 \times 0.3^\circ\text{C} < 1^\circ\text{C}?$** . This could not be told safe. By anyhow, we could do nothing, but do Arctic cooling engineering in this severe condition.

(a) So long as above condition be, ice sheet could be made by **water spreading** in winter **without sun**. We hope the temperature are enough cold (**-20~-40°C**) to make ice instantly.

(b) Seasonal ice melt is mainly due to **insolation** which decrease ice thickness. Thereby ice thickness increasing is decisive. Cooling operation in summer (without ice lid) would be also necessary. **A possible method is massive cloud (or fog) generating by generating massive humidity**. Water spreading machines in winter should be changed to humidity spreading one in summer. This is a technical design problem to be solved.

(c) Arctic cooling is **long decades operation** which never can neglect under sea water warming due to heat inflow from the warmer oceans (ocean geo-engineering).

(d) **In case of becoming risky situation, something dangerous, but emergent operation might be necessary ?.**



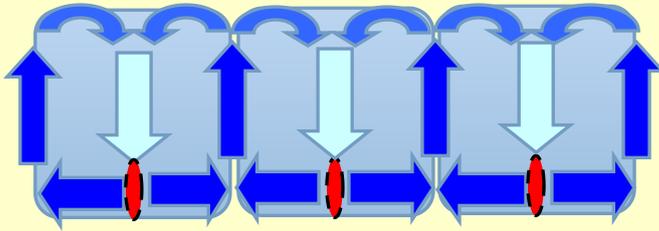
A possible(?) method is **artificial volcano strong explosion with massive dust emission** toward emergent cooling earth. It might be possible by **artificial earthquake technology (HARRP) ?**. Chemical component spreading is non favorable for the damages.

(e) Then people are to face global agriculture devastating. **Foods saving is decisive !!**
So increasing foods production and long time reserving is decisive.

Digging underground to make basement living and store room is best in climate war era.

(f) **Another emergent earth cooling technology might be cold sea water upwelling**

As is evident and usual, a geo-engineering requires **outrageous scale implementation**.



This method may be **massively hazardous** to sea animals and their environment !!! Something previous warning is necessary.

 This is something **horizontal explosive power generator at sea floor** in order to cause massive cold upwelling and warm down one to cause sea surface temperature down. Small, but successive explosions could cause water circulation ?. Then how to calculate **the optimization** by fluid dynamics?.

More details could be seen in following page.

<http://www.777true.net/How-to-Make-Clouds-for-Intercept-solar-heat-in-Arctic.pdf>

The technology making brightening cloud above arctic ocean would be decisive !!!.