Open Access Research Journal of **Biology and Pharmacy**

Journals home page: https://oarjbp.com/

ISSN: 2782-9979 (Online)

OAR JOPEN ACCESS RESEARCH JOURNALS

(REVIEW ARTICLE)



NOx, NP eliminations of developed countries induced global warming. Let stop NOx, NP elimination and let stop global warming and let produce much food and let make rich countries

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Open Access Research Journal of Biology and Pharmacy, 2023, 09(02), 057-066

Publication history: Received on 18 October 2023; revised on 23 November 2023; accepted on 26 November 2023

Article DOI: https://doi.org/10.53022/oarjbp.2023.9.2.0060

Abstract

Global warming is caused by the NOx and NP elimination by developed countries,

Global warming will stop if developed countries stop the elimination of NOx and NP. CO₂ assimilation will be activated and Global warming will stop.

Developed countries started NOx elimination by the reaction with ammonia at around 1980,

$$4NO + 4NH_3 + O_2 \longrightarrow 4N_2 + 6H_2O$$

This reaction eliminate NOx fertilizer and stop the CO² assimilation and promote global warming]

Developed cauntries are eliminating N and P in waste water,

These NOx and N,P elimination caused the lack of N,P and decrease CO_2 assimilation and decrease of CO_2 fix and decrease of food production can decrease heat absorption. .. Global warming will stop if developed countries stop the elimination of NOx and NP. CO_2 assimilation is activated and global warming will stop

Keywords: NOx; CO₂ assimilation; NOx elimination by ammonia; Carbon neutral; Stop of global warming; GWPR

1. Introduction

Paris agreement asking us: CO₂ emission is equal as carbon fix and progress by 2050. Author define ratio CO₂ em and CO₂ fix as GWPR (Global Warming Protection Ratio)

$$GWPR = CO_2 em / CO_2 fix$$

Carbon neutral is CO_2 em = CO_2 fix and GWPR = 1 Present GWPR of the world is 1.3. To lower 1.3 to 1, The author is asking to lower GWPR by increase of CO_2 fix. increase of CO_2 fix can be possible by activating CO_2 assimilation.

Global warming is produced by elimination of NOx and NP Elimination of NOx and NP decrease CO_2 assimilation and decrease of CO_2 fix.and promote global warming . The author asked the promotion of CO_2 assimilation to stop global warming by 61 papers(Re 1-61). In this paper I will describe the key points of these papers

• To promote CO₂ assimilation. We must increase fertilizer.

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NOx is safe and good nitrogen fertilizer to increase CO₂ assimilation and to produce food

- Stopping of NOx elimination by ammonia can stop global warming
- Stopping of NP elimination center decrease global warming and increase food production
- GDP, GWPR(CO₂ emission/ (CO₂ fix) comparison of NOx, NP elimination countries and no NOx NP elimination countries
- Heat absorption by CO₂ assimilation can stop global warming
- Dead lock

Decrease of CO_2 assimilation is caused by the stopping of NOx and NP elimination. Stopping of NOx, NP elimination will give enough CO_2 fix and global warming will stop and production of enough food and rich country will be possible.

2. NOx is safe and good fertilizer to produce food (ref 7)

NOx is hated as pollution gas causing illness. Many governments mis understand the usefulness of NOx and set up very strict law to eliminate NOx in burned gas and forced to eliminate NOx using ammonia this caused global warming

I wish to insist that NOx elimination should be stopped. Because toxicity of NOx is not so serious compared with significant merit of NOx. NOx is essential for plant to grow and produce food. NOx is essential for the promotion of CO_2 assimilation and essential for the the production of foods.

Thunder produce NOx from N_2 and O_2 . (ref 7, 63-66). About 4 million thunder in one day and about 30 x 106 t NOx is produced by thunder in one year and about 20-80% of NOx is produced by thunder in the world.

The year of many thunder give good harvest. This fact is written at Kojiki, 1300 year old Japan history book. Thunder by Japanese character Kaminari rain top on ta (field) bottom. Lightning Japanese character Inazuma Ine (rice) and Tsuma (wife). Both is precious as life. Heavy snow (2-3 m) fall at Hokuriku district Japan and produce many thunder this produce much NOx. The concentration of nitrogen in the snow melted river is high. Toyama bay produce plankton, fish, crab, shrimp. Ishikawa prefecture produce rice and Niigata prefecture produce delicious rice koshihikari. I buy fish and rice at Niigata prefecture, meat from Ishikawa Prefecture.

When something is burned NOx is produced. NOx is a mixture of 90% NO and 10% NO₂. NOx is dissolved in rain and give nutrient nitric acid and promote the growth of plant and plankton.

At Japanese coastal area, many snow falls. And near sea Gulf Toyama(Toyamawan) and surrounding sea are rich in nutrient N from thunder produced NOx and filled with plankton producing many Yellow tail(Buri), therefore thunder is called as Buriokoshi(yellow tai producer). No report as to the serious sick and dead person caused by NOx is reported. NOx released at no person district such as sea side far from house do not give serious damage to persons. NOx is essential for the growth of plant and essential for the production food and essential for all living biology. One NOx can fix 25 CO₂. One NOx can produce 25 plankton.

3. Global warming has started when developed countries started NOx elimination

At around 1980 7 developed countries had conference. And decided to eliminate NOx by inserting ammonia because NOx is toxic.

$$4NO + 4NH_3 + O_2 \longrightarrow 4N_2 + 6H_2O$$

This decision induced global warming. This reaction stop the recycle of nitrogen. This reaction retard CO_2 assimilation and stop CO_2 fix and produced global warming.

This NOx eliminating reaction has 6 great dis advantages.

- This reaction eliminate NOx, necessary compound for CO₂ assimilation. 0.4 billion tone(developed country),
 0.05 billion tone (Japan)
- Large amount of CH₄ is necessary to make hydrogen for the synthesis of ammonia. 0.8 billion tone (developed countries),10 million tone(Japan)CH₄ is necessary
- Large amount of CO₂ is produced for the production of hydrogen. 220 million tone(developed country) 27.5 million tone (Japan) CO₂ is produced.

- Electricity price increase USA 12 c/kWh Japan 12, Germany 35, UK 15.4, Italy 28 Developing countries China 1.6-4.5, India 6, Indonesia 10
- Food production decrease by the decrease of CO_2 assimilation. Food production ratio of Japan decreased from 100% to 37 % Fish production of Japan decreased from twelve million tone(1980) to 4 million tone(2000). Rice production decreased from 8 million tone to 4 million tone.
- Dead Lock It is clear that global warming is induced by NOx elimination of developed country. Developed countries are doing NOx elimination. And CO₂ assimilation is blocked and production of food is blocked. Many company is wishing to stop NOx elimination. But no company can not stop addition of ammonia to the exit gas. Because Japan government established the law that NOx must be eliminated. If NOx is detected at exit gas, we will stop the factory. Then every company must add ammonia to exit gas to eliminate NOx and global warming is still continuing.

When 7 developed countries proposed NOx elimination plan, Japan government accepted this NOx elimination plan and eliminated NOx completely by making a law to eliminate NOx at all factory. And if NOx is detected at exit gas, government can stop the factory. All factories of Japan put ammonia into exit gas and NOx(around 50 million tone) was eliminated. Then concentration of nitrogen 1.2 mg/L in rain become zero. Concentration of Nitrogen decreased remarkably. Fish production of Japan decreased from 12 million tone to 4 million tone per year. Nori production at Seto inland sea stopped. Silas production at Shizuoka Prefecture Japan decreased remarkably.

In 2008, Japan build new 1320 garbage incinerator equipped with ammonia insertion. Kamakura Nagoe clean center is burning 30 thousand tone garbage and forty five thousand tone CO_2 is released. This exit gas contain NOx and 40.94 kg ammonia is used. 40,94 x 30/17 = 72.24kg NO (molecular weight of NO/molecular weigh of NH₃) is eliminated. Population of Kamakura is 172000 and population of Japan is 120,000,000. 72.24 x 120,000,000/172,000= 50,400 kg NO is eliminated at Japan. Ikanago production at Hyogo Prefecture Japan was 7000 tone before 1990.It decreased to 200tone after 2010.

 CO_2 produced at developed countries is around 10 billion tone. And around $10x \ 1/25 = 4$ hundred million tone NOx is produced. To eliminate this NO (90% of NOx is NO), 226 million tone ammonia NH₃ is used. Amount of NOx is so much . Elimination of NOx use much ammonia and natural gas. These decision give great damage for agriculture and fish industry, GDP and protection of global warming.

NOx îs eliminated by ammonia. Ammonia is produced by the reaction of nitrogen and hydrogen. Hydrogen is produced by the reaction of methane with water.

$$3H_2(6) + N_2 - - - > 2NH_3(34)$$

To make 400 mill tone H₂, 80000 mill t CH₄ is used. And 220 mill t CO₂ is produced.

$$CH_4$$
 (16) + 2 H_2O ———> 4 H_2 (8) + CO_2 (44)
8000 mill t 400 mill t 220 mill t

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Government of developed country asked the addition of ammonia to the exit gas of factory by the ratio of 400 mill tone NOx to 226.7 mill tone ammonia. Amount of NOx and ammonia is huge . Japan is keeping this arrangement most honestly. Then NOx concentration in exit gas of Japan is lowest 0.1 g/kWh, USA is 0.5 g/kWh, Germany 0.31 g/kWh and China, India, Indonesia (no NOx elimination country) are 1.6 g/kWh.. GDP ratio 2021/1991 USA is 3.2, Japan 1.1, Germany 4.3, Developed countries use much fossil to eliminate NOx The price of electricity is high and productive industry moved to developing countries. Developing countries increased GDP. 2021/1991 China 51.1,India 11.1. No NOx elimination country use NOx as fertilizer and getting much food and fixing all CO₂ produced at his country. GWPR of developed countries is over 1. Japan is 3.3. and criticized as carbon country.

If developed country stop the addition of ammonia to the exit gas, Consumption of 8000 million tone CH_4 can be saved. And emission of 220 million tone CO_2 can be saved. And 400 mill t x 25 = 10 billion t CO_2 can be fixed. Accordingly 220 mill t + 10 bill t = 10.22 billion tone CO_2 can be fixed. CO_2 em of developed countries is 10 billion tone. Therefore GWPR

 $(\text{CO}_2\text{em})/$ (CO_2fix) = 1. CO_2 increase is zero. 10.22 billion Tone CO_2 produce plant like wheat. CO_2 produce plant 2/3 30(1/6 of molecular weight of $\text{C6H}_{12}\text{O5}$) /44 Molecular weight of CO_2)) weight of his weight. Wheat contain 2/3 straw of his weight Wheat grain will be about 1/3 weight of plant. 10.22 billion Tone CO_2 can afford 10.22 billion x 30/44 x1/3 = 2.32 billion tone grain. 1kg wheat is 1.5 \$ 2.32 billion kg wheat is 3.48 billion \$. Therefore, if developed country do not eliminate NP. 2.32 billion Tone wheat. 3.48 billion\$ is produced. GDP will increase. Economy of developed country will become much better. And global warming will not happen

In Japan 125 million tone CO_2 and 1250x1/25=50 million tone NOx (90 % is NO) is produced. Recycle of nitrogen and phosphorous is necessary. If we stop the addition of ammonia and stop the supply of electricity to clean center. Then following damage will be recovered.

To eliminate NOx, 28.33 million tone NH₃ is used.

4 NO (molecular weight x4=120) + 4NH₃ (68) +
$$O_2$$
 ---> 4 N2 + 6 H₂O

50 mill t 28.33 mill t

To make 28.33 mill tone ammonia, 5 mill t hydrogen is used.

To make 5 mill t H₂, 10 mill t CH4 is used and 27.5 mill t CO₂ is produced

$$CH_4 (16) + 2 H_2O \longrightarrow 4 H_2 (8) + CO_2(44)$$
10 mill t 5 mill t 27.5 mill t

Japan is eliminating 50 mill t NOx by spending 10 mill t LNG emitting 27.5 mill t CO2.

If Japan do not eliminate NOx, Japan can fix $50 \text{ mill} \times 25 = 1250 \text{ mill}$ tone CO_2 . And Japan will not be blamed as Carbon countries.

 CO_2 grow plankton 2/3 of his weight (30 1/6 of molecular weight C6H12O5 /44 CO_2 molecular weight). Fish grow by eating 10 times of plankton. 10 bill t CO_2 fix mean 10x 3/4x1/10 = 7.5 bill kg fish production. Fish price is 2 \$ per kg. 2x 75 bill = 150 billion &. =1633 mill \$. But by the elimination of NOx, 150 billion \$ fish was not produced. Japan was producing 12 mill t fish and 4 mill t rice before 1980 at that time no elimination. By the elimination of NP only 4 million fishes were produced. Fisherman 388990 in 1963 decreased to 151700 in 2018. Country region is suffering from depression and depopulation. GDP does not increase since NP elimination has started. The elimination of NP influence not only warm up earth but also give significant bud influence on economy. The law to eliminate NOx by blow in ammonia to the exit gas and to eliminate NP in waste water should be eliminated sooner. If the law is eliminated and sufficient nitrogen is supplied, fish prediction will increase and GDP will increase. CO_2 produced at developed countries is around 10 billion tone. And around 10x 1/25 = 4 hundred million tone NOx is produced. To eliminate this NO (90% of NOx is NO), 226 million tone ammonia NH₃ is used.

Therefore I am proposing the plan to stop global warming by stopping the addition of ammonia to the exit gas (ref 50-59). But no company stop the addition of ammonia.

Because developed countries government set up unreasonable law. NOx should be zero at exit gas. If NOx is detected at exit gas, operation of factory is not possible. Therefore law forced to add ammonia and 50 million tone NOx is destroyed and plant cannot grow and production of fish and grain is reduced and GDP do not increase.

Author advice that the top persons of developed countries offer notice that you need not eliminate NOx. This notice will activate CO₂ assimilation and stop global warming.

If notice is presented at developed countries. developed country can stop addition of ammonia to the exit gas, Consumption of 8000 million tone CH_4 can be saved. And emission of 220 million tone CO_2 can be saved. And 400 mill t x 25 = 10 billion t CO_2 can be fixed. Accordingly 220 mill t + 10 bill t = 10.22 billion tone CO_2 can be fixed. CO_2 em (CO_2)

emission) of developed countries is 10 billion tone.GWPR (CO_2em)/ (CO_2fix) = 1. Therefore, CO_2 increase is zero minus 0.22 billion tone. 10.22 billion Tone CO_2 produce plant like wheat. CO_2 produce wheat plant 2/3 (30(1/6 of molecular weight of $C_6H_{12}O_5$) /44 Molecular weight of CO_2) weight of his weight. Wheat contain 2/3 straw of his weight Wheat grain will be about 1/3 weight of plant. 10.22 billion Tone CO_2 can afford 10.22 billion x 30/44 x1/3 = 2.32 billion tone grain. 1kg wheat is 1.5 \$ 2.32 billion kg wheat is 3.48 billion \$. Therefore, if developed country do not eliminate NP. 2.32 billion Tone wheat. 3.48 billion\$ is produced. GDP will increase. Economy of developed country will become much better. And global warming will not happen. This is a reason why I ask the elimination of law to inhibit law to force the addition of ammonia.

It is difficult to reduce CO_2 but it is easy to reduce GWPR by increase of CO_2 fix. To increase CO_2 fix, by increase of NP. To increase NP, just stop the elimination of NP is enought. Developing countries like China. India and Indonesia are using NOx and NP as fertilizer. CO_2 assimilation is promoted rapidly and production of agriculture and fish industry increased rapidly and GDP increase rate are high. On the contrary at developed country, CO_2 assimilation is inhibited and production of agriculture and fish industry is inhibited. Economic and social influence are immeasurable grate. We can compare developed country who doing NOx, NP elimination and developing countries who use NOx, NP as fertilizer. (ref 56-62)

4. Waste water clean center should be closed (ref 42-49)

Japan constructed 2200 waste water purification center to eliminate NP. Author investigated Yamazaki waste water purification center at Yamazaki, Kamakura in Japan (ref 38). This center cover 96881 persons. Water 98287 m3 containing Nitrogen 40 mg/l, Phosphorous 4.2 mg/l is treated by activated sludge process. Air is bubbled for ten hours to give water contains Nitrogen 7.5 mg/l ,Phosphorous 2.73 mg/l. Consuming 8841200kWh electricity. Population of Japan is 120 million.

This data showed that if Japan stop waste water clean center 44900 tone Nitrogen, 174 00 tone Phosphorus can work as fertilizer Phosphorous is eliminated in one day at this center. This data indicate $7.34x\ 120000000/\ 96881x\ 365=140$ million tone Nitrogen, 12.8 million tone Phosphorous can work as fertilizer in one year. 140x25=3200 million tone CO_2 is fixed and 3200 million tone plankton can grow and $3200x\ 1/10=3.5$ million = 35tone fish will be produced. By stopping of waste water purification center, consumption of $884100X\ 12000000000/\ 96881=110$ billion kWh electricity (100880/110=1.11% of total electricity consumption 1000880 kWh of Japan)is saved. For the generation of electricity, 59000 tone CH_4 is used. By stopping of waste water purification, baying of 590000 tone CH_4 become unnecessary and $590000\ x\ 3=1770000\ t\ CO_2$ emission will stop. Each house must pay waste water purification fee(about $30\$ in addition to water fee. If waste water clean center is closed, we need not pay waste water purification fee. If waste water purification is not done in Japan ,140x25=35 million tone CO_2 is fixed and 35 million tone plankton can grow and $35x\ 1/10=3.5$ million tone fish will be produced. Therefore waste water clean canter should be closed.

Phosphorous and nitrogen eliminations of the world will be 10 times of Japan. If developed countries stop the elimination of nitrogen and phosphorous by stopping of waste water purification center, 82950 tone fish will be produced. And 121660 tone CO_2 will be fixed.

- Nitrogen 3318x 10 = 33180 tone
- Phosphorous $318 \times 10 = 3180$ tone.
- Then $33180 \times 25 = 82950$ tone fish
- 82950 x 44/30. = 121660 tone CO₂

5. Develop countries should imitate China, and India

CO₂em (CO₂emission), NOx (NOx production), NOxcon (NOx concentration at exit gas), Dump (Wastewater dumping), Fixable CO₂, GWPR (global warming protection ratio),GDP (GDP ratio 2021/1991) of 13 countries are shown in table 1.(ref 50)

Developing countries like China, India, Indonesia do not do NOx, NP elimination . Therefore CO₂ assimilation is activated. GWPR is low China 1.0, India 0.76, Indonesia 0.3 and GDP ratio 2021/1991 is high China 51.1, India 11.1,

Developing countries do NOx,NP elimination.GWPR is high USA 0.53,Japan 3.3,Germany 2.2, UK 1.2,Italy 1.2 GDP ratio 2021/1991 is low USA 3.7,Japan 1.1,Germany 4.3,UK 3.3

In Japan 12 million fish was obtained before 1980. But since environment minister

started NOx elimination by ammonia and build clean center and fish production decreased to 4 million tone. This due do the decrease of nitrogen and phosphorous concentration. GWPR(CO_2 emission/ CO_2 fix) increased from 1.3 to 3.3. GWPR of China who producing 19.64 billion tone CO_2 and 0.4 billion tone NOx is 1. China is using 0.4 billion tone for producing 2.1 billion tone plankton and 85 million tone fish and large amount of grain. GDP ratio 2021/1991 is high as 51.1 India who producing 2.46 billion tone CO_2 and 0.1 billion tone NOx is using NOx, NP as fertilizer production of corn increased .GWPR is 0.76 GDP 2021/1991 is 11.1, Population increased from 0.3 billion to 1.4 billion. If development countries wish carbon neutral, CO_2 emiss= CO_2 fix, do not eliminate NOx, NP and release NOx and NP as it is.

Table 1 CO2em (CO2emission), NOx (NOx production), NOxcon (NOx concentration at exit gas), Dump (Wastewater dumping), Fixable CO2, GWPR (global warming protection ratio),GDP (GDP ratio 2021/1991) of 13 countries

Country	CO ₂ emit	NOx	NOxcon	Wdunp	FixabllCO ₂	GWPR	GDP
	Hmilt	Hmillt	g/kWh		Hills		2021/1991
World	510	16.5					
China	196.4	4.25	1.6	Do	100	1.0	51.1
India	24.6	1	1.6	Do	32	0.76	11.1
Indonesia	5.0	0.2	1.6	Do	19	0.3	
USA	51	2	0.5	No	95	0.53	3.7
Japan	12	0	0	No	3.8	3.3	1.1
Russia	19.6	0.63			32	0.61	
Germany	7.6	1.0	1.0	No	2.2	2.2	4.3
UK	4.0	0.16	1.3	No	2.4	1.2	3.3
Italy	3.5	0.14	0.5	No	3.0	1.2	
France	0.12			No	6.4	0.4	
Canal	5.6	0.22	1.3	No	199	0.06	
Iran	6.3	0.025			1.6	3.0	
Turky	4.0	0.16			7.6	0.5	

Developed countries can get 174.4 billion \$, by stopping NP elimination and can get high GDP and GDP ratio 2021/1991 will increase as China.

Not only elimination of NOx and NP are promoting global warming, but also retarding development of countries and industry. Japan government consider that ammonia as a substance that do not produce CO_2 and using ammonia to eliminate NOx. CO_2 produced in Japan is 1.25 billion tone. NOx produced in Japan is 1/25 of 1.25 billion tone, 50 million tone. Japan is eliminating 20 times of synthetic fertilizer 2.5 million tone. Japan official are trying to make zero generations of CO_2 . And trying to reduce CO_2 by many method.

6. Heat absorption by CO₂ assimilation can stop global warning(Ref 29)

On earth 140 billion tone fossil fuel is burned and CO^2 3.6 $\times 10^{10}$ t was produced. And 7.4 $\times 10^{15}$ kcal is produced. When we consider the heat produced by animal respiration, 7.4 $\times 10^{15}$ kcal $\times 4.6/3.6 = 9.45 \times 10^{15}$ kcal is produced.

The earth is also warmed by the heat of atomic energy. Uranium produce 2×10^{15} kcal heat. Electricity generation capacity of the world is 16868 Tetra watt h. Electricity generation by atomic energy is 2086 Tetra watt h. Therefore, 7.4 \times 10¹⁵ x 2986/ 10868 = 2.02x 10¹⁵ kcal evolved by atomic energy.

The earth is also warmed by the heat evolved by animal. Human being eat 1000 kcal food every day and release heat 1000 kcal every day. Population of the world is 7.6 billion. Therefore, human being is releasing $1000 \times 365 \times 76 \times 10^9 = 2.8 \times 10^{16}$ kcal in one year. Animal other than human being, caw, bird, whales, seal are producing heat. We can estimate as same as human being 2.8×10^{16} kcal. Therefore, total heat is fossil burning produce 7.4×10^{16} kcal, atomic energy produce 2.0×10^{15} kcal. Human being produce 2.8×10^{16} kcal. Other animal produce 2.8×10^{16} kcal

Total heat produced is $(7.4+0.202+2.8+2.8) \times 10^{16}$ = 13.002×1016 kcal. We must absorb 13.002×10^{16} kcal by CO₂ assimilation. CO₂ 1 mole 44g and water 18 g absorb 114 kcal sun's heat to carbohydrate and 32 g oxygen. If 51 billion t, 5.1×10^{16} g CO₂ do CO₂ assimilation, $114 \times 5.1 \times 10^{16}$ /44= 13.136×10^{16} kcal can be absorbed. Heat production 13.002×10^{16} kcal is almost same as heat absorption 13.136×10^{16} kcal.

 CO_2 assimilation must be promoted by stopping of NOx elimination and by stopping waste water purification. By stopping NOx elimination. 1.44 billion tone NOx can fix 14,4x 25= 36.0 billion tone CO_2 . Amount of N.P in drainage is around 0.5 billion tone. By using this 0.5 billion tone N.P, we can fix 0.5x 25= 12.5billion tone CO_2 . By adding 36.0 + 12.5= 48.5 billion tone CO_2 can be fixed. And we can absorb 13.1 x CO_2 10 kcal. And earth can keep comfortable temperature. Heat absorption by CO_2 assimilation is essential to lower earth temperature.

7. Dead lock and possible method to solve this dead lock

It is clear that Global warming can be stopped by stopping of addition of ammonia to the exit gas. Bur no company company stop the addition of ammonia to the exit because law forced to add ammonia to eliminate NOx and global warming is in progress

The author offered petition (ref 62) to Tokyo high court (Petition Reiwa 5 gyou ko 228 defendant environment minister, Akihiro Nishimura) to extinguish two Law to eliminate NOx, Law to eliminate NP

But this petition was rejected without arguments by the reason this is not low dispute defined by law 3 jou 2 kou.

Every factories must put ammonia to the exit gas and global warming is continuing.

I am offering this paper. I wish to tell to the official that stop of NOx, NP elimination and complete use of nitrogen and phosphorus as fertilizer is essential to protect global warming. I expect government official read my papers (ref 7,21,29,57,47,51-61) seriously and ask Kishida Fumio ,prime mister of Japan to offer the notice that you need not put in ammonia to the exit gas. We do not stop factory ,if NOx is detected in exit gas , we do not ask the stop of factory. This notice should be issued sooner. When this note is issued , addition of ammonia will not be done. NOx elimination will be not done. We can stop global warming and can get much food and can be rich country.

Author is submitting this paper, hoping clever official read this paper or mass comm read this paper or opposition party use this and majority know that stop of NOx NP elimination is easy method to stop global warming.

8. Conclusion

Stopping of ammonia addition to eliminate NOx and stopping of water clean center are easy method to stop global warming . Let stop NOx, NP elimination and let stop global warming and let produce much food and let make rich countries

Compliance with ethical standards

Acknowledgments

I wish to acknowledge Dr Ryoichi Itou Head Editor of Rikuryou Science for Calculation of CO2, NOx,fish, grain production. I acknowledge Late Dr Okazaki Minoru (Head of Research Laboratory, Kurita Industry, He was my most intimate friend since 1947. He developed the methods to make clean water and clean air. He gave me precious informations to write papers. I also acknowledge the editors of New Food Industry [ref 1,17,35,46,55], Eur J Exp Biol [ref 7], International J of Waste Resources [ref 16.19], International J of Earth Sciences and Biology[ref 29]who advised me to write papers without asking any publication fees.

References

- [1] Shoichiro Ozaki Recycle of nitrogen and phosphorous for the increase of food production. New Food Industry 1993 35, No 10 33-39.
- [2] Shoichiro Ozaki. Methods to protect global warming. Adv Tech Biol Med. 2016, 4. 181
- [3] Shoichiro Ozaki. Methods to protect global warming, Food production increase way. New Food Industry 2016 58 No 8 47-52.
- [4] Shoichiro Ozaki. Global warming can be protected by promotion of CO₂ assimilation using NOx. Journal of Climatology & Weather Forecasting 2016 4.2 1000171.
- [5] Shoichiro Ozaki. Global warming can be protected by promotion of plankton CO₂ assimilation. Journal of Marine Science: Research & Development 2016 6. 213.
- [6] Shoichiro Ozaki Method to reactivate fish industry. New Food Industry 2017 59 No 3 61-70.
- [7] Shoichiro Ozaki. NOx is Best Compound to Reduce CO₂. Eur J Exp Biol. 2017, 7:12.
- [8] Shoichiro. Ozaki Protection of global warming and burn out of fossil fuel by promotion of CO₂ assimilation. J. of Marine Biology & Oceanography 2017, 6:2.
- [9] Shoichiro. Ozaki Promotion of CO₂ assimilation supposed by NOx is best way to protect global warming and food production. Artiv of Pet-Envilron Biotechnol 2017 02.110.
- [10] Shoichiro Ozaki. Promotion of CO_2 assimilation supported by NOx is best way to protect global warming. J. Marine Biol Aquacult 2017 vol 3. Issue 2.
- [11] Shoichiro Ozaki. Stopping of NOx elimination is easy way to reduce CO₂ and protect global warming. J. Environ Sci Public Health 2017:1 (1) 24-34.
- [12] Shoichiro Ozaki. Stopping of NOx elimination is clever way to reduce CO₂ and to increase fish production. J. of Cell Biology 6 Immunogy 2017 1e 102.
- [13] Shoichiro Ozaki Effective uses of NOx and drainage are clever way to protect global warming and to increase fish production. Oceanography & Fisheries 2017 4(4).
- [14] Shoichiro Ozaki. NOx Elimination and Drainage NP Elimination should be stopped for the production of fish and for the protection of global warming. J. of Fisheries and Aquaculture Development 2017 issue 05 125.
- [15] Shoichiro Ozaki. Let's enjoy civilized life using limited amount of fossil fuel Journal of Aquaculture & Marine Biology 2017 6 (3) 06 00158.
- [16] Shoichiro Ozaki Method to fit Paris agreement for protection of global warming. International Journal of Waste Resources 2017 7-4 318 doi: 10.4172/2252-5211.1000318.
- [17] Shoichiro Ozaki. Method to protect global warming and to produce much fish by promotion of plankton growth. New Food Industry 2018 60 no3 88-94.
- [18] Ozaki Shoichiro. Method to protect global warming by promotion of plankton CO₂ assimilation. Rikuryou Science 2018 61 23.
- [19] Shoichiro Ozaki. Effect of NOx elimination on electricity price, fish production, GDP and protection of global warming. International J of Waste Resources 2018 8 issue 1 1000328 doi:10.4172/2252-1000328.
- [20] Shoichiro Ozaki. How to fix carbon dioxide same amount as emission for the protection of global warming. Research & Development in Material Science 2018 vol 3 issue 5.
- [21] Shoichiro. Ozaki Stop of NOx elimination and stop of wast water purification are easy methods to protect global warming. J of Immunology and Information Diseases Therapy 2018 1 1 doi.org/06.2018/1.10006.
- [22] Shoichiro Ozaki. Climate can be regulated by effective use of NOx and wastewater NP. 2018 Biomedical Research and Reviews volume 1.1.
- [23] Shoichiro Ozaki. Promotion of Plankton CO₂ assimilation by effective use of NOx and NP is best method to produce much fish and protect global warming. 2018 J of Marine Science Research and Oceanography Volume 1 issue 1. 1 doi:10.4172/2155-9546-c1-022.

- [24] Shoichiro Ozaki. Promotion of plankton CO₂ assimilation by NOx is best way to protect global warming and to get best climate. International J of Earth and environmental Science 2018 3 160.
- [25] Shoichiro Ozaki. Promotion of plant growth by NOx is best method to reduce CO₂ and to protect global warming. Current Trends in Oceanography and Marine Science 2018 01 1-4.
- [26] Shoichiro Ozaki. Fish is best food to get anti-aging and long life. NOx elimination should be stopped to produce much fish and to protect global warming Jacobs Journal of physiology 2018 4.1 017
- [27] Shoichiro Ozaki. Fish is Best Food to Get Anti-Aging and Long Life. J of Aging and Neuropsychology 2018 issue 2 1-6 DOI: http:://dx.doi.org/10.20431/2454-7670.0501001.
- [28] Shoichiro Ozaki. NOx and NP in waste water fix CO₂ and control global warming and climate. International J of Biochemistry and Physiology 2018 3 (4) doi: 10.23880/ijbp-16000140.
- [29] Shoichiro Ozaki. The effect of of increase of NOx and CO₂ on grain and fish production, protection of global warming and climate. International Journal of Earth Science and Geology 2019 1(1) 6-10.
- [30] Shoichiro Ozaki. Complete use of NOx and NP is essential for the increased production of food and protection of global warming. Inter. J. Innovative Studies in Aquatic Biology and Fisheries 2019 3 (1) 1-6.
- [31] Shoichiro. Ozaki. Why global warming is progressing. Promotion of CO₂ assimilation is best method to protect global warming. Rikuryou Science 2019 62 16-18.
- [32] Shoichiro Ozaki Complete use of NOx and NP is essential for the increased production of food and protection of global warming. Inter.J. Innovative Studies in Aquatic Biology and Fisheries 2019 3 (1) 11-15
- [33] Shoichiro Ozaki. Increase of CO₂ and NOx promote CO₂ assimilation, CO₂ fix and food production. Advances in Bioengineering & Biomedical Science Research 2019 2 issue 3 1-6.
- [34] Shoichiro Ozaki. Promotion of CO₂ assimilation by effective use of NOx and NP is best method to produce much fish and protect global warming. EC Agriculture 2019 5: Issue 8, 492-497.
- [35] Shoichiro Ozaki. Why fish production of Japan decreased. Why global warming is progressing. New food Industry 2019 Vol 61 No 10 787-793.
- [36] Shoichiro Ozaki. In pure water no fish can live. Water purification promote global warming, decline of countries. Rikuryou Science 2020 63 24-29.
- [37] Shoichiro Ozaki. NOx elimination and NP elimination are promoting global warming. EC Agriculture 2020 6.1 1-8.
- [38] Shoichiro Ozaki. Purification of water and air is promoting global warming and country decline. Journal of Marine Science and Oceanography 2020 3 issue 1 1-4.
- [39] Shoichiro Ozaki Relation of London Dumping Convention and Global Warming. If Developed Countries stop NP and NOx Elimination, CO_2 Assimilation Increase and Global Warming Will Stop. International J of Pollution Research 2020 3 115-119.
- [40] Shoichiro Ozaki. Global warming will stop, if developed countries stop NOx and NP elimination. J. of Environmental Sci. Current Research 2020 3.022.
- [41] Shoichiro Ozaki. Stopping of NOx, NP Elimination at developed countries is easy method to protect global warming. J Bacteriology and Myology 2020 7 (4) 1137.
- [42] Shoichiro Ozaki. In pure water no fish can alive. Water purification promote global warming and decline region and countries. New Food Industry 2020 62 (8) 615-620.
- [43] Shoichiro Ozaki. Promotion of recycle of carbon, nitrogen and phosphorous is essential for protection of global warming and increase of national wealth. American J of humanities and Social Science 2020 Vol 5 Page 01:13.
- [44] Shoichiro Ozaki. Stopping of NOx and NP elimination at developed countries is essential for the promotion of food production and protection of global warming. J of Soil Science and Plant Physiology 2020 2 (2) 1-10.
- [45] Shoichiro Ozaki. Promotion of CO₂ assimilation by stopping NOx, NP elimination is best method to produce much food and to protect global warming. American J of Engineering, Science and Technology 2020 vol 5 1-15.
- [46] Shoichiro Ozaki. Stopping of NOx,NP elimination is easy method to protect global warming. J of Research in Environmental and Earth Science 2020 6 issue 6 12-21.

- [47] Shoichiro Ozaki. Method to protect global warming to fit Paris agreement and to enrich the countries. Rikuryou Science 2021 64 32-38.
- [48] Shoichiro Ozaki Method to protect global warming and to get long life International Journal of Clinical Case Reports 2020; 8(2) 002-16 DOI: 10.46998//IJCCR.2020.08.000182
- [49] Shoichiro Ozaki Aquaculture of plankton and fish by fertilizer is best way to protect global warming Acta Scientific Biotechnology 2021 2.1 13-22
- [50] Shoichiro Ozaki Promotion of CO₂ assimilation by NOx,NP is easy method to protect global warming to get high GDP Open access Research J of Biology and Pharmacy 2021 02 (02)063-086 Article Doi: https://doi.org/10.53022/oarjbp.2021.2.2.0047
- [51] Shoichiro Ozaki Promotion of CO₂ assimilation by sufficient supply of nitrogen and phosphorous is easiest method to fit Paris agreement and to protect global warming and to get national wealth International Journal of Science and Research Archive, 2021,04(01),092-105 Article Doi:https://doi.org/10.30574/ijsra.2021.4.1.0187
- [52] Shoichiro Ozaki.Stop NOx,NP elimination and promotion of CO₂ assimilation will stop increase of CO₂ and fit Paris agreement and increase food and enrich country. Rikuryou Science 2022 65 37-47
- [53] Shoichiro Ozaki Recycle of nitrogen, phosphorous is essential for protection of global warming. World J of Advanced Science and Technology 2022, 01(01),015-030
- [54] Shoichiro Ozaki Method to achieve carbon neutral and to fit Paris agreement and to protect global warming. World J of Advanced Science and Technology 2022,02(01)022-031
- [55] Shoichiro. Ozaki Sure method to protect global warming and to increase GDP New Food Industry 2022 64(12) 799-802
- [56] Shoichiro Ozaki Environmental measures inhibit CO₂ assimilation, inhibit food production, make worse economy and promoting global warming GSC Advanced Research and Reviews, 2022, 13(02), 245–257
- [57] Shoichiro Ozaki Environmental measures, inhibit food production, make worse economy and promoting global warming Rikuryou Science 2023 66 35-42.
- [58] Shoichiro Ozaki Stopping of NOx, NP elimination is easiest method to stop global warming. International Journal of Scientific Research Updates 2023 05(01).067-078
- [59] Shoichiro Ozaki Promotion of CO₂ assimilation by stopping of NOx, NP elimination is easy method to stop global warming and to growth International Journal of Science and Research Archives 2023 08(02),295-304
- [60] Shoichiro Ozaki NOx should be recycled by stoping of NOx elimination by ammonia. Waste water purification center should be closed GSC Advanced Research and Reviews 2023,15(02),113-120
- [61] Shoichiro Ozaki NOx eliminations of developed countries induced global warming. Let stop NOx and NP elimination and stop global warming and get much food and rich country. Rikuryou Science in press
- [62] Shoichiro Ozaki Abolition of two law Petition Reiwa 5 gyou ko 228 defendant Akihiro Nishimura environment minister
- [63] K. F. Boersma, H. J. Eskes, E. W. Meijer, and H. M. Kelder Estimates of lightning NOx production from GOME satellite observations Atmos. Chem. Phys. 2005, 5, 2311–2331, www.atmos-chem-phys.org/acp/5/2311/ SRef-ID:
- [64] Allen, D. J. and Pickering, K. E.: Evaluation of lightning flash rate parameterizations for use in a global chemical transport model, J. Geophys. Res., 2002 107, 4711, doi: 10.1029/2002JD002066
- [65] Beirle, S., Platt, U., Wenig, M., and Wagner, T.: NOx production by lightning estimated with GOME, Adv. Space Res. 2004,34, 793–797
- [66] Boccippio, D. J.: Lightning Scaling Relations Revisited, J. Atmos. Sci. 2002, 59, 1086–1104