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Review Article

Promotion of CO_2 Assimilation by Stopping of Nox, NP Elimination is Easy Method to Stop Global Warming and to Get Fish for Long Life

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Abstract

Stop NOx elimination by ammonia. Stop water clean centre. Abandon bonfire inhibition rule These 3 items are essential to promote CO_2 assimilation to stop global warming stop. By increasing the supply of nitrogen and phosphorous, we can get many fish. Eat Iriko (boiled and dried sardine) containing hyaluronic acid. For long life. By ocean dumping of radioactive substance, we can do nuclear fusion and human being will be able to live ten thousand years.

Keywords: NOx, NOx Elimination by ammonia, NP elimination, Water clean centre, Iriko, Anti-aging, Long life

Introduction

Since the decision of developed countries to eliminate NOx by ammonia, global warming started.

The elimination of NOx and NP from the wastes induced the global warming. Author asked the promotion of CO_2 assimilation to stop global warming by stopping NOx and NP elimination in his 64 papers [1-64]. The authors believes that activation of CO_2 assimilation is the best method to reduce CO_2 and best method to stop global warming

i. To promote CO_2 assimilation. We must increase fertilizer. NOx is a safe and readily available nitrogen fertilizer Nitrogen and phosphorous in wastewater are easily obtainable nitrogen, phosphorous fertilizer. We must increase the concentration of nitrogen and phosphorous. We must increase NOx.

ii. Stopping of NOx elimination can stop global warming

iii. Stopping the NP elimination center can decrease global warming and increase food production

iv. Heat absorption by CO_2 assimilation can stop global warming [63].

The decrease in CO_2 assimilation is caused by stopping NOx and NP elimination. Stopping NOx and NP elimination will give enough CO_2fix global warming will stop, and production of enough food and rich countries will be possible.

Nox Is Safe and Suitable Fertilizer to Produce Food [7]

NOx is hated as a pollution gas causing illness. Many governments misunderstood the usefulness of NOx and set up stringent laws to eliminate NOx in burned gas. They were forced to eliminate NOx using ammonia. This action caused global warming. Author has insisted that NOx elimination should be stopped. Because the toxicity of NOx is not so severe compared with the significant merit of NOx. NOx is essential for promoting CO_2 assimilation for plants to grow and produce food. Thunder produces NOx from N_2 and O_2. About 4 million thunders in one day, about 30x106t NOx is produced by thunder in one year, and about 20–80% of NOx is produced by thunder worldwide. The year of many thunders gives a good harvest. This fact is written in *Kojiki*, a 1300 -year-old history book in Japan. Thunder in Japanese character Kaminari rain

top on ta (field) bottom. Lightning in Japanese characters Inazuma, derived from Ine (rice plant) and Tsuma (wife). Both are as precious as life. Heavy snow (2-3m) fell in Hokuriku district, Japan, and produced thunder. This produces much NOx. The concentration of nitrogen in the snow-melted river is high. Toyama Bay produces plankton, fish, crab, and shrimp. Ishikawa prefecture produces rice, and Niigata prefecture produces delicious rice Koshihikari. Author buys fish and rice from Niigata Prefecture and meat from Ishikawa Prefecture.

When something is burned, NOx is produced. NOx is a mixture of 90 % NO and 10% NO_2. NOx is dissolved in rain, gives nutrient nitric acid, and promotes the growth of plants and plankton. In Japanese coastal areas, snow falls. Moreover, near the sea, Gulf Toyama (Toyamawan) and the surrounding sea are rich in nutrient N from thunder produced NOx and filled with plankton, producing many yellow tails (Buri); therefore, thunder is called Buriokoshi (yellow tai producer). No report as to the severe sickness and dead person caused by NOx is reported. NOx released at no person's district, such as the seaside far from the house, does not cause severe damage to persons. NOx is essential for the growth of plants, the production of food, and all living forms on the earth. One NOx can fix 25 CO_2. One NOx can produce 25 plankton.

Promoting CO_2 Assimilation by Stopping NOx and NP Elimination is the Best Method to Reduce CO_2 to Stop Global Warming and get More Food

In around 1980, seven developed countries had a conference to eliminate NOx by inserting ammonia because NOx is toxic.

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

This decision induced global warming. This reaction stops the recycling of nitrogen. This reaction retard CO_2 assimilation and stop. CO_2 fixes and produces global warming. When seven developed countries proposed a NOx elimination plan, the Japanese government accepted this NOx elimination plan by making a law to eliminate NOx at all factories. Moreover, the government can stop the factory if NOx is detected at the exit gas. All factories in Japan put ammonia into exit gas, and NOx (around 50 million tons) was eliminated. Then, the concentration of nitrogen 1.2mg/L in rain becomes zero. The concentration of nitrogen decreased remarkably. Fish production in Japan decreased from 12 million tons to 4 million tons per year. Nori (edible seaweed) production at Seto inland sea stopped. Silasu (whitebait) production in Shizuoka Prefecture decreased remarkably. In 2008, Japan built 1,320 garbage incinerators equipped with ammonia insertion. The Kamakura Nagoe Clean Center is burning 30 thousand tons of garbage, and forty-five thousand tons of CO_2 is released. This exit gas contains NOx, and 40.94kg of ammonia is used. 40,94 x 30/17=72.24kg NO (molecular weight of NO/molecular weight of NH_3) is eliminated. The population of Kamakura is 172,000, and the population of Japan is 120,000,000. 72.24x120,000,000/172,000=50,400 kg NO is eliminated in Japan. Ikanago (infant sandeel) production at Hyogo Prefecture was 7,000 tonnes before 1990. It decreased to 200 tonnes after 2010. CO_2 produced in developed countries is around 10 billion tons. Moreover, 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. The amount of NOx is enormous. Elimination of NOx uses much ammonia and natural gas. These decisions cause significant damage to the agriculture and fish industry, GDP, and protection against global warming. NOx is eliminated by using ammonia. The reaction of nitrogen and hydrogen produces ammonia. The reaction of methane with water produces hydrogen.

$$4 NO (120) +4NH_3(68) +O_2 \rightarrow 4 N_2+6 H_2O$$

400 mill t 226.7 mill t

To make 226.2 mill t NH_3, 400 mill t H_2 is used.

$$3H2 (6) +N_2 ————> 2NH_3(34)$$

To make 400 mill tone H_2, 80000 mill t CH_4 is used. Furthermore, 220 mill t CO_2 is produced.

$$CH_4 (16) +2H_2O (36) ————> 4H_2(8) +CO_2 (44)$$

8000 mill t 400 mill t 220 mill t

The governments of the developed countries asked for the addition of ammonia to the exit gas of the factory by the ratio of 400 mill tone NOx to 226.7 mill tone ammonia. The amount of NOx and ammonia is vast. Japan is keeping this arrangement most honestly. Then NOx concentration in the exit gas of Japan is lowest at 0.1g/kWh, USA is 0.5g/kWh, Germany is 0.31g/kWh, and China, India, and Indonesia (no NOx elimination country) are 1.6 g/kWh. GDP ratio 2021/1991: the USA is 3.2, Japan 1.1, and Germany 4.3; developed countries use many fossil fuels to eliminate NOx. The price of electricity is high, and productive industries moved to developing countries. These countries increased their GDP. 2021/1991 China 51.1, India 11.1. No NOx elimination country uses NOx as fertilizer gets much food, and fixes all CO_2 produced in his country. GWPR of developed countries is over 1. Japan is 3.3. and criticized as a "carbon country". Therefore, the CO_2 increase is zero. 10.22 billion tons of CO_2 produces plants like wheat. CO_2 produce plant 2/3 30(1/6 of molecular weight of C_6 H_2O O_6) /44 Molecular weight of CO_2)) weight of his weight. Wheat contains 2/3 straw of its weight. Wheat grain will be about 1/3 the weight of the plant. If developed countries stop adding ammonia to the exit gas, the consumption of 8,000 million tons of CH_4 can be saved. Moreover, the emission of 220 million tons of CO_2 can be saved. Moreover, 400 million tx25 =10 billion t CO_2 can be fixed. Accordingly, 220 mill t +10 bill t =10.22 billion tone CO_2 can be fixed. The CO_2em of developed countries is 10 billion tons. Therefore, GWPR (CO_2em)/ (CO_2fix) =1. CO_2 increase is zero. 10.22 billion tons of CO_2 produces plants like wheat. CO_2 produces plant 2/3 30 (1/6 of molecular weight of $C_6H_{12}O_5$) /44 Molecular weight of CO_2)) weight of their weight. Wheat contains 2/3 straw in its weight. Wheat grain will be about 1/3 the weight of the plant. 10.22 billion Tone CO_2 can afford 10.22 billion x 30/44 x1/3=2.32 billion tone grain. One kg of wheat is 1.5 $, and 2.32 billion kg of wheat is 3.48 billion $. Therefore, if developed countries do not eliminate NP. 2.32 billion tone wheat valuing to 3.48 billion $ is produced. GDP will increase. Developed countries' economies will improve, and global warming will not happen.

Japan produced 12 million tons of fish and 4 million tons of rice before 1980, when NP was not eliminated. With the elimination of NP, only 4 million tons of fish were produced. Therefore, author is proposing a plan to stop global warming by stopping the addition of ammonia to the exit gas [50-59]. However, no company stops the addition of ammonia, because developed countries' governments set up unreasonable laws: NOx should be zero at exit gas. If NOx is detected at the exit gas, factory operation is impossible. Therefore, the law forced the addition of ammonia to destroy 50 million tons of NOx, and plants could not grow by the shortage of the nitrogen sources. Production of fish and grain is reduced, and GDP does not increase. Author advises that diminishing the law or top persons of developed countries offers notice that people need not eliminate NOx. Law elimination or notice will activate CO_2 assimilation and stop global warming. This is why author is asking to eliminate the law that forces the addition of ammonia. It is not easy to reduce CO_2, it is, however, simple to reduce GWPR by increasing the CO_2 fixation. An increase of CO_2 fix is possible by an increase of NP. To increase NP, stopping the elimination of NP is enough. Developing countries like China, India, and Indonesia use NOx and NP as fertilizer. CO_2 assimilation is promoted rapidly, the production of agriculture and the fish industry has increased rapidly, and the GDP increase rate is high. On the contrary, NOx and NP elimination is inhibited in developed countries. CO_2 assimilation decreased. Production of agriculture and fish industry decreased. Economic and social influence are immeasurable significant. We can compare developed countries doing NOx and NP elimination and developing countries using NOx and NP as fertilizer [56–64].

This NOx eliminating reaction has five detrimental disadvantages:

i. This reaction eliminates NOx, a necessary compound for CO_2 assimilation. 0.4 billion tones (developed country), 0.05 billion tones (Japan)

ii. A large amount of CH_4 is necessary to synthesize hydrogen for ammonia. 0.8 billion tones (developed countries), 10 million tonnes (Japan) of CH_4 are necessary

iii. A large amount of CO_2 is produced to produce hydrogen. 220 million tone (developed country) 27.5 million tone (Japan) CO_2 is produced.

iv. Electricity price increase as USA 12 c/kWh Japan 12, Germany 35, UK 15.4, Italy 28 Developing countries China 1.6-4.5, India 6, Indonesia 10.

v. Food production decreases due to the decrease in CO_2 assimilation. Japan's food production ratio decreased from 100% to 37 %. Fish production in Japan decreased from twelve million tons (1980) to 4 million tons (2000). Rice production decreased from 8 million tons to 4 million tons.

The CO_2 produced in developed countries is around 10 billion tons. Moreover, around 10x1/25=4 hundred million tone NOx is produced. The government of the developed country asked for the addition of ammonia to the exit gas of the factory by the ratio of 400 mill tone NOx to 226.7 mill tone ammonia. The amount of NOx and ammonia is enormous. Japan is keeping this arrangement most honestly. Then NOx concentration in the exit gas of Japan is lowest at 0.1g/kWh, USA is 0.5g/kWh, Germany is 0.31g/kWh, and China, India, and Indonesia (no NOx elimination country) are 1.6g/kWh. GDP ratio 2021/1991: the USA is 3.2, Japan 1.1, and Germany 4.3; developed countries use many fossil fuels to eliminate NOx. The price of electricity is high, and productive industries moved to developing countries. Developing countries increased GDP. 2021/1991 China 51.1, India 11.1. No NOx elimination country uses NOx as fertilizer gets much food, and fixes all CO_2 produced in his country. GWPR of developed countries is over 1. Japan is 3.3. If developed countries stop NOx and NP elimination, developed countries' economies will improve. Furthermore, global warming will not happen. Japan is eliminating 50 mill t NOx by spending ten mill t LNG emitting 27.5 mill t CO_2. If Japan stops eliminating NOx, Japan can fix 50 mill x25=1250 mill tone CO_2.

CO_2 grows plankton 2/3 of its weight (30 1/6 of molecular weight $C_6H_{12}O_5$ /44 CO_2 molecular weight). Fish grow by eating ten times the plankton. 10 bill t CO_2 fix mean 10x 3/4x1/10=7.5 bill kg fish production. The fish price is 2 $ per kg. 2x 75 bill=150 billion &. =1633 mill $. However, by eliminating NOx, 150 billion $ fish were not produced. Japan produced 12 million fish and four million races before 1980 at that time there was no elimination. With the elimination of NP, only 4 million fish were produced. Fisherman population decreased keenly 388,990 in 1963 to 151,700 in 2018. The countryside region is suffering from depression and depopulation. GDP has not increased since NP elimination started. The elimination of NP influence not only warms up the earth but also significantly influences the economy. The law to eliminate NOx by blowing in ammonia to the exit gas and eliminating NP in wastewater should be eliminated sooner. If the law is eliminated and sufficient nitrogen is supplied, fish prediction and GDP will increase. CO_2 produced in developed countries is around 10 billion tons. Furthermore, around 10x1/25=4 hundred million tone NOx is produced. To eliminate this NO (90% of NOx is NO), 226 million tone ammonia NH_3 is used.

Author is proposing a plan to stop global warming by stopping the addition of ammonia to the exit gas [50-59]. Nevertheless, no company stops the addition of ammonia. Because developed countries' governments set up unreasonable laws, NOx should be zero at exit gas. If NOx is detected at the exit gas, factory operation is impossible. Therefore, the law forced the addition of ammonia, and 50 million tons of NOx were destroyed, and plants could not grow. Production of fish and grain is reduced, and GDP does not increase. Author presented a petition to eradicate the NOx elimination law. Nevertheless, his petition was rejected without argument because global warming protection is not a legal dispute [60]. Therefore, author is asking this nominator for the Nobel Prize to know if his method is fit. Moreover, he wishes to let the people to know the disadvantage of NOx elimination via public or mass communications.

Wastewater Clean Facilities Should be Closed [42-49]

Japan constructed 2,200 wastewater purification facilities to eliminate NP. Author investigated the Yamazaki wastewater puri-

fication centre at Yamazaki, Kamakura, in Japan [38]. This centre covers 96,881 persons. The water of 98,287 m^3 containing nitrogen 40mg/l and phosphorus 4.2mg/l is treated by an activated sludge process. Air is bubbled for ten hours to give water containing nitrogen 7.5mg/l and phosphorous 2.73mg/l. They are consuming 8,841,200kWh of electricity. The population of Japan is 120 million. This data showed that, if Japan stop wastewater clean activity, 44,900 tone Nitrogen and 17,400 tone Phosphorus can work as fertilizer. Phosphorous is eliminated in one day at this centre. This data indicates 7.34x120,000,000/96,881x365=140 million tone Nitrogen, 12.8 million tonnes Phosphorous can work as fertilizer in one year. 140x25=3,200 million tone CO_2 is fixed, and 3,200 million tone plankton can grow and 3,200 x 1/10=3.5 million=35tone fish will be produced. By stopping the wastewater purification centre, consumption of 884,100x12,000,000,000/96,881=110 billion kWh electricity (100,880/110=1.11% of total electricity consumption 1,000,880 kWh of Japan) is saved. For the generation of electricity, 59,000 tons of CH_4 are used. By stopping wastewater purification, baying of 590,000 tone CH_4 becomes unnecessary, and 590,000x3=1,770,000 t CO_2 emission will stop. Each house must pay a wastewater purification cost (about 30 $) and a water fee. The people need not pay the wastewater purification fee if the wastewater cleaning center is closed. If wastewater purification is not done in Japan, 140x25=35 million tone CO_2 is fixed, 35 million tone plankton can grow, and 35x1/10=3.5 million tone fish will be produced. Therefore, the wastewater clean canter should be closed.

Phosphorous and nitrogen eliminations in the world is estimated to be ten times of that of Japan. If developed countries stop the elimination of nitrogen and phosphorous by stopping wastewater purification centres, 82,950 tone fish will be produced. Moreover, 121,660-tone CO_2 will be fixed. It is not easy to reduce CO_2, but reducing GWPR by increasing the CO_2 fix is straightforward. To increase CO_2 fixation, by the increase of NP concentration in the environment. To increase NP, stop the elimination of NP. To increase N and P, stop the elimination of NP. Developing countries like China, India, and Indonesia use NOx and NP as fertilizer. CO_2 assimilation is promoted rapidly, the production of agriculture and the fish industry has increased rapidly, and the GDP increase rate is high. On the contrary, CO_2 assimilation is inhibited in developed countries, and agriculture and fish industry production is inhibited. Economic and social influence is immeasurable significant. People can compare developed countries doing NOx and NP elimination and developing countries using NOx and NP as fertilizer [56,57].

GDP, GWPR (CO_2em/ CO_2fix) Comparison of NOx, NP Elimination Countries and no NOx NP Elimination Countries

Developed countries can get 174.4 billion$, by stopping NP elimination and getting high GDP, and the GDP ratio 2021/ 1991 will increase as China. Not only does the elimination of NOx and NP promote global warming, but also retarding the development of countries and industries. Japan's government considers ammonia a substance that does not produce CO_2 and uses ammonia to eliminate NOx. CO_2 produced in Japan is 1.25 billion tons. NOx produced in Japan is 1/25 of 1.25 billion tones, 50 million tonnes. Japan is eliminating 20 times the synthetic fertilizer, 2.5 million tons. Japan officials are trying to make zero generations of CO_2 and to reduce CO_2 by many methods (Table 1).

Table 1: CO_2em (CO_2 emission), NOx (NOx production), NOxc (NOx concentration at exit gas), Dump (Wastewater dumping), Fixable CO_2, GWPR (global warming protection ratio), GDP (GDP ratio 2021/1991) of 13 countries.

Country	CO_2 emit	NOx	NOxcon	W dunp	FixabllCO_2	GWPR	GDP
	Hmilt	Hmillt	g/kWh		Hills		2021/1991
World	510	16.5				1.3	
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	1.2	
France	0.12			No	6.4	0.4	
Canada	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	

Prediction of GWPR After Stopping NOx, NP Elimination

If developing countries stop the elimination of NOx, NOx concentration increased to 1.6g/kWh to bring about the active CO_2 assimilation. CO_2fix will increase. GWPR will decrease from 1.3 to 1, as shown in Table 2 [63]. Fish production will increase. Grain production will also increase.

GWPR=CO_2emi/ CO_2fix=1 Carbon neutral

Author concludes that by stopping NP elimination, developed countries can get 174.4 billion $, and the high GDP and GDP ratio of 2025/ 1991 will increase.

Table 2: Prediction of CO_2em (CO_2 emission), NOx (NOx production), NOxc (NOx concentration at exit gas), Dump (Wastewater dumping), Fixable CO_2, GWPR (global warming protection ratio), GDP (GDP ratio 2025/1991) in 2025 of 13 countries.

Country	CO_2 emit	NOx	NOxc	Wdunp	FixableCO_2	GWPR	GDP
	Hmilt	Hmillt	g/k Wh		Hills		2025/1991
World	510	16.5			510	1.0	
China	196.4	4.25	1.6	Do	100	1.0	55
India	24.6	1	1.6	Do	32	0.76	15
Indonesia	5.0	0.2	1.6	Do	19	0.3	
USA	51	2	1.6	Do	95	0.53	10
Japan	8	0.5	.1.6	Do	8.0	1.0	10
Russia	19.6	0.63			32	0.61	
Germany	5.5	0.3	1.6	Do	2.2	1.0	10
UK	3	0.2	1.6	Do	2.4	1.0	10
Italy	2.5	0.14	1.6	Do	3.0	1.0	
France	0.12		1.6	Do	6.4	0.4	
Canada	5.6	0.22	1.6	Do	199	0.06	
Iran	6.3	0.025			1.6	3.0	
Turky	4.0	0.16			7.6	0.5	

Heat Absorption by CO_2 Assimilation Can Stop Global Warming [29]

On earth, 140 billion tons of fossil fuel is burned, and CO_2 $3.6x10^{10}$ t is produced. Moreover, $7.4x10^{15}$ kcal is produced. When we consider the heat produced by animal respiration, $7.4x10^{15}$ kcalx4.6/3.6=$9.45x10^{15}$ kcal is produced. The heat of atomic energy also warms the earth. Uranium produces $2x10^{15}$ kcal heat. The electricity generation capacity of the world is 16,868 tera watt h. Electricity generation by atomic energy is 2,086 tera watt h. Therefore, $7.4x10^{15}$x2,986/ 10,868=$2.02x10^{15}$ kcal evolved by atomic energy. The heat evolved by animals also warms the earth. Humans eat 1,000 kcal of food daily and release 1,000 kcal of heat daily. Assuming the population of the world as 7.6 billion, humans release 1,000x365x76x109=$2.8x10^{16}$ kcal in one year. Animals other than human beings, caw, birds, whales, and seals are producing heat. We can estimate the same as a human being $2.8x10^{16}$ kcal. Therefore, total heat from fossil burning produces $7.4x10^{16}$ kcal, and atomic energy produces $2.02x10^{15}$ kcal. Human beings produce $2.8x10^{16}$ kcal. Other animals produce $2.8x10^{16}$ kcal. The total heat produced is (7.4+0.202+2.8+2.8) $x10^{16}$=$13.002x10^{16}$ kcal. We must absorb $13.002x10^{16}$ kcal by CO_2 assimilation. One moles of CO_2 (44g) and water (18g) absorb 114 kcal sun's heat to carbohydrate and 32 g oxygen. If 51 billion t (=$5.1x10^{16}$g) CO_2 assimilation occurs, 114x$5.1x10^{16}$/44=$13.136x10^{16}$ kcal can be absorbed. Heat production 13.002 $x10^{16}$ kcal is almost the same as heat absorption 13.136 $x10^{16}$ kcal.

GWPR =Heat production/ heat absorption=13.002 $x10^{16}$ kcal. /$13.136x10^{16}$ kcal. =1

CO_2 assimilation must be promoted by stopping NOx elimination and purifying wastewater. By stopping NOx elimination. 1.44 billion tone NOx can fix 14.4x25=36.0 billion tone CO_2. The amount of NP in drainage is around 0.5 billion tones. Using this 0.5 billion tone NP, people can fix 0.5x25=12.5 billion tone CO_2. By adding 36.0+12.5=48.5 billion tones, CO_2 can be fixed. And we can absorb $13.1x10^{16}$ kcal. Heat absorption by CO_2 assimilation is essential to control the earth's temperature to maintain the habitable and comfortable temperature for the preset all life forms.

Anti-Aging

Author is now 94 year and testing myself which is best method to live long with high producing manuscript.

How can I live long I eat night food at mid night one banana, 20g Iriko (boiled and dried sardine) and Hatosabure (Kamakura cooky) then thinking and half sleeping [26,27,48,65-70]. Anti-aging and long life are dream of persons for thousand years. Average life of Japanese is men 80.5(third), women 86.83 (top in the world) I wonder why live longer than other countries. I believe that Japanese food based on fish is and good for long life. Fish contain glucosamine, hyaluronic acid and chondroitin. Glucosamine, hyaluronic acid are now used as health food by many persons in Japan. About 7 million persons are drinking and eating these materials and enjoying health and long life. I found anti-aging reagent. Serin-(beta-D-3-sulpho-glucurosyl) (1-3)-2-acetoamino-2-deoxy-glucopyranosid [65]. This anti-aging reagent is produced by Klotho (anti-aging gene) from glucosamine, hyaluronic acid, chondroitin. and contribute for anti-aging and long life. Klothe is a regulator of Calcium homeosta-

sis working with produced disaccharide [64]. Klotho makes disaccharide from glucosamine and glucuronic acid and gives stable Ca homeostasis and consequent health and anti-aging.

Best Food for anti-aging [71]. Hyaluronic acid was isolated from eye of caw. Eye and joint contain much glucosamine, hyaluronic acid and chondroitin. Fish contain much glucosamine, hyaluronic acid and chondroitin. Iriko (boiled and dried sardine) is best fish for anti-aging. I eat 20g Iriko every night.

Ocean Dumping of Radioactive Substance [39,59]

The London protocol inhibits the dumping of water with more than de minims levels of radioactivity Japan was hit by a big earthquake 2011 and some atomic energy facilities released radioactive wastewater. In the incident, many radioactive substances are produced by decommissioning of nuclear reactor. Dumping of radioactive waste is not possible by London dumping convention. Japan keeping London Dumping convention most honestly. Therefore, Japan is producing a large amount of CO_2 (presume 0.3 billion tons) for its treatment and storage to avoid troubles with other countries and yet Japan cannot eliminate such radioactive materials. Japan cannot export agriculture products to other countries to other countries, because Japan is keeping radioactive compounds in Japan. We must increase atomic energy electricity generation by uranium. Plutonium and nuclear fusion Radioactive waste substance must increase. We must find safe way to throw radioactive substance in deep sea. Sea has infinitive amount of water and deep and wide. We can dilute to almost zero concentration. Therefore, radioactive liquid can be diluted to almost zero concentration Solid radioactive substance can sink to the bottom by as is or after covered with cement.

Conclusion

Stopping of ammonia addition to eliminate NOx and stopping of water clean centre can activate CO_2 activation and can get much grain and fish and can get long life.

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None.

Conflict of Interest

None.

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