Bright side of Covid-19 Pandemic

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Abstract

Corona virus disease spread like wildfire, and 30 million cases were reported worldwide, with millions dying. Therefore, many countries all over the world embedded lockdown to stop prevalence of the virus. This virus causes huge economic loss and many other negative impacts throughout the world, specially in our country. But it is true that there are two sides of every phenomenon, positive and negative. This article collects data from various websites, web-blogs, newspaper and other reports on the Internet for the purposes of studying the Bright Side of Covid-19 Pandemic for specific reasons. Due to lockdown there were a reduction of transportation which results less pollution in air and water. Road accident and crime rate had been reduced very much. Various wild animals and birds were able to roam freely in the forest and also in the locality. Machinery lifestyle ruined peoples' family time, due to lockdown people have spent a lot more quality time with their family. Many of them felt comfortable and enjoyed their family time. This pandemic is a lesson for us to learn many new skills like improvement in sanitation, doing yoga, maintain hand hygiene etc. At the end we can say that it is too early to evaluate the overall positive scenario of Covid-19 in the world, but it is quite good to have some initial discussion. In order to stabilize the current drops in the level of air pollution and water pollution, serious policy changes need to be implemented.

Keywords: Pandemic, Bright side, Pollution, Family time.

Introduction

Corona Virus disease is a contagious disease which is occur due to Severe Acute Respiratory Syndrome Corona Virus 2. It spread all over the globe. This disease outbreak was discovered in Wuhan, China in December 2019 and in India first case of COVID-19 was found on 31st January 2020 in Kerala on 11th March 2020 the World Health Organization announced it as a pandemic[1]. We know that the corona virus has become a curse in human life. It was spread like wildfire, and 30 million cases were reported worldwide, with millions dying. Therefore, many countries all over the world embedded lockdown to stop prevalence of the virus. This virus causes huge economic loss and many other negative impacts throughout the world, especially in our country. But it is rightly said that every coin has two sides, that means every situation or incident has to aspects, positive and negative. In this article we are talking about only positive sides of corona virus.

Decrease Air Pollution

The nationwide lockdown due to Covid-19 pandemic has lead to reduce air pollution levels. In India, Delhi's pollution level has dropped most dramatically; NO_2 levels from 25th March to 2nd May, 2020 have averaged 90μ-mol/m^2 compare to 162μ-mol/m^2 from 1st March to 24th March, 2020. In 2019 NO_2 level from 25th March to 2nd May for above than this year averaging 158μ-mol/m^2. In Mumbai same trend has been observed, NO_2 level was 77μ-mol/m^2 in March, 2020 compared to 120μ-mol/m^2 in

March, 2019[2]. Many researchers have speculated that reducing air pollution levels may not only reduce people's susceptibility to COVID-19 but also reduce 7 million annual deaths worldwide due to air pollution. According to a published article in May 2020 found that daily global carbon emissions decreased 17% in April, 2020 due to lockdown and annual Carbon emissions could fell by up to 7% the largest decline since World War II, according to researchers[3]. Coherent air has been the most observable in our country. On April'3, residence of Jalandhar, Punjab, woke up to see a scene not seen for decades, Snow-Capped Himalayan peak more than 100 miles away[4]. Air pollution level in Rome dropped down 49% from mid-March to mid-April compare to previous year. Satellite portraiture shared by the European Space Agency shows Nitrogen dioxide concentrations decrease from air pollutions across Spain from 1st March to 25th March, 2020. Couple of years, Paris air pollution drops 46% in March 2020, 26% in Brazil and 9% in South African city Durban, according to NASA report.

Road Accident Rate Reduced

In the middle of all the upsetting headlines of this year, there is a ray of hope. When the covid-19 lockdown was its height, there were hardly 20,300 deaths in crashes or accidents. Journals issued by states and UTs to the Supreme Court committee on transport security shows that between April and June this year, 20,732 loss of human life in accident compared to 41,032 simultaneous in 2019,a decline of 49.47%. Not just mortality,

there was an overall dwindling in accidents across the country throughout the lockdown. Total smashes decreased by more than 63,000 in the April to June period. At this lockdown period, we also found the number of persons who ached by road injuries reduce by over 69,000. In authentic numbers, Uttar Pradesh announced the maximum reduced in casualties by 3,275 during the lockdown, followed by Tamil Nadu (2,193), Maharashtra (1,617), Rajasthan (1,484) and Madhya Pradesh (1,449). Delhi has described 217 deaths hardly.

Figure-1: Delhi pollution before and after lockdown[5].

Wild Animals Roam Freely in the Locality

Reduce human activities on account of lock down in India, has helped animals move freely in Western Ghats. COVID-19 lockdown has come as a blessing in disguise for flora and fauna in the Western Ghats. Forest officials have noticed large number of deer's, elephants, bison's and other animals walking on roads at Subrahmanya and surrounding areas because no one goes for hunting and other activities in the forest.

On 27th March 2020 a clip of a nilgai walking outside the Great India Place Mall in Noida Sector-18 was viral[6]. The unbelievable video was shared by journalist, Ananya Bhattacharya with the caption, "This is unbelievable. Nilgai takes over Noida streets. Not bad a video to watch during Lockdown 21". Deers spotted on Tirupati and Haridwar Street. Mumbai-based photographer Manav Manglani shared pictures and videos of peacocks dancing on empty streets in the Maximum city on Instagram[7]. A small Indian civet is freely walking during lockdown at Meppayur Town, Kozhikode, Kerala, India[8]. A wild Puma was spotted in Santiago, which is the capital city of Chile[9]. It was captured roaming around the city during a night-time curfew. During lockdown in Israel, it shows that a jackal drinks water from puddle at in Tel Aviv, Israel[10]. An estimated 92,053 female turtles dug holes with flippers to lay their eggs in Odisha beach on March 2020.
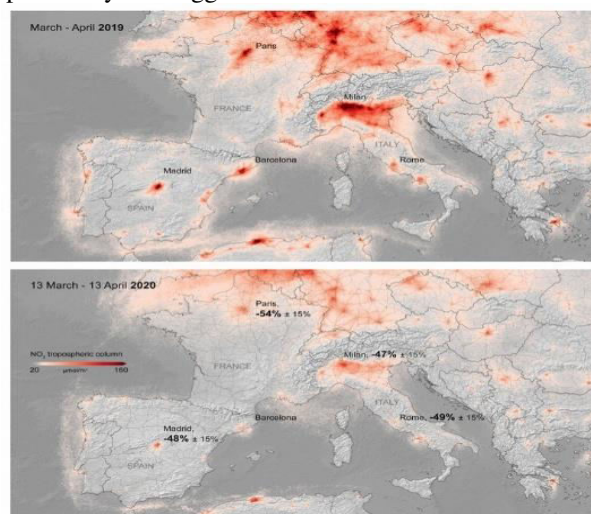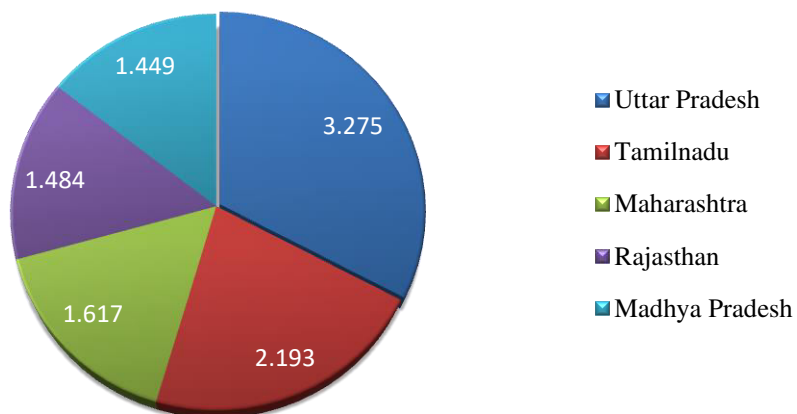

Figure-2: NASA report showing less pollution in Europe compared to 2019 [5].

Figure-3: Himalayan peak shown from Jalandhar, Punjab[5].

Figure-4: Fatalities Declining State wise in India.

Figure-5: Turtle arrives at Odisha beach[5].

Figure-7: Nilgai spotted in Noida Street[5].

Figure-6: Wild Puma in Chile[5].

Figure-8: Wild animals are having a gala time in Karnataka[5].

Reduce Water Pollution

During the lockdown in India, the quality of water in the Ganges improved significantly. Lockdown in India started at 25th March 2020. Within 10 days water quality improvement notice widely in Indian rivers especially in Ganga. According to real time water monitoring data from the Central Pollution Control Board (CPCB), the average water quality of Ganges in recent days is 27 points, which is suitable for bathing and promoting wildlife and fisheries[11]. The Dissolved Oxygen (DO) values were found expanded to 6.8 milligram/liter against 3.8mg/l on March 6, demonstrate an exceptional development of 79% in DO values on April 4, at Varanasi's Nagwa Nala. PK Mishra, professor of chemical engineering at the Indian institute of technology, Banaras Hindu University, ascribed these interchanges to industrial lockdown and rainfall on March 15and 16 that increased the water level of Ganga. He declared that 30% of the whole BOD load was due to industries along the river, which added up to 130-150 tons per day. The overall sewage threw away into the Ganga was around 6,500-6,700 million liters per day (MLD) in its UP stretch and onwards. All over 10% was noxious load from industries; around 700 MLD. Seeing that all prominent contaminate industries are closed, the venomous load is off the river. Haridwar and Rishikesh's Ganga water was announced fit for drinking due to 500% reduce in sewage and hazardous waste. Severally endangered, South Asian River dolphins known as Gangetic dolphins had reappeared in Ganges 30 years latter[13]. Due to reduced water pollution these dolphins had been spotted at various Ganga-ghats of Kolkata. Due to lockdown city's canals have cleaned up in Venice, Italy[14]. As a result, a jellyfish has appeared in those canals. In Navi Mumbai tens of thousands of flamingos agglomerate annually in Talawe.

Figure-9: Dolphin near Ganga Ghat of Kolkata[5].

Figure-10: Jellyfish in Venice Canal[5].

Figure-11: In Navi Mumbai tens of thousands of flamingos agglomerate annually in Talawe[5].

Build Relationships Strong

We all have been so busy in living the 'life', many of us have lost those real, genuine moments we have with our beloved ones. Now the COVID-19 situation has impacted in a positive way to our life. We emote and maintain relation strong with our loved ones. We spent lot more time with our family and plan for work better. We learn many new skills like improvement in sanitation, doing yoga, maintaining hand hygiene etc. In these lockdown days, all family members came close to each other because they probably spent this type of quality time together for many years back. People take more care of their old parents. School going children spent lot more time with their parents. Many have fulfilled their hobbies and interests by writing poems and articles, painting, cooking, gardening etc[16].

Figure-11: People busy with phone and machinery life[5].

Figure-12: People spending quality time with family[5].

Spread Traditional Greetings "Namaste"

You can hug, air-kiss or of course shake hands, but during the time of Coronavirus pandemic, the world seems to looking at Indian tradition, especially "Namaste" to greet, pay homage and keep a safe distance. Several world leaders and other persons are now say "hello", "Hi" by using Indian traditional "Namaste" by joining of hands. On March 13, US president Donald Trump greeted Irish Prime minister using "Namaste" one of the most basic precautionary measures to avoid physical contact. French President Emmanuel Macron welcomes Spanish king Felipe at a meeting by doing namaste. Israeli Prime Minister Benjamin Netanyahu has advised his countrymen to take 'namaste' as a way of greeting rather than shaking hands to prevent the spread of COVID-19. So, these are the proud moments for us[18].

Figure-13: Irish Prime Minister and US President doing "Namaste"[5].

Conclusion

This pandemic of COVID 19 has taken so much from us. People had lost their loved ones, loosed their jobs, some people had spend those times away from their families. Poor people had to face difficulty with their daily food for survival. Countries had faced the most widespread global recession and its aftermath collapse in economic activity. But along with these bitter memories, these crises give us some positive sides too. At the end we can say that it is too early to evaluate the overall positive scenario of COVID-19 in the world but it is possible to make some preliminary decision. It is crucial that when the lockdown in India and other countries has ends and people return to their normal routines they are not forced to go back to their old behaviors. To make the current drops in air pollutions and water pollutions levels permanent, serious policy change needs to be enhanced.

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