

Fish and Fisheries in India is improving due to COVID Time

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Received: 11 Nov 2020;

Received in revised form:

07 Jan 2021;

Accepted: 27 Jan 2021;

Available online: 09 Feb 2021

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Keywords— Marine zone, Fresh water zone, Riverine system, 2021.

Abstract— Marine zone in India is mostly in Deccan plateau. In West Bengal, Midnapur & 24 Parganas(S) is mainly placed beside coastline. Many tourist's spots and fish landing stations are located in these two districts. Since March 2020 India is facing problems due to lock down phase. Fish and fisheries sector is improving due to non-usage of marine zone and riverine system in West-Bengal. Good production will be in those marine zone as well as in fresh water zone is obvious in next year i.e 2021.

I. INTRODUCTION

In India major river system contains Ganges, Indus, Yamuna, Bias, Jhelum, Tapi, Narmada, Godavari, Krishna, Cauvery, Brahmaputra, Teesta, Torsa, Ajoy, Damodar, Hooghly, Kangshabati, Dwarakeswar, Rup Narayan, Jalangi, Churni, Mahanadi, Mayurakshi, Ichhamati, Saptamukhi, Thakuraan, Gosaba, Matla, Vidyadhar, Herobhanga, Bhagiroti are located.

Coastal belt near Bakkhali and Digha is almost 220 km. stretch in West Bengal. Bakkhali is in South 24 parganas, whereas Digha placed in Midnapur(E).

Total area is under Sundarban Biosphere Reserve. 210 islands scattered in three districts. South 24 Parganas, Midnapur(E) and 24 Parhaganas (N).

Biggest delta in Asia continent declared as World Heritage Site in the year of 1984. Major portion is shared by Bangladesh (~ 60%) and (~40%) by India.

Fish and Fisheries sector is important as people are dependent on fish as major protein source in their daily intake of food. In every house and people living in coastal belt (Marine zone) are very fond of fish in their diet. (Iyenger, 1988).

In Covid-19 period due to less catch and supply in major Cities like Kolkata, Chennai, Delhi and Mumbai fish can grow in water without hindrance. Over exploitation in marine water is also a cause for fish catch depletion in last 5 years (60%-56%).

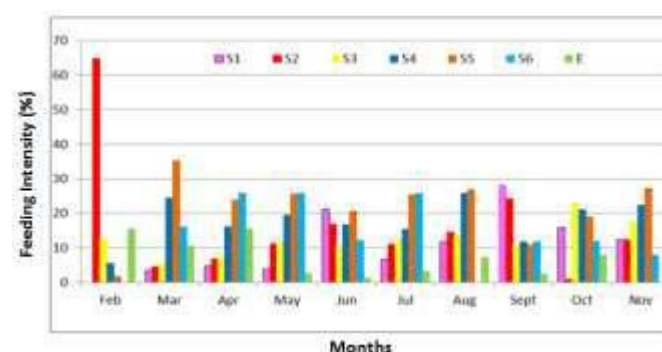


Fig-1 Liza tade catch for 10 months to observe feeding intensity (Source: Google)

II. MATERIALS AND METHOD

Fish variety from different locations in India proves that it is improving during Covid -19 period (i.e from March to till date). Healthy fish are available now in market.

Weight and Length has increased due to non- exploitation in marine as well as in fresh water.

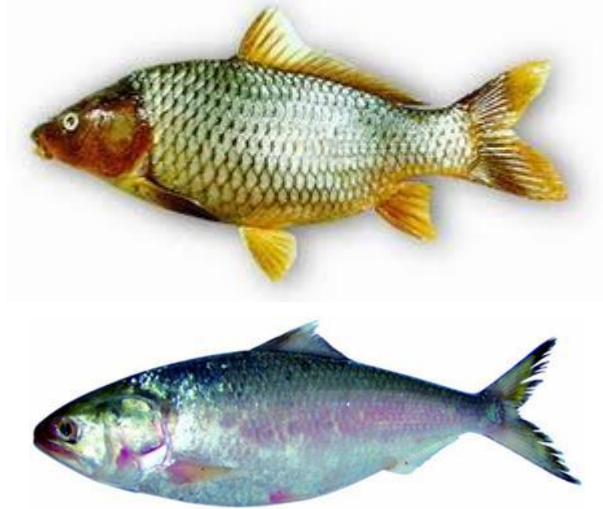


Fig-2 C. Carpio fresh water and H.ilisha marine fish are healthier now.

III. RESULT

People will get more fish variety in market like fresh, estuarine as well as marine variety.

Most of the city dwellers like to buy fish and preserve in their refrigerator. In hotel and restaurant supply required everyday.

Hospitals required fish supply to cure patients rapidly. Collagen fibre in fish muscle tissue helps to improve health. (Dr. Axe)

IV. DISCUSSION

Due to non supply in market during lock down phase 2-3 months fish life become safer in water both in fresh as well as in marine zone. In West Bengal supply starts (perishable items and vegetable with proper precaution) after 3 months. Media persons help to aware people regarding all cases of CIVID-19 positive patients.

Corona virus is spreading worldwide and death toll is increasing. Doctors and Pharmaceutical industries are working hard to solve problem. Research findings help to invent vaccine for the disease. In U.K. Oxford University proves the dosages but it requires application in large scale. Marketing is necessary for implementation for mankind.

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