



Sadiq Public School

Do the right, fear no man

Subject: Pakistan Studies.2

Class: C1

Saturday, 16th November 2024

Unit No 6 Fishing Industry

Lesson is about Problems of the Fishing Industry in Pakistan.

Inquiry:

What are the problems of fishing industry in Pakistan? How these problems are solved?

What is meant by sustainable fisheries?

Information

Problems in the Fishing Industry:

Environmental:

- Subsoil water is frequently pumped out to fill these farms, which lowers the water table.
- When water evaporates from them, salinity is caused.

Ecological:

- The conversion of coastal wetlands into nurseries has affected the many organisms living in these nutrient-rich marshy lands.

Pollution:

- Discharge from fish farms may contain chemicals used for disinfecting and hormones used for the breeding of fish which adversely affect other organisms.
- There is pollution on the coast (mostly in Karachi).
- Spillage of oil harms fish. There are other pollutants, too.
- Many chemicals with witch carcinogenic qualities and toxic materials/heavy metals such as cadmium, aluminium, and nickel have been found in marine life.
- These can enter the food chain and affect the people who eat them.
- The rivers of Pakistan are also polluted.
- Chemicals used in agriculture leak into the river system.
- Domestic waste is dumped into rivers.

Mangroves:

- They are a breeding ground for many species.
- They protect the coastlines from tide.
- Development of fishing on the coastlines will threaten them.

Overfishing:

- Fishing is conducted throughout the year, even during the breeding season, especially by foreign trawlers.
- This limits the production of fish.
- This is made worse by the usage of illegal nets which have small holes which allow them to catch baby fish.
- In order to prevent this, marine fishing will have to be banned in June and July, which would affect profits.

Economic:

Cost:

- There is a lack of skilled labour in Pakistan, all of whom will have to be trained
- Pakistan does not have enough money to develop the fishing industry
- Lots of capital and skilled labour is requiring for training and machinery
- Money has to be spent on technology
- Profit is also reduced when you share profits with boats from other countries which fish here

Foreign Exchange:

- There is a chance that it will not be reimbursed due to international restrictions on the export of fish
- Most of the technology will have to be imported
- Many batches of fish are rejected since if one is found to be rotten, the whole delivery is thrown away

Restrictions:

- Controls on net size and fishing during fishing season to prevent overfishing

Income:

- Fishing does not provide a high profit or large income for fishermen.

Sustainability:

In order to promote fisheries on sustainable lines:

- Deep-sea trawlers shouldn't be allowed to operate in the Pakistani section of the Arabian sea to prevent overfishing
- While illegal nets have already been banned, this ban needs to be enforced
- Regulate water pollution and the cutting of mangroves

Synthesizing: Answer the following questions in your notebooks based on the information you read in your text book page no 102 &103 and what you observed in the information provided by the teacher.

Q. What is meant by sustainable fisheries?

Q. What efforts have been taken by the Government to develop fisheries in Pakistan?

Practising Activity.

Q. Describe the problems faced by fishing industry in Pakistan.