

# COASTAL CUSTODIAN : Mangroves

## 26th July : The International Day for Conservation of The Mangrove Eco-system

On this occasion plant atleast a mangrove tree to stop destruction of Mangrove forest and it's habitat

### Shoreline Protector

- Mangroves' extensive complex network of roots and branches hold soil in place and dissipate and reducing wave energy, heights and protecting coastlines from damage.
- Mangroves act as a natural barrier against storms and tsunamis
- It helps to maintain healthy coastlines by filtering sediment, improving water quality, and biodiversity and so on.



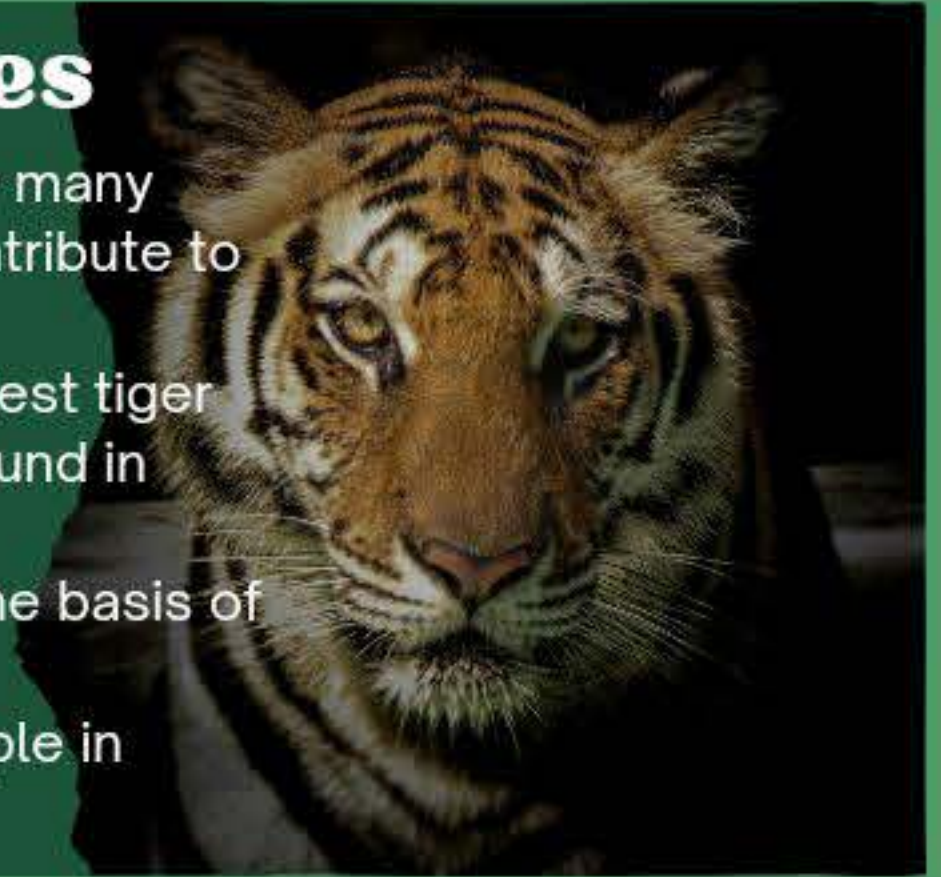
### Efficiency of Mangroves

- Mangroves are highly efficient at absorbing carbon dioxide, storing up to 5 times more carbon than tropical forests
- Mangroves help reduce ocean acidification by absorbing excess carbon dioxide
- Its ability to grow vertically and horizontally helps them keep pace with sea-level rise, providing a natural adaptation strategy for coastal ecosystems



### Habitat & Resources

- Mangroves provide nursery habitat for many commercial fish and shellfish, thus contribute to the local abundance of seafood
- The biggest population of world's largest tiger species, Royal Bengal Tiger can be found in Sundarban, mangrove forest.
- Mangroves protect species that are the basis of a \$7.6 billion seafood industry, which employs 109,000 people in Florida.



### Sundarban

- The largest mangrove forest all over world, located in south asia including India & Bangladesh
- Protecting coastal dweller from cyclones like Aila, Amphan form years
- A number of rare species depend on it as habitat; it acts as niche to a number of humen who lives in costal area.



We, Indians have a little part of this beautiful creation of Nature (Sundarban).

It's our duty to protect it to protect our-selves. So come forward to plant more mangroves on this occasion, show your responsibility towards nature.