



ಕರ್ನಾಟಕ ಅರಣ್ಯ ಇಲಾಖೆ, ಹೊನ್ನಾವರ ವಿಭಾಗ

**FOOD CYCLE IN MANGROVE ECOSYSTEMS**

- 1. Sun**  
The sun provides energy for photosynthesis in mangrove plants.
- 2. Mangroves**  
Mangrove plants produce organic matter (leaves, twigs, roots) that enters the food chain.
- 3. Detritivores**  
Organisms like crabs and earthworms break down organic matter into smaller particles.
- 4. Filter Feeders**  
Organisms like mollusks and small crustaceans filter organic particles from the water.
- 5. Larger Fish**  
Larger fish eat the smaller organisms, transferring energy up the food chain.
- 6. Humans**  
Humans consume fish and other products from the mangrove ecosystem.

**MANGROVES: Key to the Coast**

**\$1 Billion**  
The estimated value of mangrove ecosystem services in India.

**80%**  
The percentage of mangrove cover in India that is under threat.

**66%**  
The percentage of mangrove cover in India that is degraded.

**CO<sub>2</sub>**  
Mangroves store carbon in their biomass and soil, helping to reduce greenhouse gas emissions.

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ವನಸಿರಿ ಪ್ರಕೃತಿಯ ವರದಾನ, ಜೀವ ಸಂಪತ್ತಿನ ಉದ್ಘಾಟನೆ

PLANT A TREE GREEN THE EARTH CLEAN THE AIR LIVE





