



TANZANIA FISHERIES RESEARCH INSTITUTE (TAFIRI)



UNIVERSITY OF DAR ES SALAAM INSTITUTE OF MARINE SCIENCES



KENYA MARINE AND FISHERIES RESEARCH INSTITUTE (KMFRI)

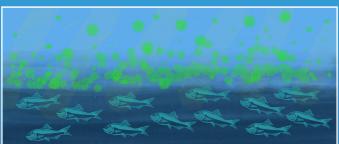


National Oceanography Centre

www.solstice-wio.org

Upwelling, ecosystems and coastal communities





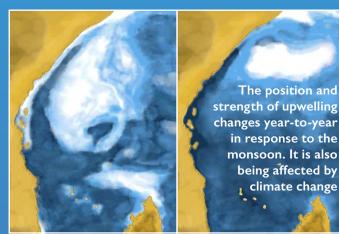
Upwelling supplies nutrients to surface waters, promoting the growth of plankton, which provides food for small pelagic fish



During the Northeast monsoon upwelling occurs along the Kenyan coast. This upwelling is enhanced over the North Kenya Banks where the Somali Current and East African Coastal Current converge

Upwelling drives many high productivity fisheries that support the livelihoods of coastal communities





Fisheries provide employment, economic opportunities and food security for people in coastal areas. Small pelagic fish are an important food source for coastal communities.

To manage fish stocks we need to understand how the strength and location of upwelling changes from yearto-year. This will help us understand future impacts of climate change and help us plan for the future.

Fishers' knowledge and intuition of the marine environment can help improve management and governance of fisheries. This information could also shape future scientific studies.

Report where you have noticed:

Disturbance of sea surface

Increased density of small fish colder

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Presence of large fish colder water

An area of