

Upwelling zones of high biological productivity occur where winds move surface waters away from continental margin.

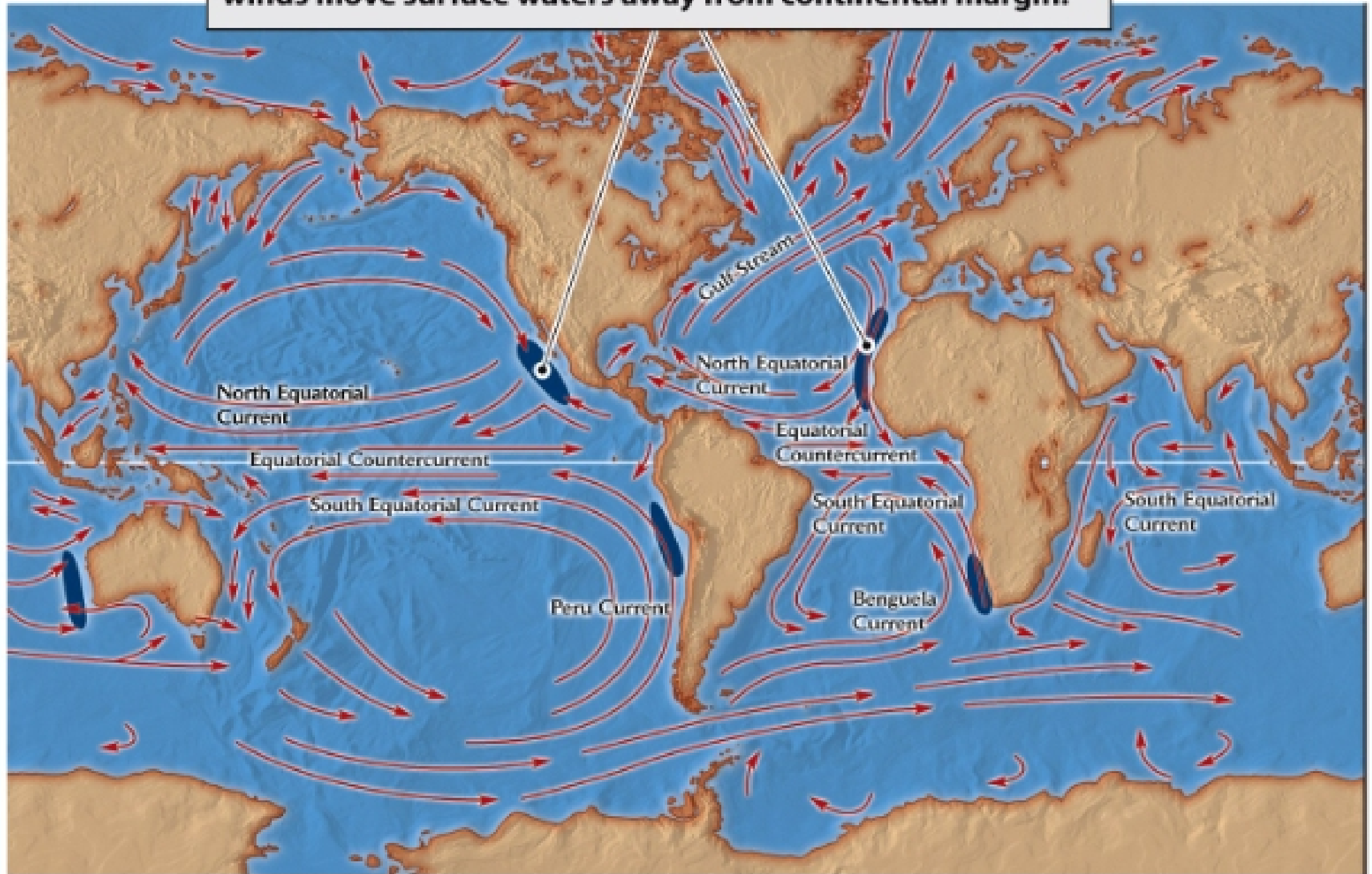


Figure 4.8
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Benguela Current effect:
Atlantic Coast of Namibia
and South Africa



Figure 4.9
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...and the rest of the story, a la Carl Safina

Thermohaline circulation patterns

temp. warms water ("thermo" part) -> water evaporates -> salty water is heavy & sinks -> picks up nutrients -> upwelling brings this deep water back up to the surface

- North Atlantic Deep Water current
- South Equatorial Current

