



One butterfly flapping its wings



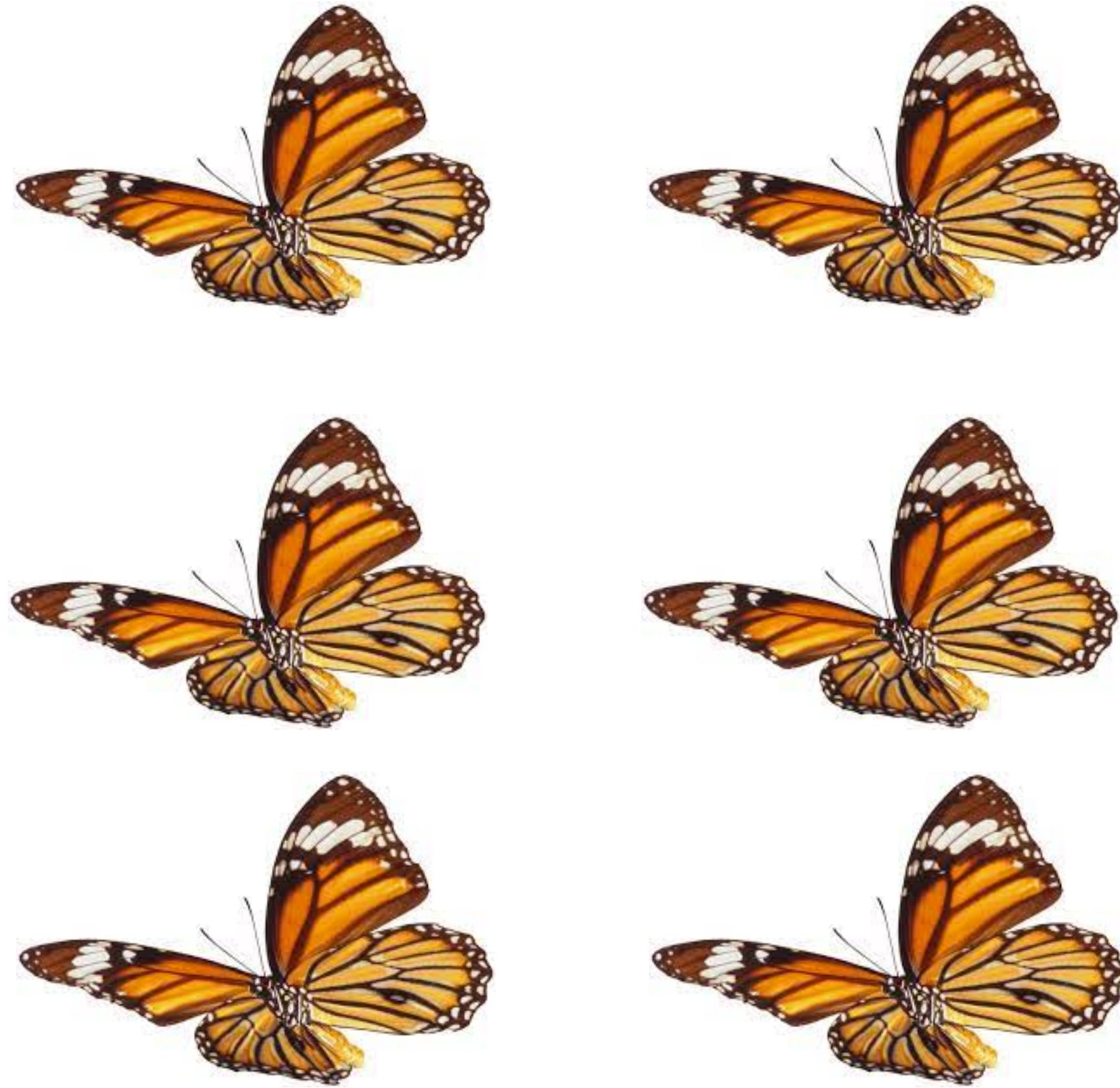
Is no threat to the sunny skies

Joined by another butterfly, also flapping its wings



Is still no threat to sunny skies

Joined by a few other butterflies, also flapping their wings



Is still no threat to sunny skies

Joined by a kaleidoscope of butterflies, all flapping their wings



A threat emerges. Small changes in systems can be magnified by the activities of others, compounding several times over till..

Disaster strikes once.





And once more.





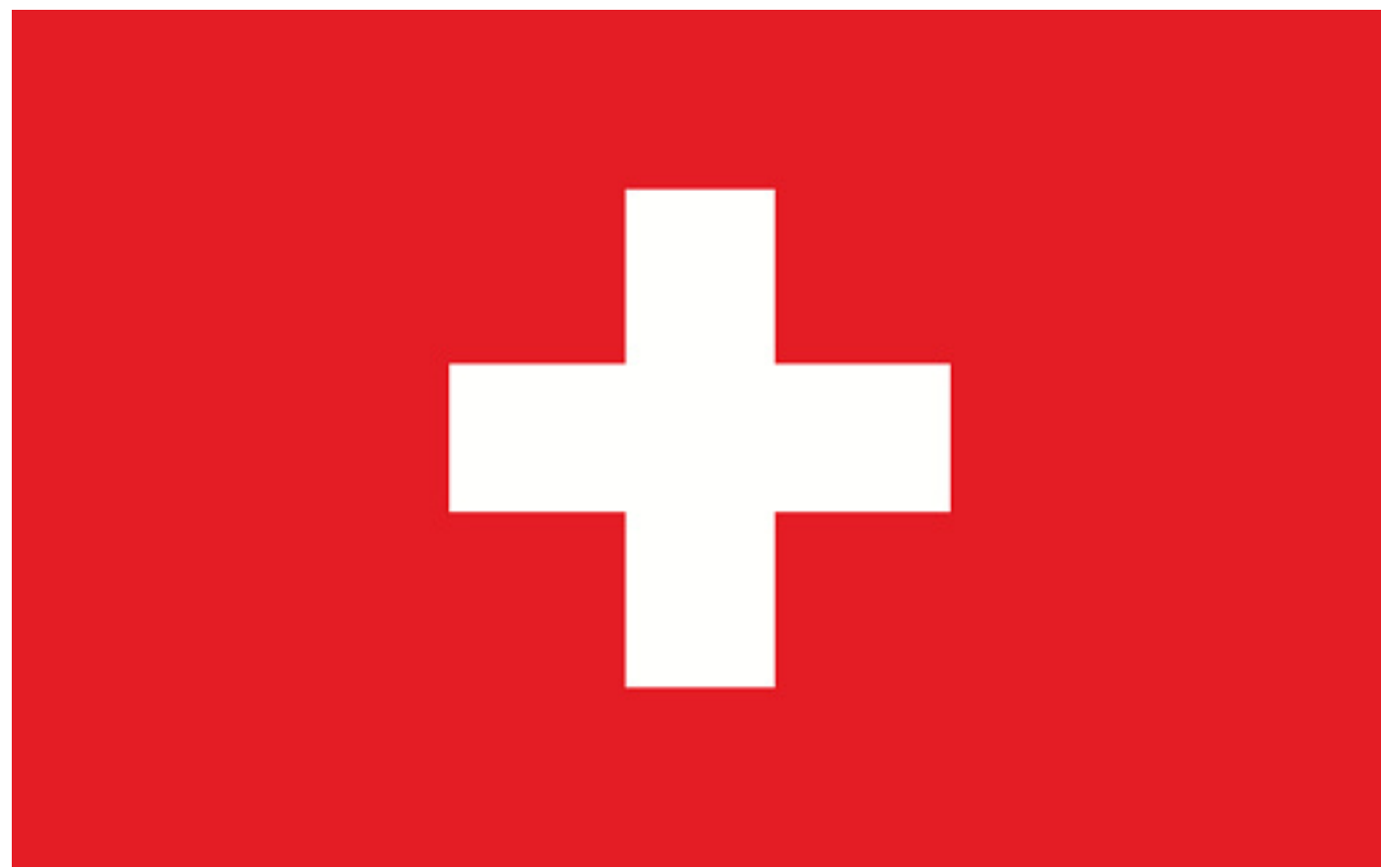


And again.

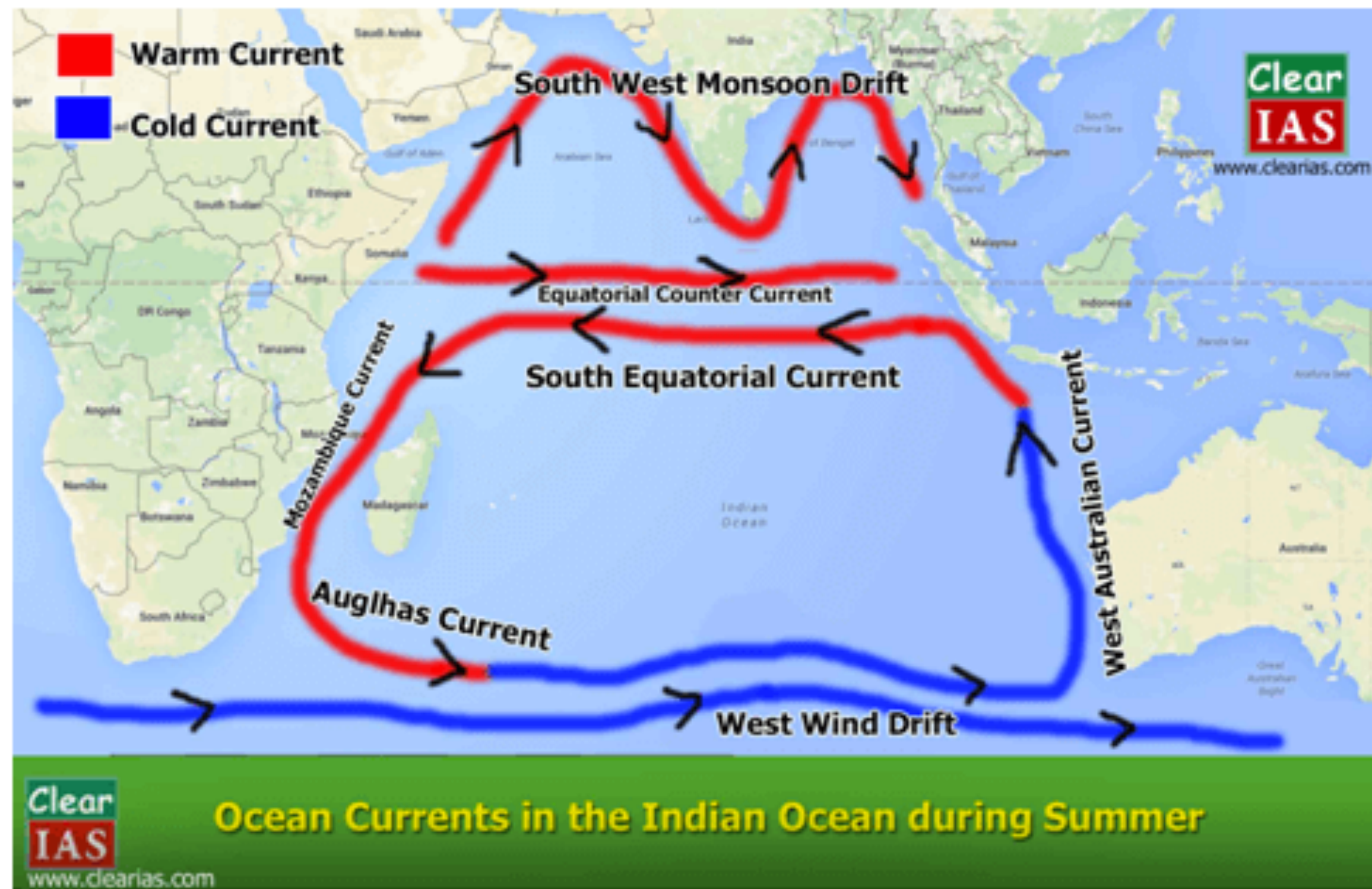




None of the events to follow are unrelated.



Plastic fragments from Shenzhen have been found in the Swiss Alps.



Changing ocean currents in the Indian Ocean increases the likelihood of a fiery Australian summer.

Complex systems can be disrupted by the slightest changes.

Small, individual mistakes can add up to catastrophic disasters.

But it does not need to be this way.

We must end the small, individual mistakes.













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