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Prelims PYQ, Mains model answers, and copy evaluation. Write to the desk for this paper, a doubt, or the AI waitlist.

ask@wrapexams.com · +91 85951 84903 · wrapexams.com

Q4

Assess the impact of global warming on the coral life system with examples.

UPSC Civil Services Mains 2019 · GS I · 10 marks · World's Physical Geography

Salient features of world's physical geography.

Facts & figures for this PYQ only.

Numbers move. Confirm the latest Budget, Economic Survey or census round. This sheet is for revision, not a substitute for the model answer.

<https://wrapexams.com/upsc/mains-answers/gs-1/2019/assess-the-impact-of-global-warming-on-the-coral-life-system-with-examples/>

Zooxanthellae

Symbiotic algae that feed and colour reef corals; their loss is bleaching.

Great Barrier Reef heatwaves

Repeated mass bleaching from 1998 onward on the world's largest reef system.

Lakshadweep and Maldives atolls

Indian Ocean coral islands highly exposed to El Niño marine heatwaves.

Gulf of Mannar

Tamil Nadu reef biosphere reserve that has recorded bleaching and fishing pressure together.

Aragonite saturation

A chemistry measure that falls as oceans acidify, making coral skeletons harder to build.

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