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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.

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Q7

What are the consequences of spreading of 'Dead Zones' on marine ecosystem?

UPSC Civil Services Mains 2018 · 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-1/2018/what-are-the-consequences-of-spreading-of-dead-zones-on-marine-ecosystem/>

Hypoxia

Dissolved oxygen so low that most marine animals cannot live; the working definition of a dead zone.

Eutrophication

Nutrient enrichment, mainly nitrogen and phosphorus, that fuels algal blooms.

Gulf of Mexico dead zone

A large seasonal hypoxic area linked to Mississippi River farm and urban nutrients.

Arabian Sea oxygen

Natural oxygen-minimum waters that can worsen with coastal nutrient load and warming.

Benthos collapse

Death or flight of seafloor fauna that cannot escape the low-oxygen layer.

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