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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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Q16

In what way can floods be converted into a sustainable source of irrigation and all-weather inland navigation in India? (250 words).

UPSC Civil Services Mains 2017 · GS I · 15 marks · Natural Resources and Industries

Distribution of key natural resources across the world (including South Asia and the Indian sub-continent); factors responsible for the location of primary, secondary, and tertiary sector industries in various parts of the world (including India).

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-1/2017/in-what-way-can-floods-be-converted-into-a-sustainable-source-of-irrigation-and-all-weather-inland-navigation-in-india-250-words/>

National Waterways Act, 2016

Law that declared a large network of inland waterways, making lean-season draught a national planning issue.

NW-1 Ganga

Haldia-Prayagraj stretch developed for cargo, dependent on depth after the monsoon flood falls.

Flood cushion in reservoirs

Reserved empty storage used to absorb peaks and later released for irrigation and navigation.

Ahar-pyne / haveli systems

Traditional Bihar and central-Indian methods of catching monsoon sheet-flow for paddy and soil moisture.

Floodplain zoning

Land-use rule that keeps room for the river to spread, without which storage and navigation works raise disaster.

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