Within Shrinking Sands The displacement crisis you haven't heard of

 FOR MILLIONS OF YEARS, SEA TURTLES HAVE BEEN THE NOMADS OF THE OCEAN, RETURNING TO THE SAME SHORES TO LAY THEIR EGGS, GENERATION AFTER GENERATION.

 THEY MIGRATE HUNDREDS TO THE MIGRATE HUNDREDS TO LAY THEIR EGGS.

 THEY MIGRATE HUNDREDS TO THE MIGRATE HUNDREDS TO LAY THEIR EGGS.

 USING THE EARTH'S MAGNETIC FIELD TO FIND THEIR WAY BACK TO THE BEACHES WHERE THEY HATCHED, TO NEST FROM THEIR FORAGING

OCEAN

NESTING BEACH



GROUNDS TO THEIR NESTING BEACHES.



BUT IF YOU TAKE A WALK ALONG A NESTING BEACH ONCE BELOVED BY LOGGERHEAD AND GREEN SEA TURTLES, AND YOU'LL FIND A VERY DIFFERENT LANDSCAPE THAN WHAT THESE ANIMALS ARE USED TO, AND ALL BECAUSE OF ONE HUMAN-INDUCED EVENT: CLIMATE CHANGE



IMAGINE AN ANCIENT RITUAL DISRUPTED BY SOMETHING AS SILENT YET RELENTLESS AS THE TIDE ITSELF.



ACCORDING TO PROJECTIONS, BY THE END OF THE CENTURY, SEA LEVELS COULD RISE BY UP TO 0.59 METERS. EVEN A 0.5-METER RISE COULD ELIMINATE A THIRD OF BEACH NESTING AREAS GLOBALLY.









AND IF IT WEREN'T BAD ENOUGH, STORMS-MORE FREQUENT AND SEVERE DUE TO CLIMATE CHANGE-ARE EXACERBATING THE PROBLEM.



COASTAL EROSION RATES ARE SOARING, WITH STORM SURGES FLOODING NESTS AND WASHING AWAY EGGS BEFORE THEY EVEN HAVE A CHANCE TO HATCH.



BUT WHAT COULD HELP THESE TURTLES?



PLANTING NATIVE VEGETATION





SEA TURTLES ARE AN ECOLOGICAL CANARY IN THE COAL MINE. AS THE BEACH DISAPPEARS BENEATH THEIR FLIPPERS, IT'S A WARNING FOR ALL OF US.

THE QUESTION REMAINS: WILL WE HELP SAVE THE BEACH BY COMBATTING CLIMATE CHANGE BEFORE IT'S TOO LATE?



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The End

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