



# MANGROVES: THINK "RESTORE", NOT "PLANT"

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Why mass planting mangrove fails

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# Did you know that 80% of mangrove planting projects fail?

Although mangroves are **excellent at thriving in harsh environments**, their growth can slow down or stop when they are planted where mangrove species never grew before.

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# ~~PLANT~~ RESTORE

The successful restoration (or even replanting) of mangroves is dependant on a lot of factors. It is important to create the right conditions for mangroves to be able to thrive naturally. Here are a few things to keep in mind.

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# Planting species that naturally grow there

While considering planting, it is important to consider -

***If restoration is possible in that site.***

***Be cautious about planting in places where there can be land subsidence, land use change, or encroaching development.***

Source: EMR Approaches,  
Wetlands International



A photograph of a mangrove restoration site. In the foreground, a young mangrove seedling with three green leaves and a thin stem grows from the dark, silty soil. The background is filled with the complex network of large, gnarled tree roots of mature mangroves, creating a dense and textured environment. The lighting is soft, highlighting the textures of the soil and the roots.

It is important to **find and connect your restoration site to a source of seedlings** from hydrologically connected areas or a healthy, mature mangrove stand, if that exists nearby.

**Source of seeds  
near the  
Restoration site**

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# Restoring your mangrove habitat

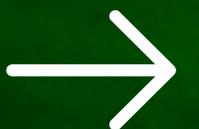
It is important to ensure that **the restoration area needs to remain wet.** The access of water to the restoration site should be restored if there is not enough water getting in.

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# Remember to be diverse in your restoration

Make sure there are **multiple mangrove species** will aid the restoration process. Observe to see if natural regeneration is occurring, and add other species accordingly.



# The need for urgent mangrove action

it is more cost-effective to prevent mangrove loss than to lose and restore them.

**Mangrove restoration**, when carried out properly, can **enhance coastal safety, support millions of livelihoods, and aid in stronger climate mitigation.**

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