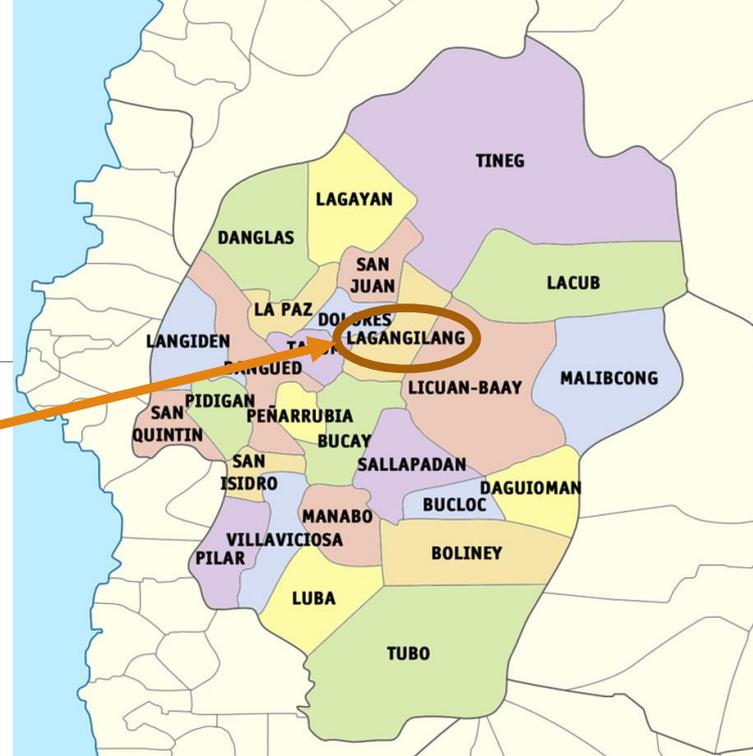


Planting of 15,000 trees in  
Northern Philippines to protect  
the local communities from  
disasters

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**OISCA INTERNATIONAL**

# Project Site Map



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# Problems

# Deforestation



The absence of trees in the forest made the locals vulnerable from disasters such as landslides in upper stream communities, and flooding and loss of farmlands in lower communities.

# Shallowing and widening of rivers and loss of farmlands



Without trees in the mountains, during rainy seasons, the silts and sediments will flow into the river resulting to its shallowing, eroding of riverbanks, and loss of farmlands.

Farmland of a local fisherman planted with eggplants. Unfortunately, it was damaged by the overflowing river after a sudden rain.

# Soil Erosion/landslides



The absence of roots that hold soil and rocks resulted in erosion and shallowing of the river adjacent to the project site.

# Drought and poor soil condition



Long-been exposed to the elements because of the absence of vegetation, the proposed project site has poor soil condition and is one of the challenges of the reforestation project.



The locals, especially the small-scale farmers are vulnerable from flooding, during heavy rains and typhoon seasons.

# **Proposed Project and Interventions**

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Community-led reforestation activities.



Maintenance of the project site and construction of fire lines by the locals to prevent the spread of fires.



Fence installation to prevent the stray animals from damaging the planted seedlings.



Pumping-up of water from the river to irrigate the planted seedlings, particularly in summer season.