



(The Spruce, 2022)



(Generación Verde, 2017)

Ebb and flow system

Where it has been implemented:
Different countries in Latin America



Description: In an ebb and flow system, plant pots are temporarily flooded with nutrient solution and then drained back into the reservoir. The flow is caused by a pump connected to a timer that is activated several times a day. When it stops working, the solution flows back into the tank.

Interesting features: the nutrient solution can be used in only floods the pots for a specific time and then returns to

Source: Petanikata, 2018 / youtube.com/@Petanikata87 | [Link](#)
Mapping method: Digital



Ebb and Flow System

Alta Verapaz, Guatemala

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water supply

water scarcity

hydroponics

climate change adapt