

From Yilan's Rain to Global Resilience

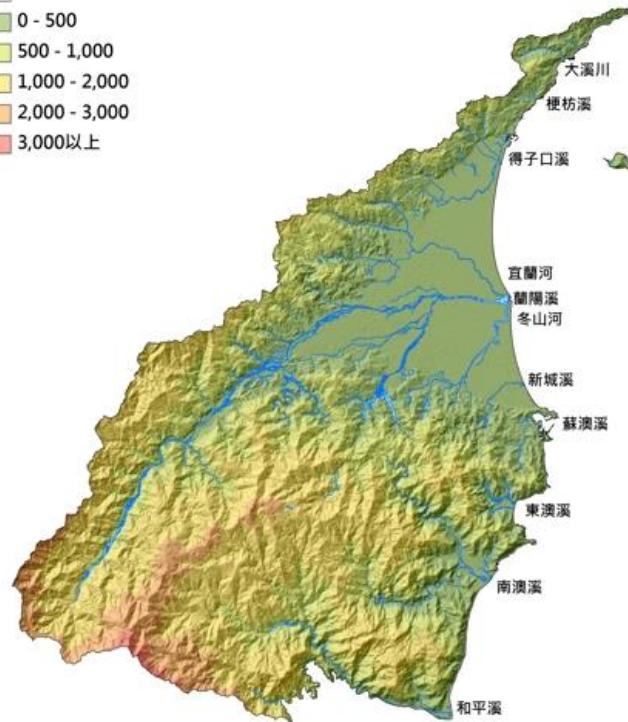
A Taiwan-Philippines Water Workshop

Why “The Rainy Capital”?

What do you notice?

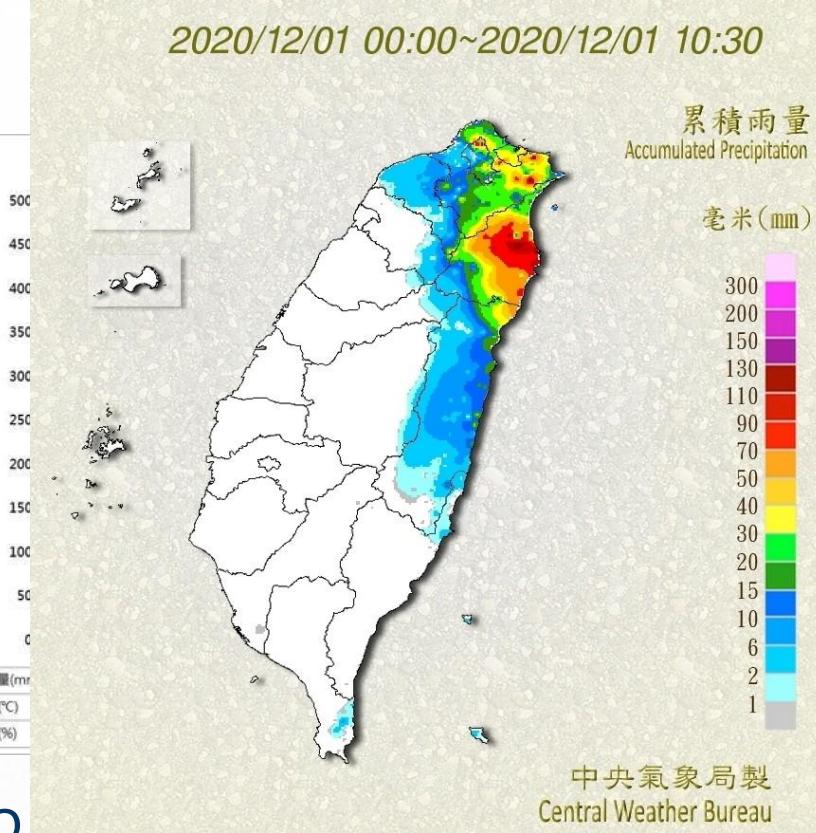
Hints:

1. What surrounds us?
2. What direction is the wind?
3. What happens when wind hits mountains?



Why “The Rainy Capital”?

- Geography: A natural ‘funnel’ facing the ocean
- Monsoons: Blow moisture directly into the funnel
- Orographic Lift: Mountains block air, forcing rain



Q: What's strange about having so much rain?



Our “Fun Fact”: Where is Yilan’s Reservoir?

We rely on:

- Lanyang River (Direct intake)
- Groundwater & 'Fu-liu-shui' (Subterranean flow)

Q: What problems might happen when we rely only on rivers?



SDG #6

Promises to:

- Tackle Scarcity (缺水)
- Fight Pollution (水污染)
- Manage Floods (洪水)
- Protect Ecosystems (生態系)

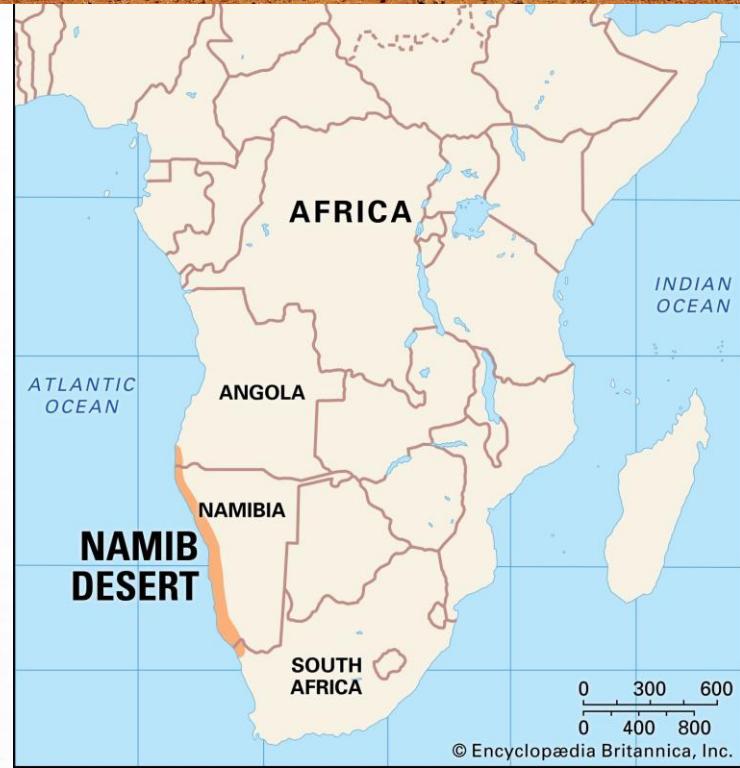
Mini-task: Share one water challenge in your country !

Inspiration: Learning from Nature (Biomimicry)

The Namib Darkling beetles:

- Hydrophilic bumps attract fog
- Hydrophobic channels guide water

Q: What lesson can humans learn from this beetle?



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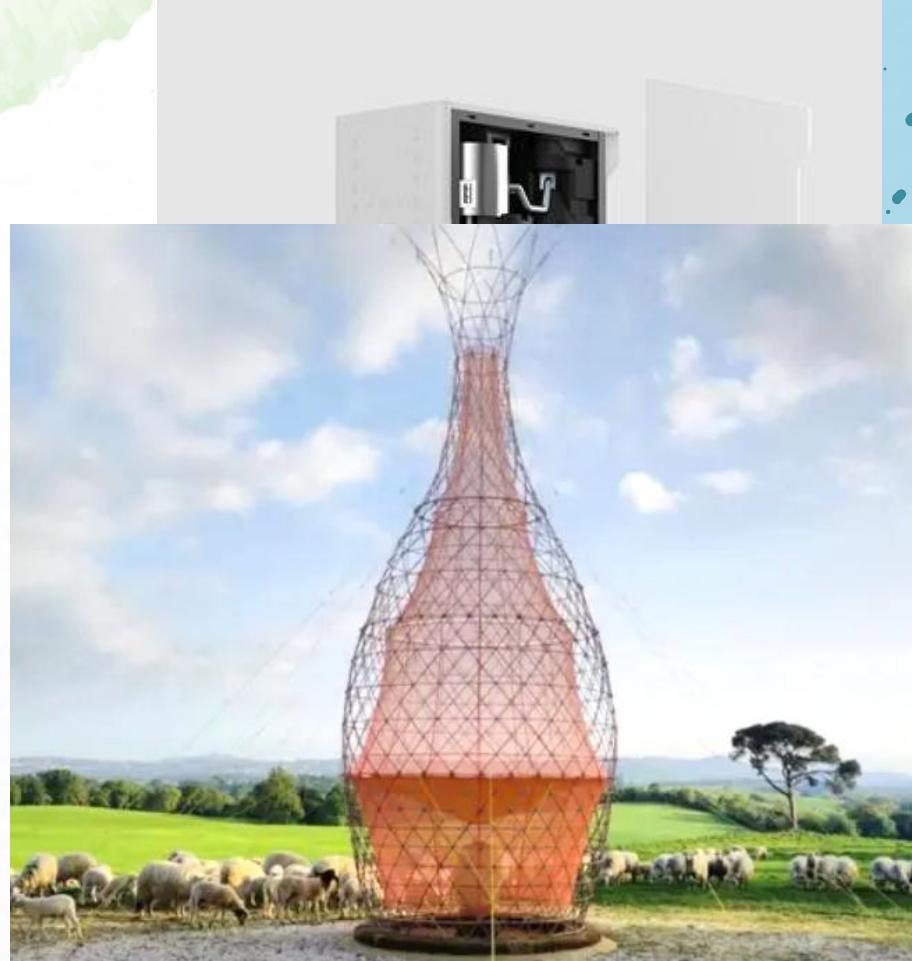
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The Inspiration into Action: FogQuest

- Builds nets to capture water from air
- Low-tech, high-impact



There is typically from 0.05 to 0.5 grams of liquid water in a cubic meter of fog.



Our Tool-kit:

STORE

SAVE

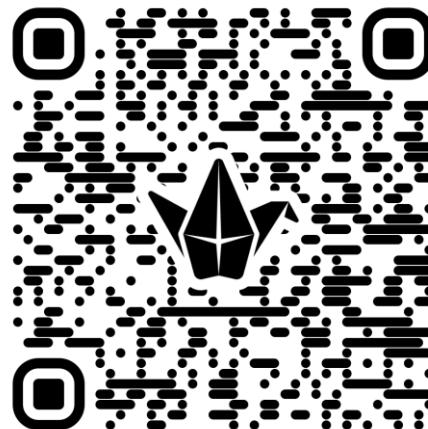
PURIFY

REUSE

Think about the FogQuest or "Biomimicry" spirit. Brainstorm ONE creative, low-tech, or nature-based solution to ONE water issue in your country.

Post three things:

1. One problem
2. Our 'FogQuest' Idea--low-tech, high-impact
3. Our aspect: Store / Save / Purify / Reuse



tinyurl.com/YLSHwater