FACULTY OF BIOSCIENCE ENGINEERING

DEPARTMENT OF ANIMAL SCIENCES AND AQUATIC ECOLOGY
RESEARCH GROUP AQUATIC ECOLOGY

POWERFUL PLANTS FOR WATERY WETLANDS

KEY ISSUES FOR IMPLEMENTING ARTIFICIAL MULTI-PURPOSE WETLANDS

Wout Van Echelpoel, Natalia Donoso, Peter L. M. Goethals

02/10/2019

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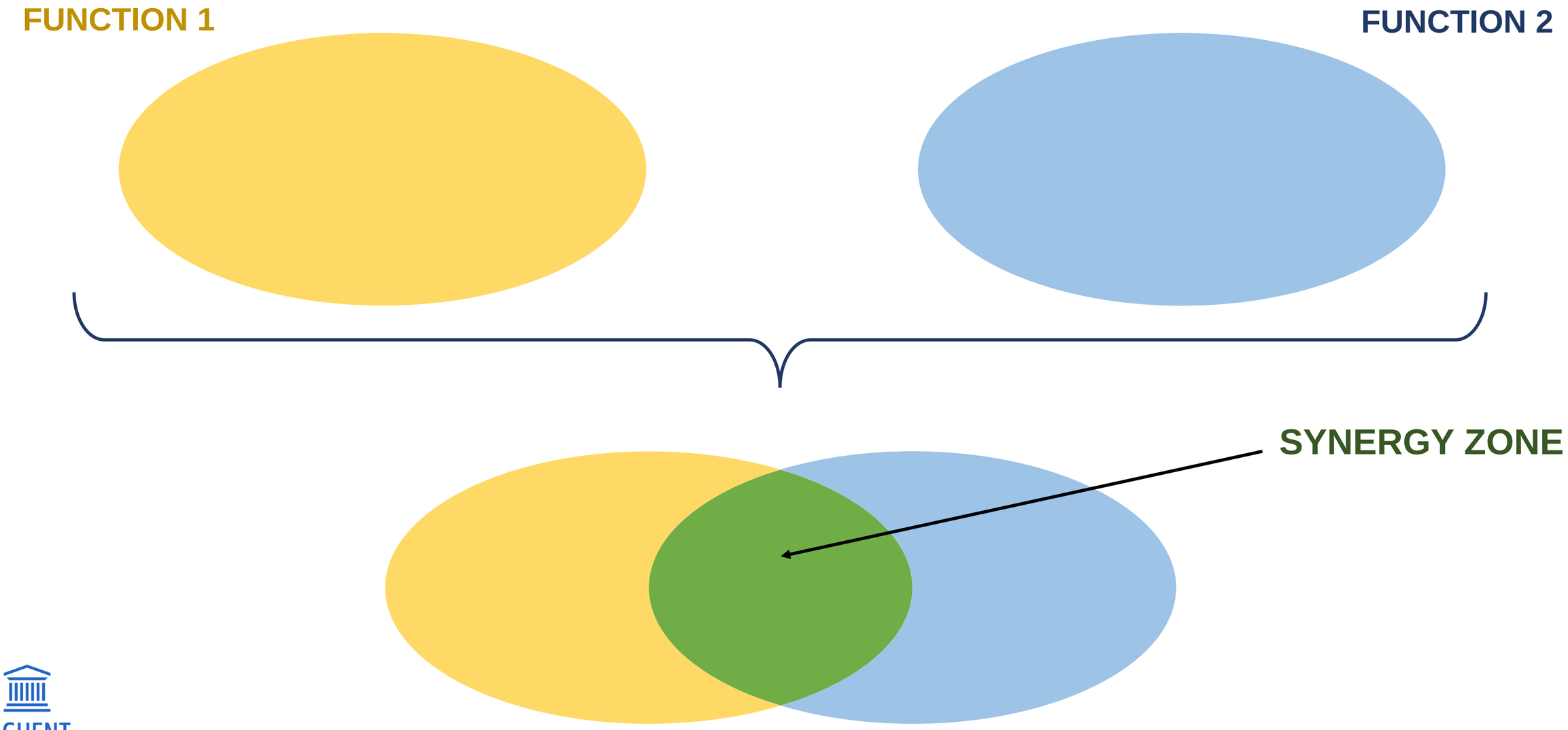
IT'S ALL ABOUT SYNERGY



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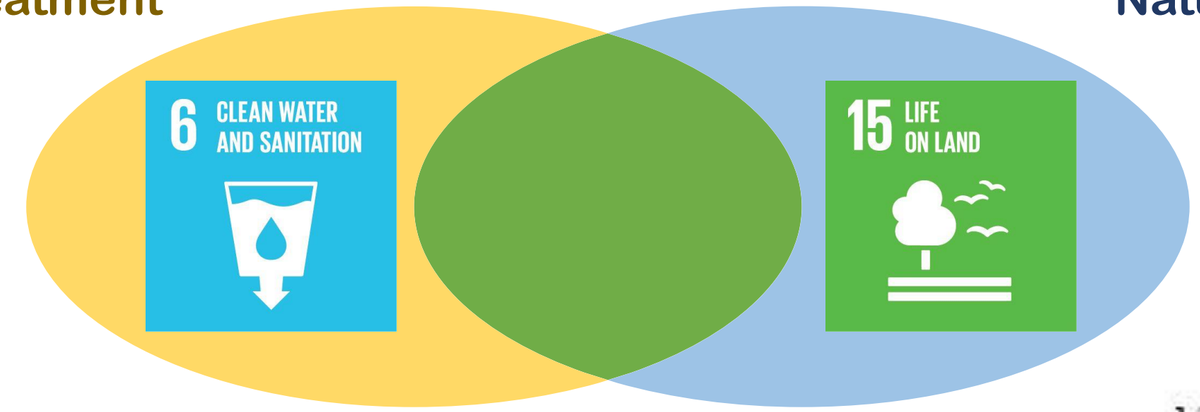
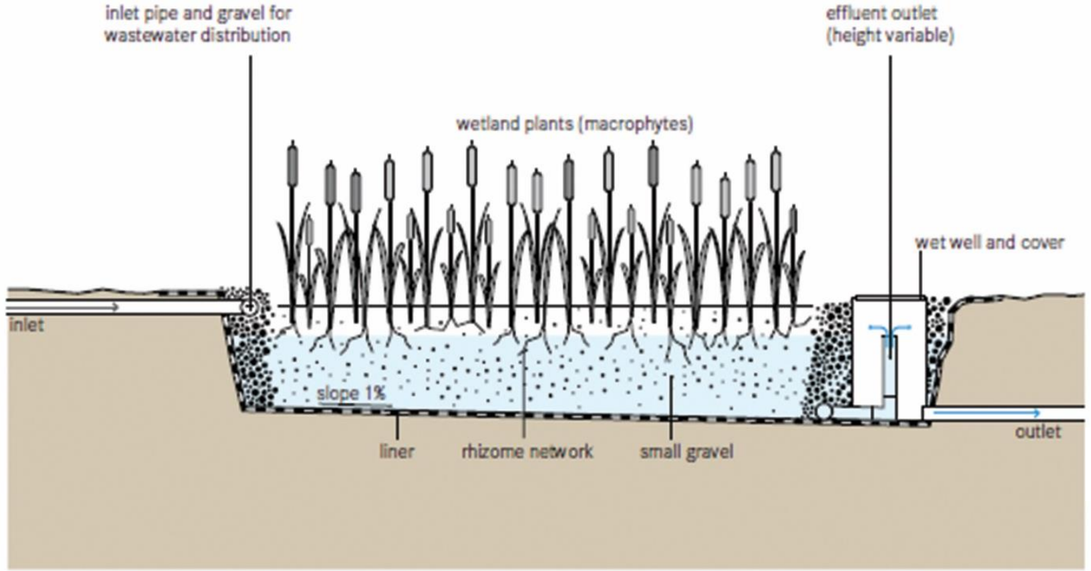
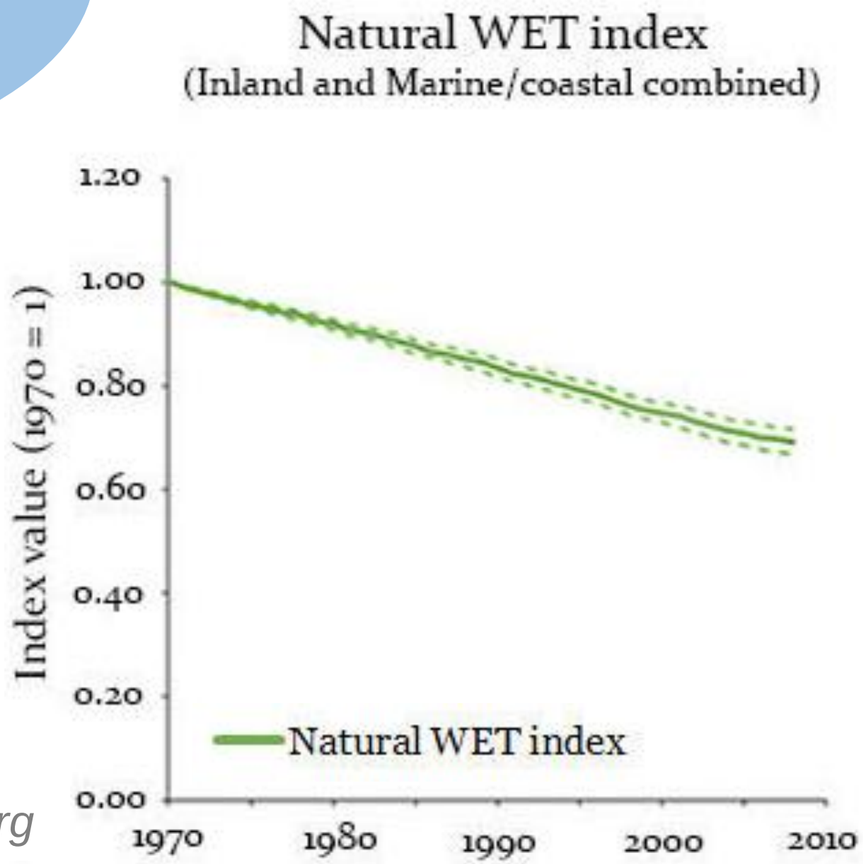
IT'S ALL ABOUT SYNERGY

Wastewater treatment

Natural capital

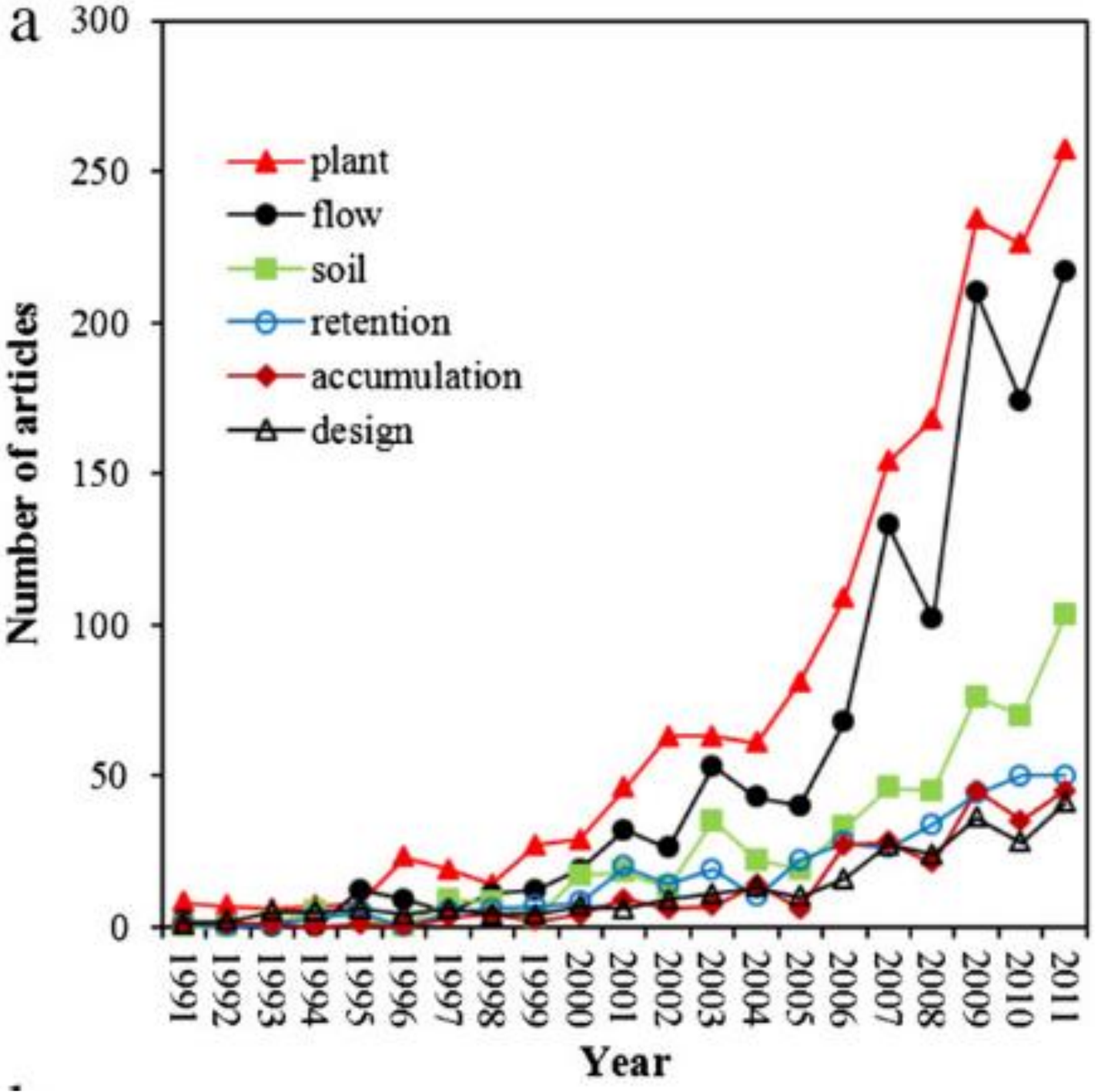






www.waterpathogens.org

www.unep-wcmc.org



6 CLEAN WATER AND SANITATION

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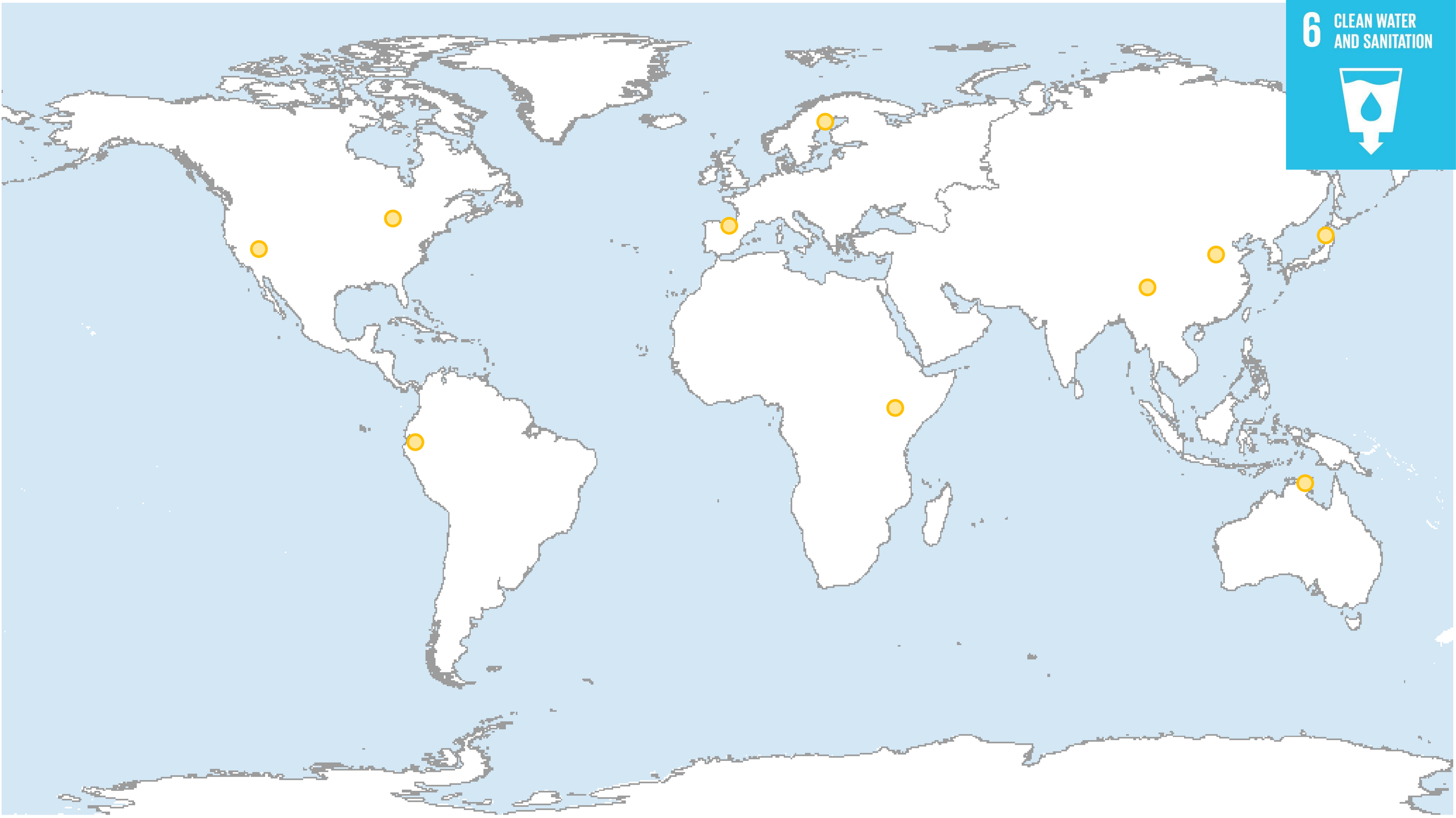
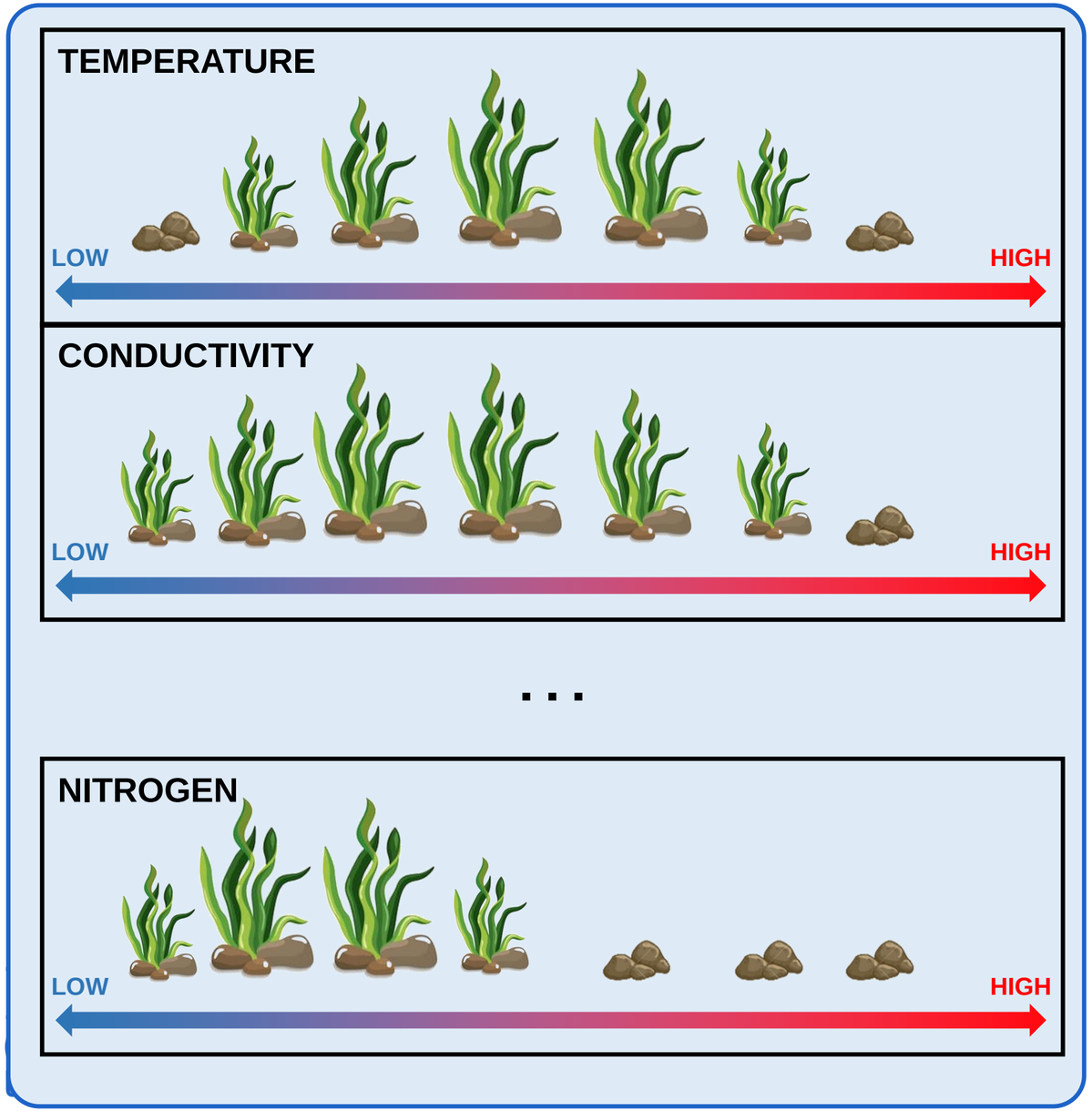
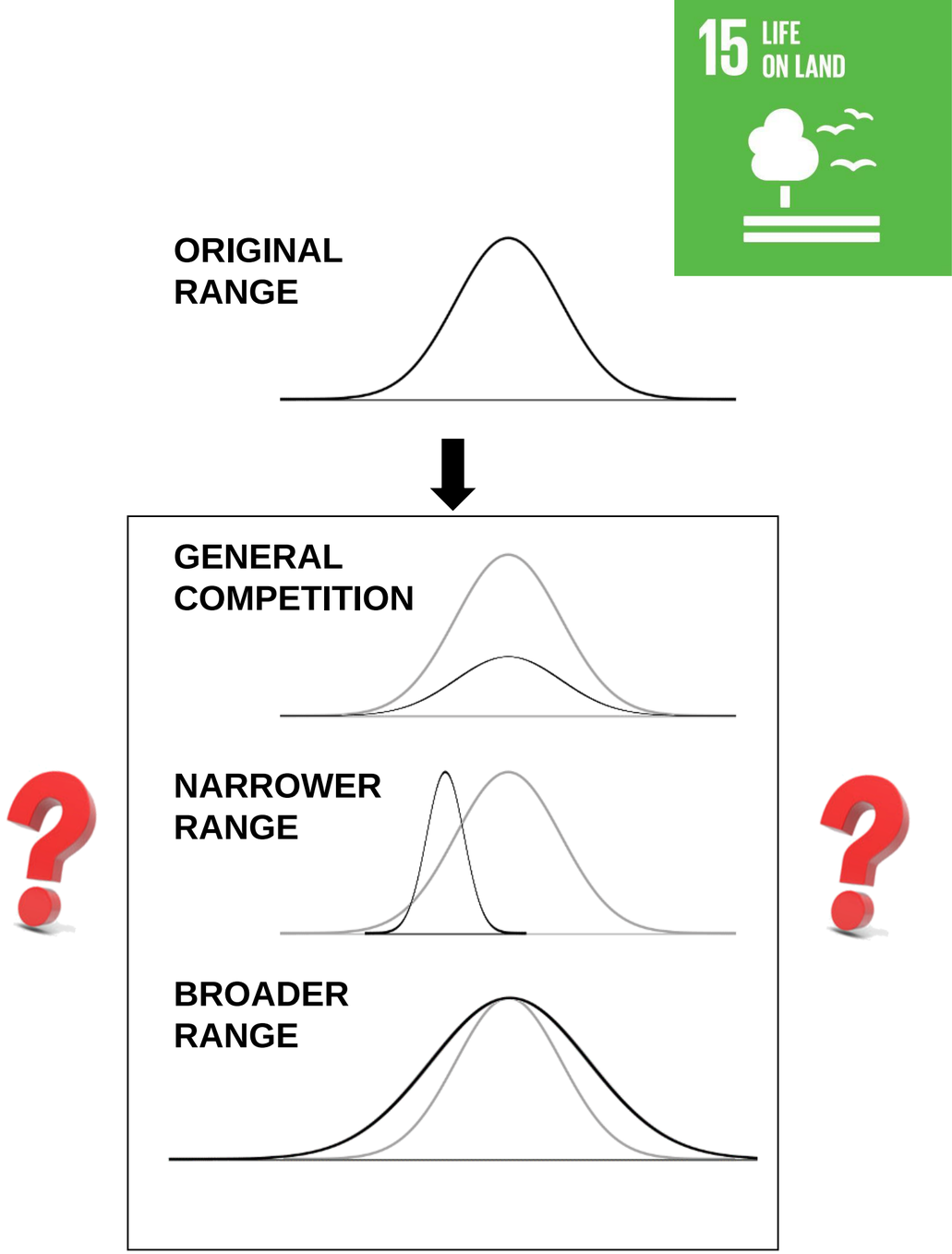
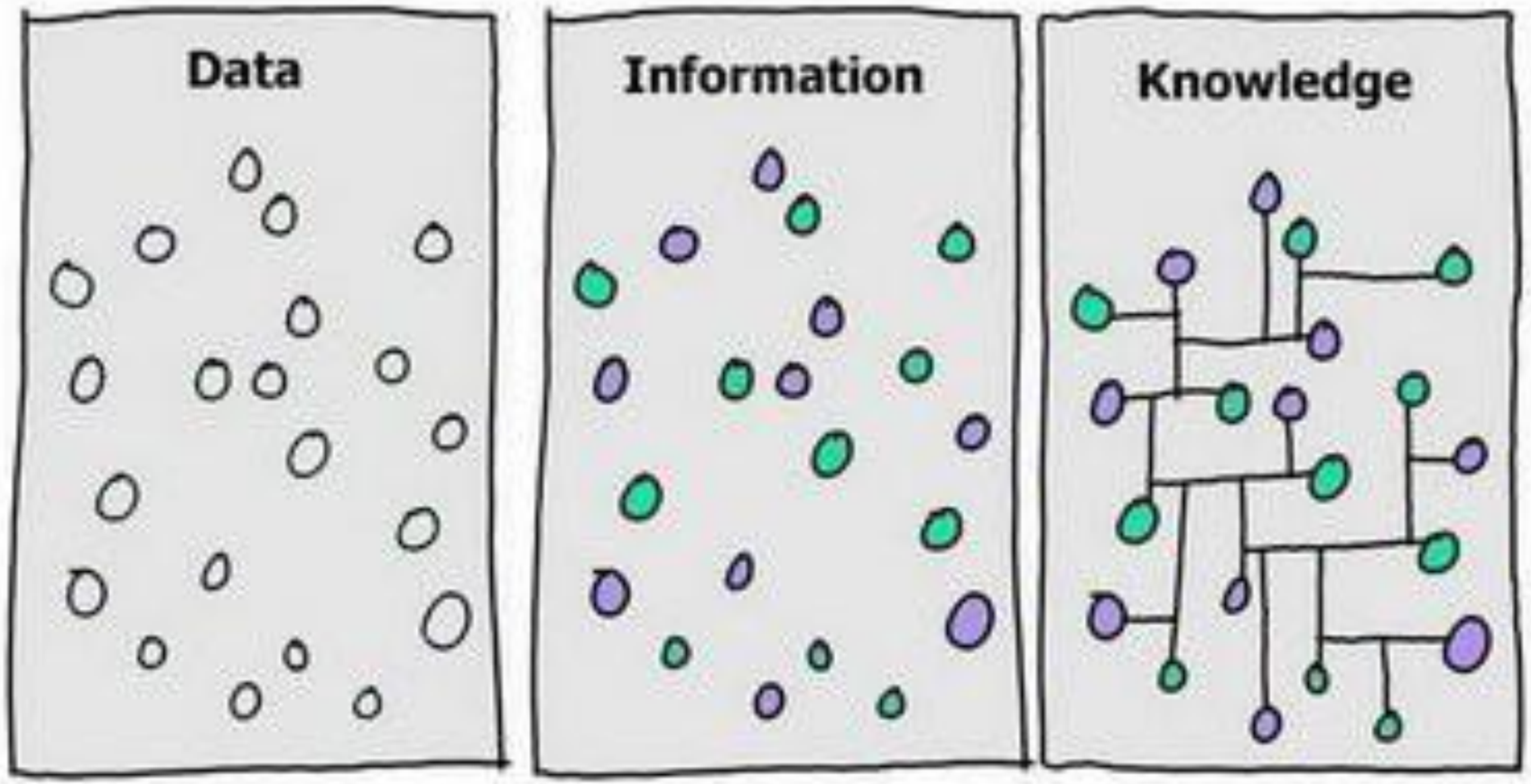
Zhi & Ji (2011), Science of the Total Environment


6 CLEAN WATER AND SANITATION

AQUATIC MACROPHYTE


TEMPERATURE
LOW
HIGH
CONDUCTIVITY
LOW
HIGH
. . .
NITROGEN
LOW
HIGH


15 LIFE ON LAND
ORIGINAL RANGE
GENERAL COMPETITION
NARROWER RANGE
BROADER RANGE



https://towardsdatascience.com

- **MISSING DATA**
- **TECHNIQUE**
- **SETTINGS**

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CONCLUSION

- Create database
- Emerging pollutants

- Plant niche identification
- Plant interactions
- Missing data
- Technique and setting selection

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Thank you for your attention!

¡Gracias por su atención!

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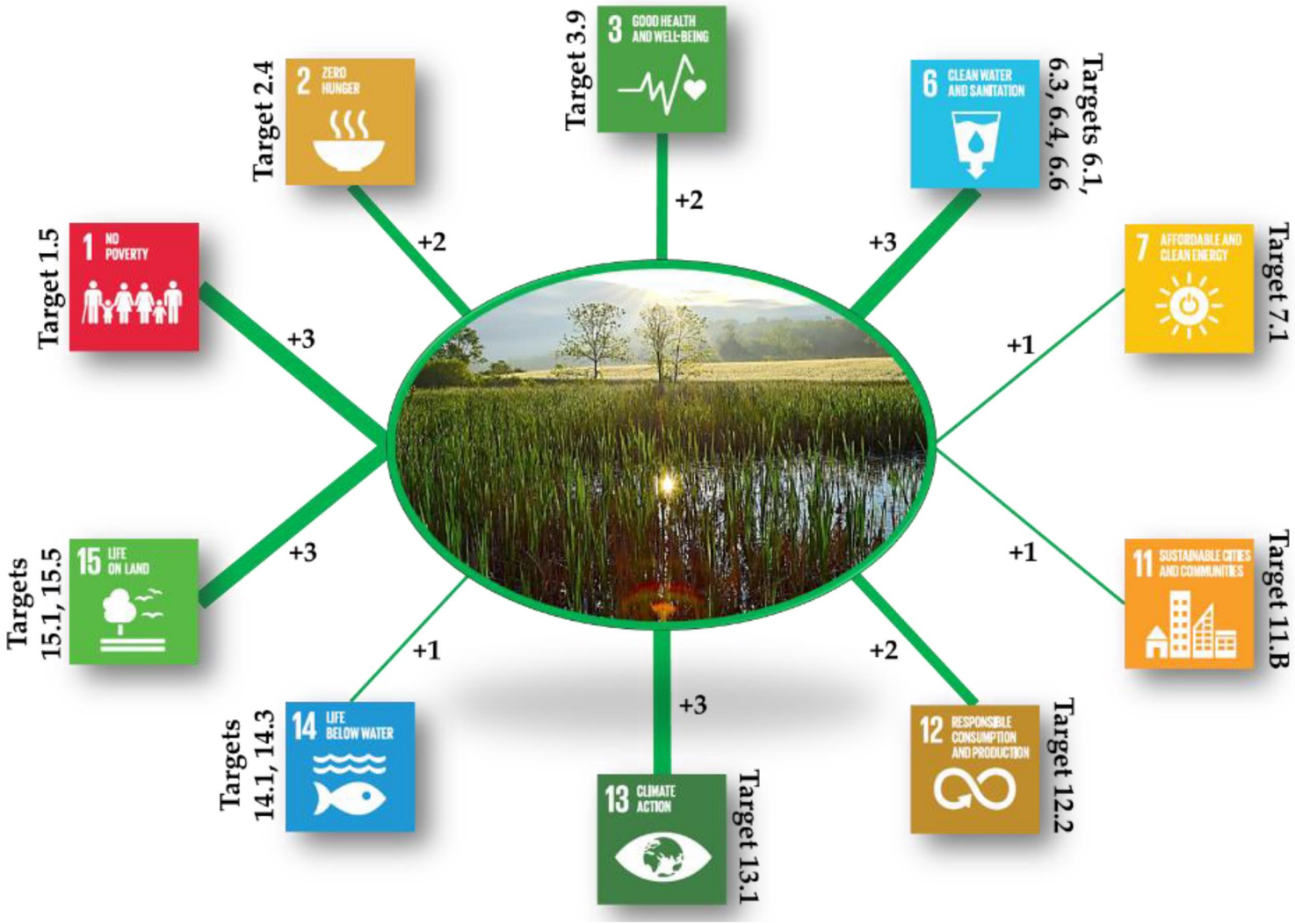

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