Presentation from

2016 World Water Week in Stockholm

www.worldwaterweek.org

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FreshWaterWatch

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Creating Knowledge, Inspiring Action.

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FreshWaterWatch

Local priorities
Global approach

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FreshWaterWatch

15,000 water samples collected

37 cities across the globe

8,000 citizen scientists trained

2,500 ecosystems monitored on **6** continents

30,000 hours of research

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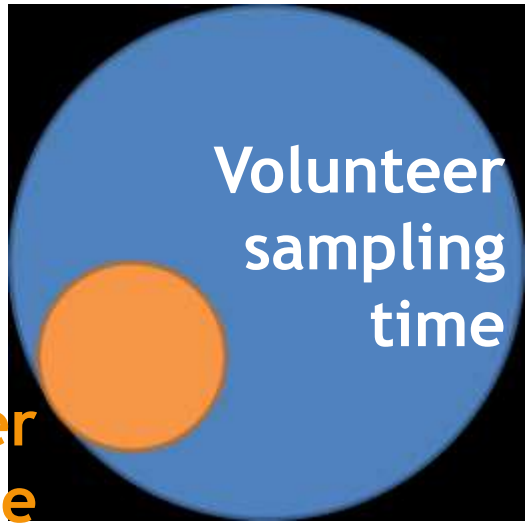
Return on ‘investment’ (for scientists, agencies, …)

15000 CS datasets in 3 years



2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024

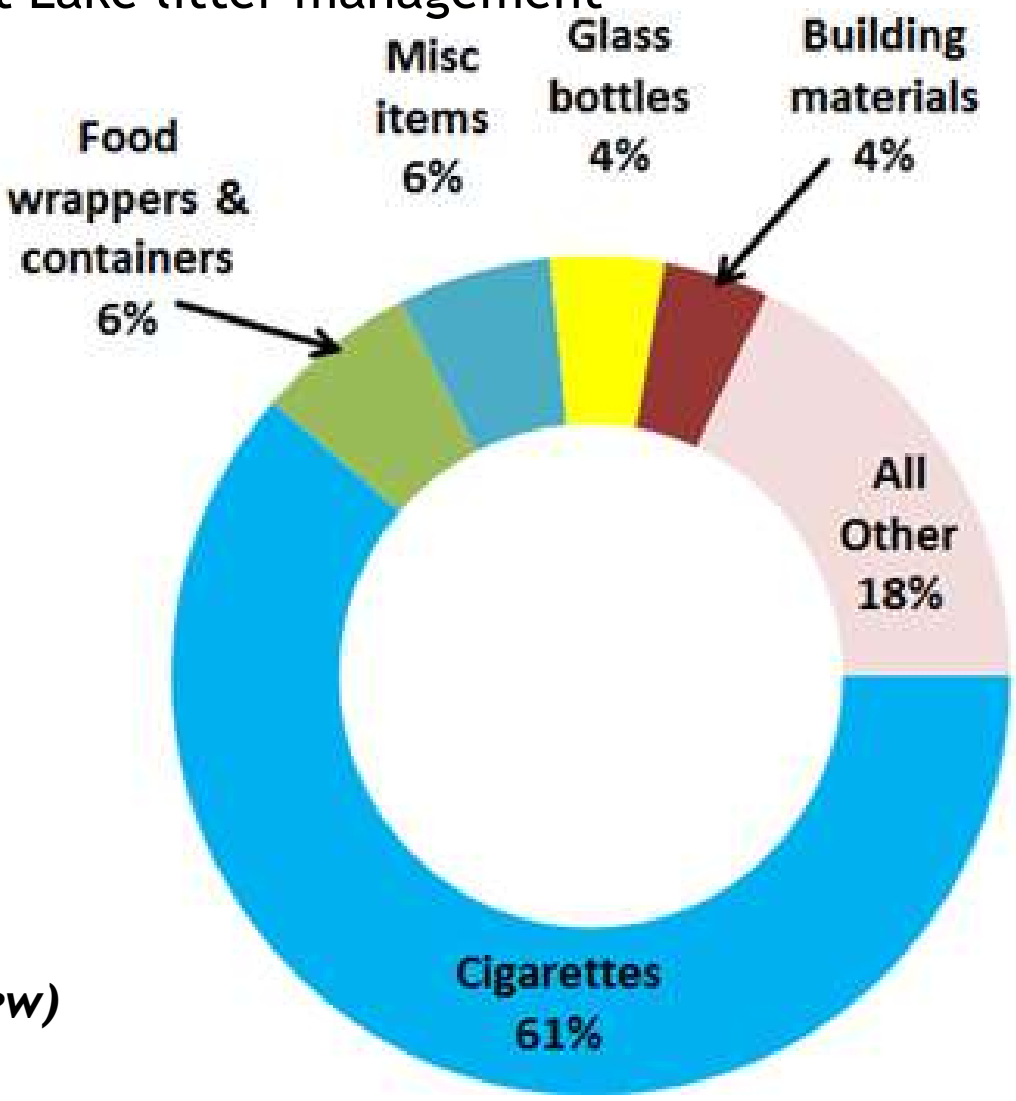
Local priorities: Example 1

Guangdong (China) fertiliser reduction

Xu et al. (in review)

Local priorities: Example 2

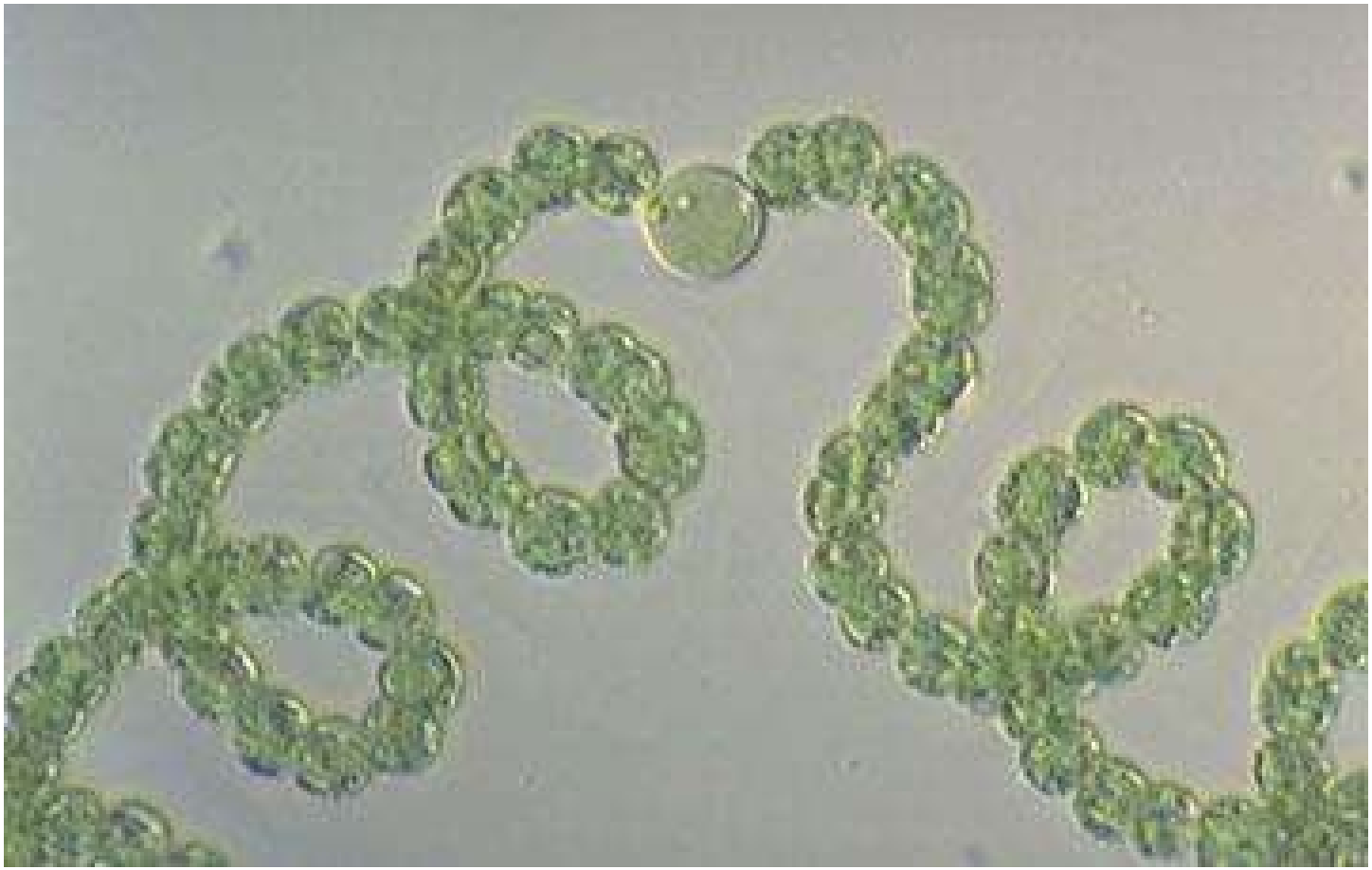
North American Great Lake litter management



Vincent et al. (in review)

Local priorities: Example 3

Brazilian Harmful Algal Blooms

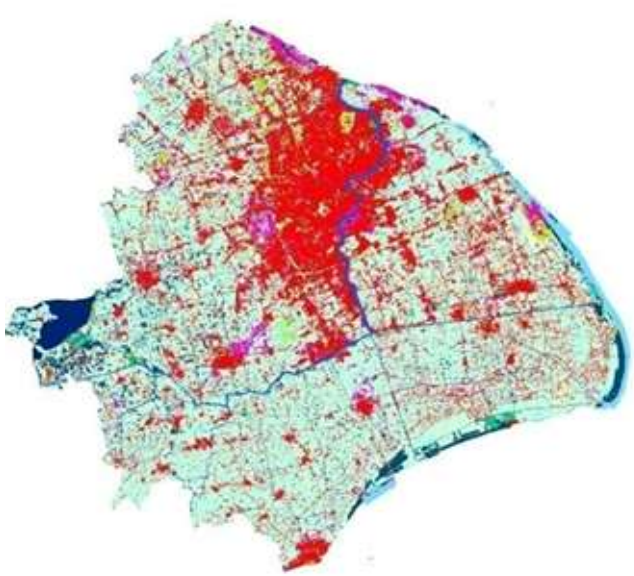


Cunha et al. (in review)

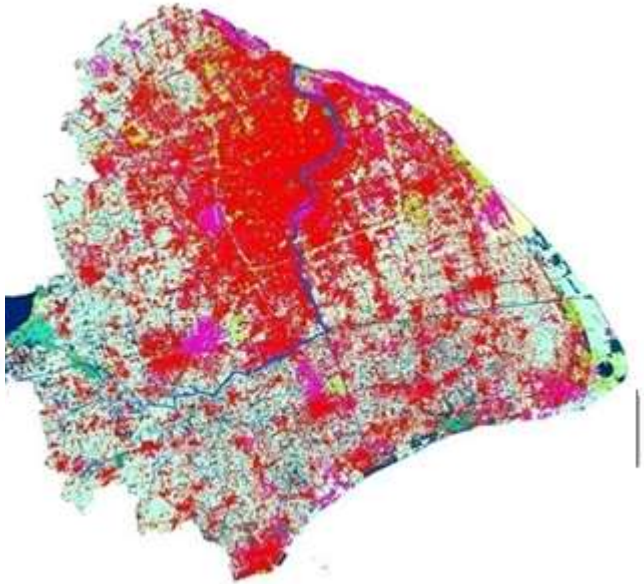
Global approach: Example 1

Identifying and mitigating drivers to ecosystem degradation in major urban centres in China

Positive impacts of increased vegetation cover
Negative impacts of impermeable surface cover



Shanghai 2000



Shanghai 2010

(Ho et al. in review)

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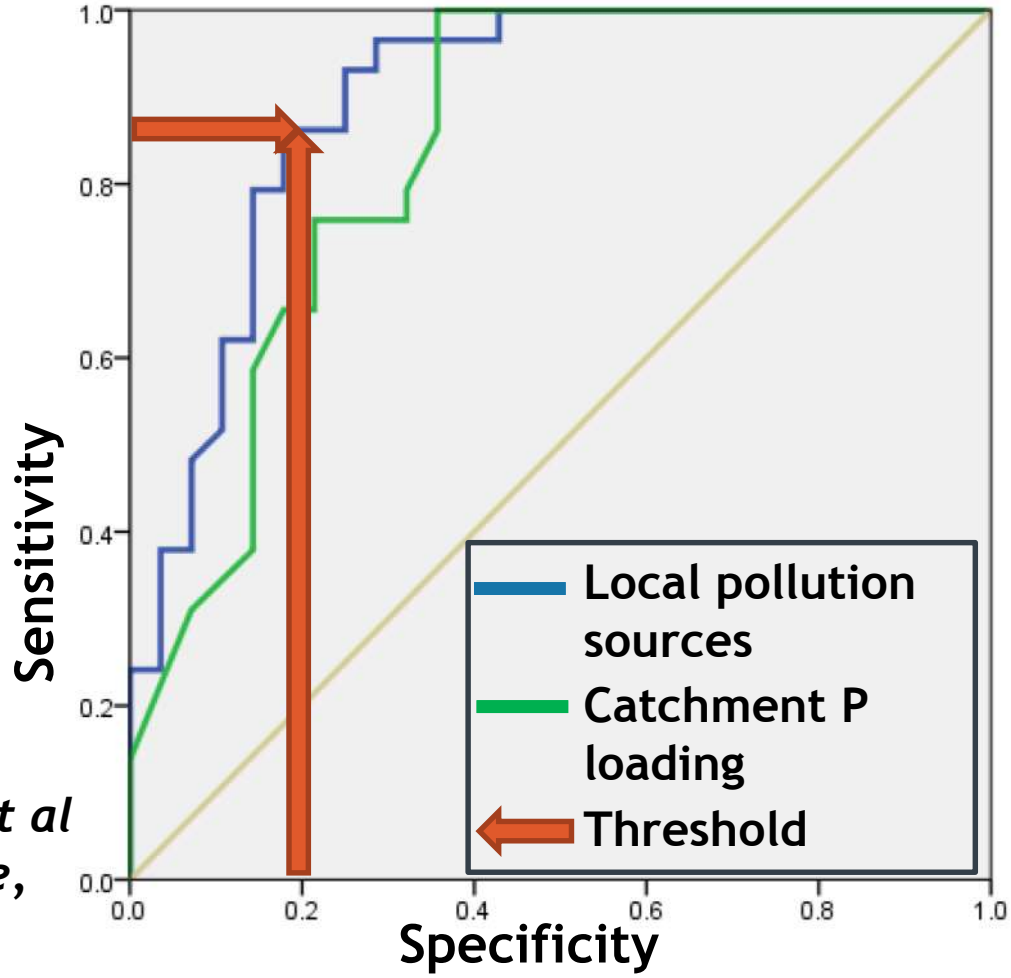
Global approach: Example 2

Thresholds of residential and urban pollution sources on eutrophication in American cities



Loiselle et al (PLOS One, 2016)

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Just the beginning…

- Horizon2020 Citizen observatories
- Community water source monitoring
- Catchment partnerships
- Engaged corporate citizen scientists
- *Come join us*

WaterAid

Catchment Based Approach
Partnerships for Action

pwc KPMG

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