The Future of Fisheries Resources Research

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OutlineIntroduction

Road map of my work

Communication of findings to stakeholders

Become a change agent in Fisheries

Introduction

- Present affiliation (2012 to Present): National Fisheries Resources Research Institute, Uganda
- Msc (2013-2015): Marine and Lacustrine Science and Management (Oceans and Lakes), VUB, Ghent and Antwerp University

Bsc (2009-2012): Fisheries and Aquaculture, Makerere University

Experience gained? From theory to practice

Fisheries resources

- Fish species
- The area of water or sea bed covered
- Method of fishing
- Class of boats
- People involved
- Fisheries resources
 - all organisms in the food webthe habitat of such resources

Human footprint

Can we study the aquatic resources without considering the role of humans?





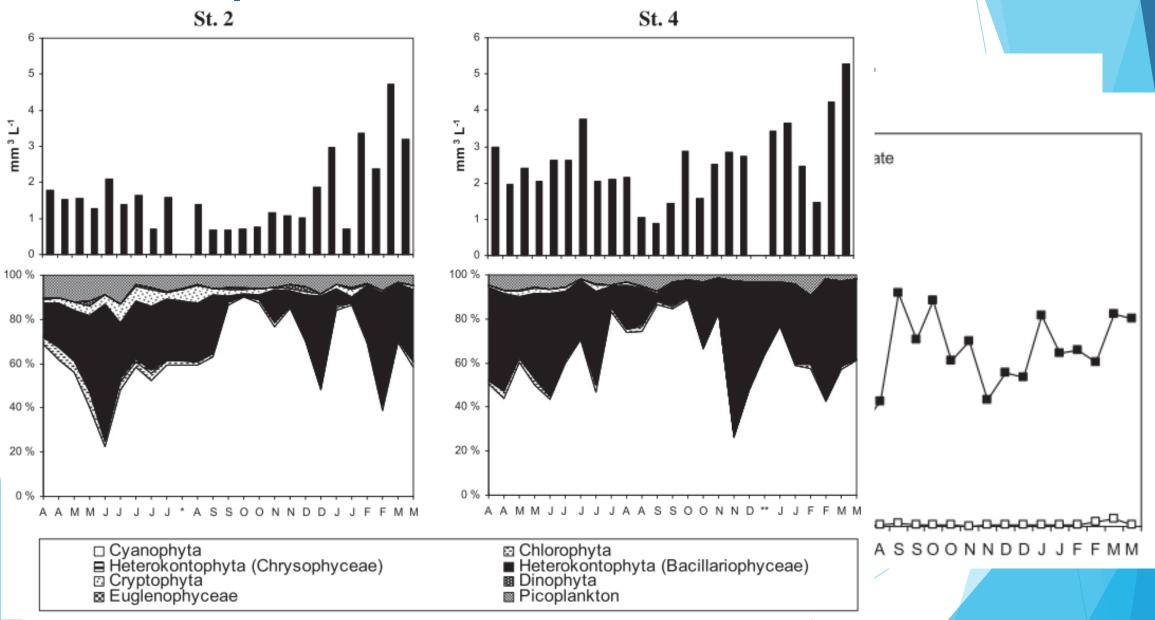
Road map: Lake Victoria

The water quality status and plankton species composition of Murchison bay, A HEAVILY POLLUTED BAY of Lake Victoria

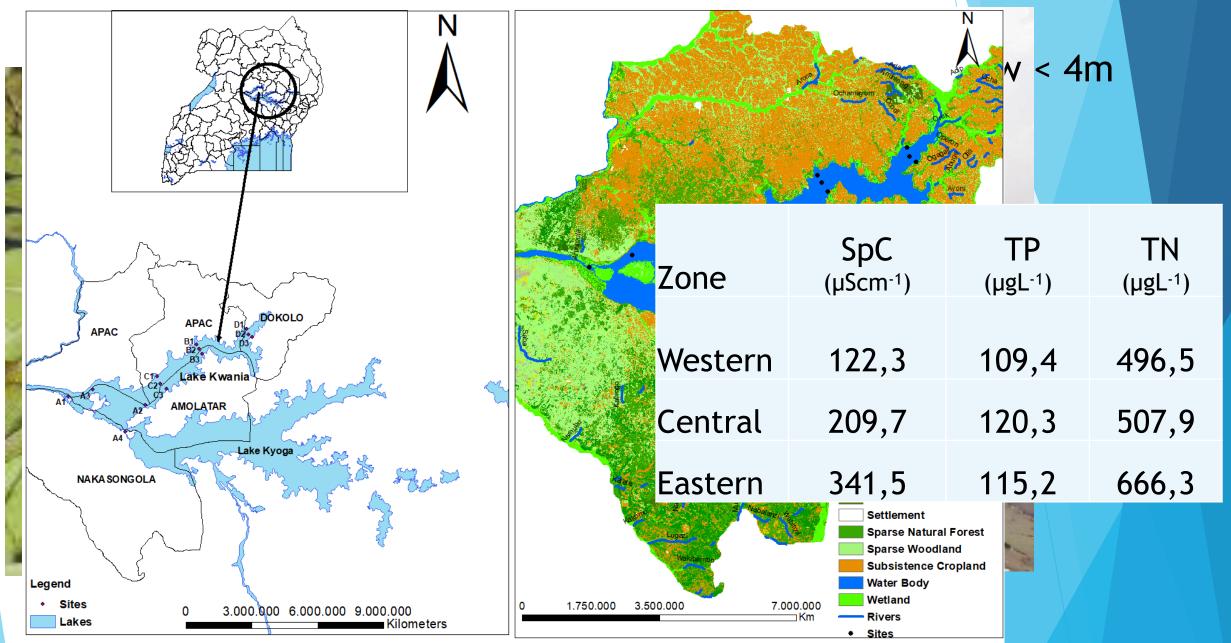


What is the implication of catchment impacts on the water quality and the fisheries?

Road map: Lake Victoria



Road map: Kyoga Lakes



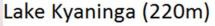
Road map: Crater Lakes (Msc)

Angela Nankabirwa, Christine Cocquyt, Wannes De Crop, Thijs Van der Meeren, John S. Balirwa, Dirk Verschuren



Increasing population
Agricultural activities
Threat to the water quality of the crater lakes
And the source of water for drinking.

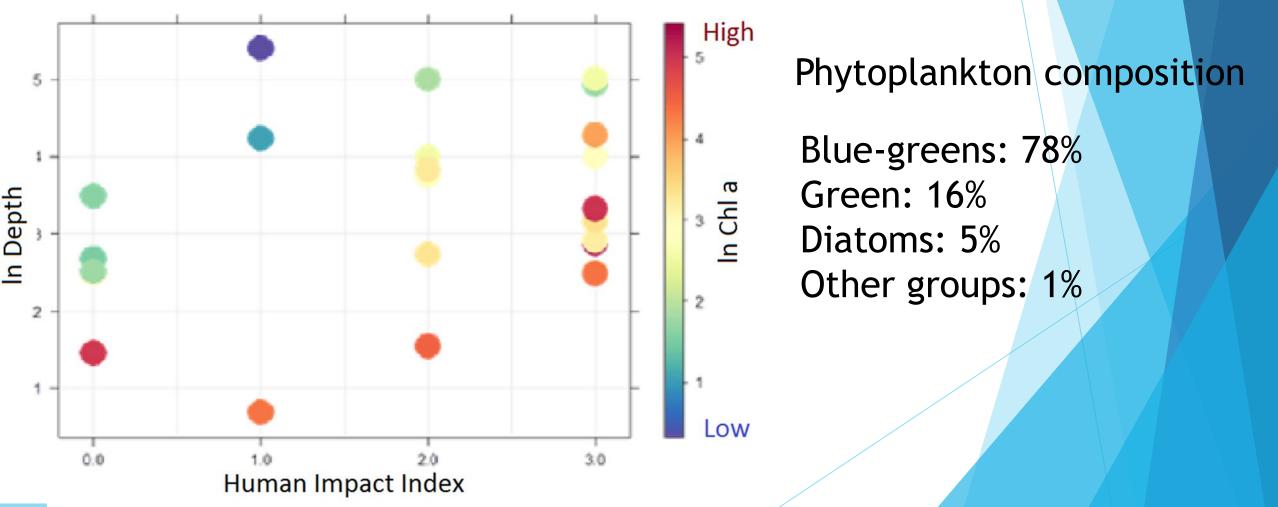






Road map: Crater Lakes

Does shallow always mean eutrophic? Does deep always mean oligotrophic?



Implications of the research

Take home

- Increasing importance of human activities on great Lakes
 - Eutrophication (pollution)
 - Increased abundance of cyanobacteria in the lakes
 - Weeds
- Climate change
- Overfishing
- IUU e.g. Lake Victoria

Fish production?

- Fish food
- Fish condition
- Effect on Fish production
- Contribution of Fisheries to economic development

Communication of Research findings

- Publications
- Conferences
- Reports (policy recommendations)



- Use of other platforms
 - Mobile Apps
 - M-omulimisa
 - Outreach to communities



How do we become change agents in aquatic resources?

- Work hard and excel at your studies
- Identify your niche to serving the bigger purpose
- Step up as young people (follow your passion)
 - Know the status quo of the threat
 - Embrace the fear of failure
 - Commit to following that passion e.g. voluntary work
 - Make partnerships
 - Be a team player
 - MAKE CHANGE HAPPEN

Thank you for your attention

