

ACARE-Annual Meeting of the African Great Lakes Stakeholders Network



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Position: Group and Country Lead

Advisory Group Name: LT-SAG

Day 1 Presentation
Mulungushi International Conference
Center
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Lusaka, Zambia



Presentation Outline

- **Biogeography of the Lake Tanganyika**
- **Advisory Group Founding: Goals and Objectives, and membership**
- **2024 Critical Objectives: Priorities, Achievements, lessons learnt and key take-aways**



Biogeography of the Lake

Altitude (surface)	773 m
Surface area	32,000 km ²
Volume	18,940 km ³
Maximum depth	1,470 m
Average depth	570 m
Residence time	440 years
Drainage area	220,000 km ²
Population in drainage area	>10 million
Population density in drainage area	45/km ²
Length of lake	670 km
Length of shoreline	1,900 km
Plant and animal species	>2,000 species
Commercial fish species	Clupeids, Centropomids



Advisory Group Founding and Goal

Key challenges:

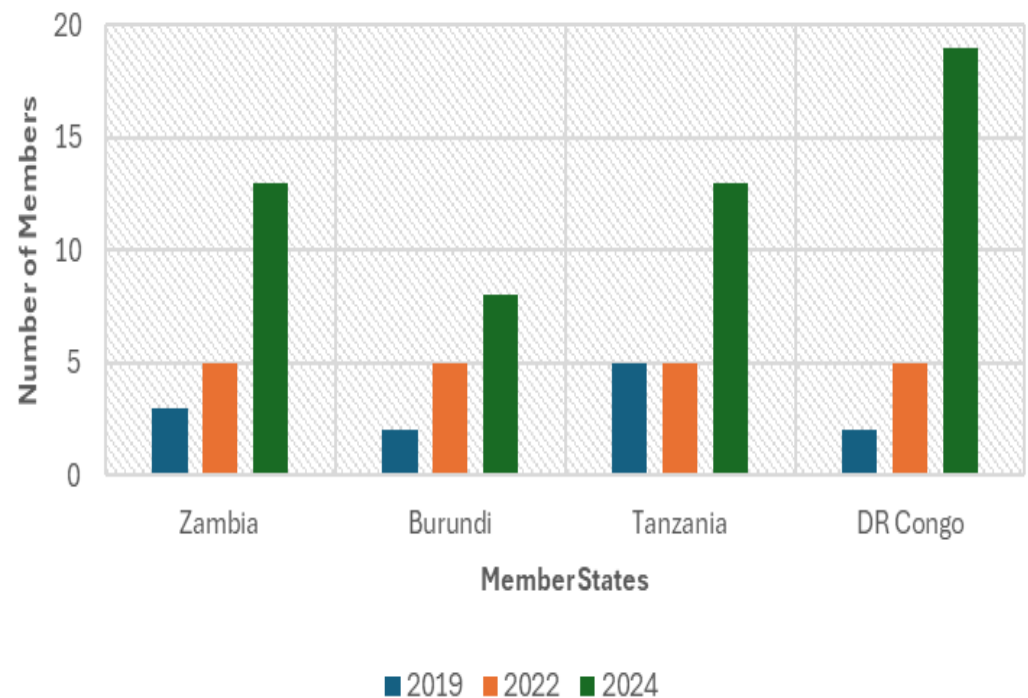
Pollution, sedimentation, habitat degradation, unsustainable fisheries (overcapacity), climate Change, and uncoordinated research and management

Common platform for regional member states to share common issues (successes and challenges)...



Lake wide network offering an opportunity for researchers /scientists to work together...

Membership to LT-SAG - 2019-2024



2024 Critical Objectives: Reflections on the Priorities

Objective	Status	Reflection
<p>To create committees of the Advisory Group for specific tasks.</p> <ul style="list-style-type: none"> a. Resource mobilization b. Communication/publication c. Policy and governance 	One committee formed.	Members need to volunteer and commit
<p>To hold an in-person/physical meeting of the Advisory Group in Burundi to review progress and interact with LTA.</p> <ul style="list-style-type: none"> • To establish collaboration with LTA for improved synergy sharing. • To introduce use of French and English for member states during monthly meeting 	<p>Efforts made to interact with LTA.</p> <p>Agreed to use English and translator App</p>	More engagements are required with LTA
<p>To analyze policy frameworks on fisheries management and aquaculture development and produce a policy brief.</p> <ul style="list-style-type: none"> • Focus to be on LTA's Convention & Charter, SADC Protocols, specific country policies. 	The LT aquaculture protocol reviewed.	More work required working with LTA and respective ministries of fisheries
<p>To value Lake Tanganyika resources (conduct valuation)</p> <ul style="list-style-type: none"> • Beneficiaries • Per capital consumption. • Biodiversity • Ecosystem services 	IUCN assessment and reassessment of fish species for the IUCN Red List	Need to mobilize resources: human, material and financial
<p>To create opportunities for capacity building for early career scientists</p> <ul style="list-style-type: none"> • Research apprenticeship to ongoing research work. • Short and specialized trainings in limnology (spectrophotometry, plankton analysis) molecular biology (eDNA) etc 	Localized national programme support	Need to mobilize financial resources

2024 Critical Objectives: Key Achievements & Take-aways

- 1. Holding monthly LT-SAG meetings**
 - Guest speakers at monthly meetings – sharing inspiring talks**
- 2. Participation in inter-advisory group meetings**
- 3. Advocacy and recruitment of new members to the group**
- 4. Setting up critical objectives**
- 5. Discussions among researchers and crafting research proposals**
- 6. Identification of specific interests and areas of strength among members – for formation of sub-committees**
- 7. Participation of LT-SAG members in assessment and reassessment of the Lake Tanganyika fish species for the IUCN Red List**

2024 Critical Objectives: Lessons & Areas of Improvement

- 1. Irregular participation at monthly meetings – due to other competing assignments**
- 2. Financial mobilization skills limitations**
- 3. Working with LTA**
- 4. Lots of information requiring consolidation**
- 5. Capacity building opportunities**



Lake Tanganyika Science
Advisory Group



LT-SAG

Thank you

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<https://www.agl-acare.org/advisory-groups>