

OIE Sub-Regional workshop on Antimicrobial Resistance in Aquaculture: Durban Meeting Recommendations



Conference of the
**OIE Regional
Commission
for Africa**



ONLINE

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Kevin W Christison



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Sub Saharan Africa – Aquaculture Production (1950 – 2010)

SADC contributes 0.08% to world aquaculture output (excluding seaweeds)

Percent contribution by country to total SADC aquaculture production of 69,851 tonnes in 2015

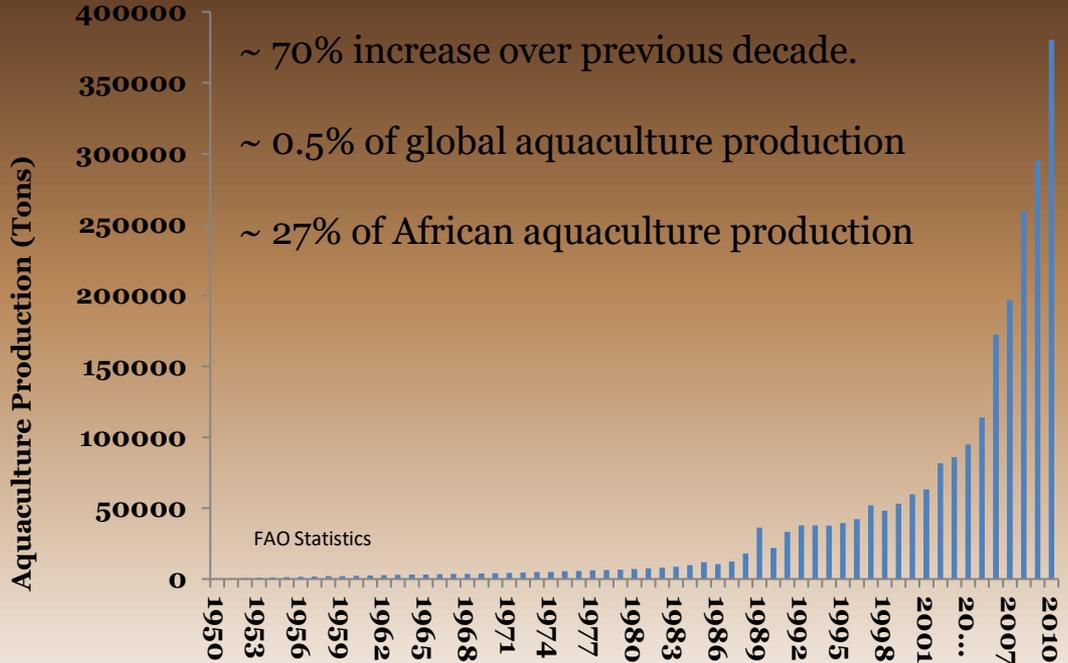
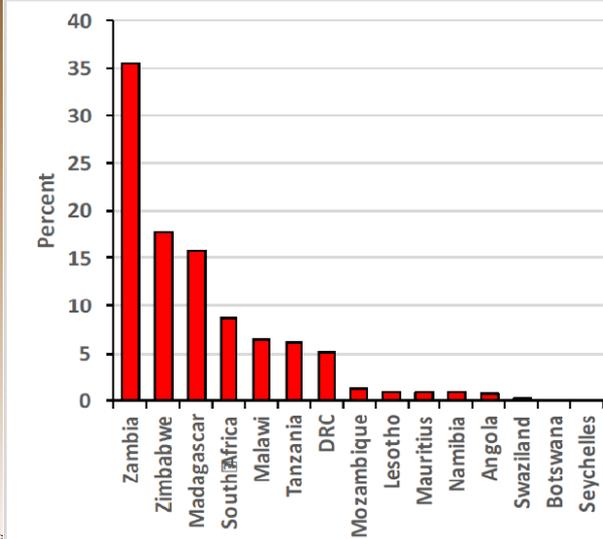


Image taken from Chenia 2019 – AMR in Aquaculture in the SADC region





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Categories of aquaculture production systems



Open

- Abalone ranching
- Stock enhancement

- No control of water, environment, animals or vectors



Semi-open

- Suspended baskets for molluscs
- Net pens for finfish

- No control of water or environment
- Some animals and vectors may enter or exit the system.



Semi-closed

- Ponds
- Raceways
- Flow-through tanks

- Some control of water and environmental conditions.
- Animals and vectors may be prevented from entering and exiting the system.



Closed

- RAS with safe water supply

- Control of water and environmental conditions
- Can exclude animals, vectors and pathogens.



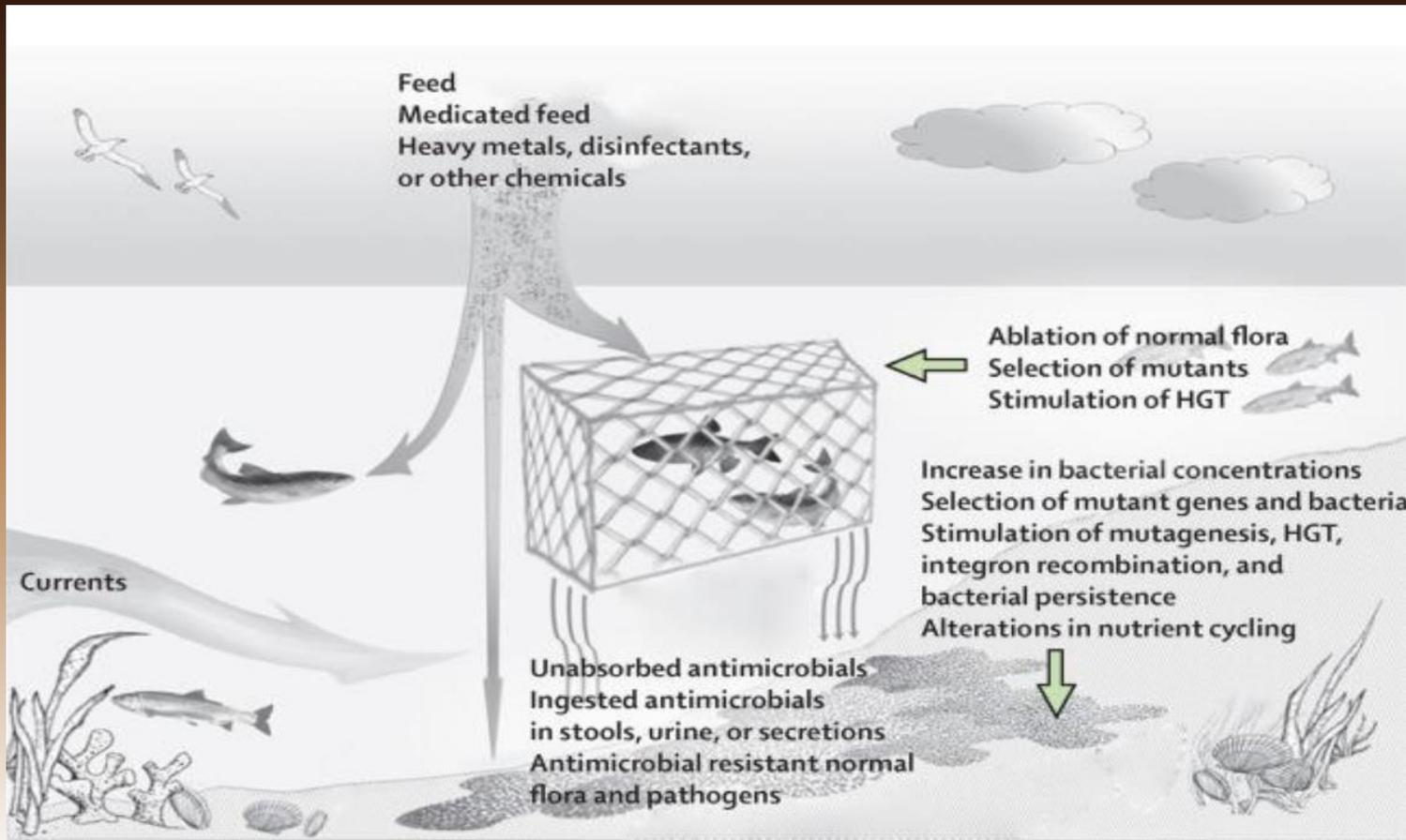




Image taken from <https://rr-africa.oie.int/en/trainings/sub-regional-workshop-on-antimicrobial-resistance-in-aquaculture-southern-africa/>



Recommendations:

- Tripartite: WHO; FAO; OIE
- OIE Members
- SADC Secretariat



<https://rr-africa.oie.int/en/trainings/sub-regional-workshop-on-antimicrobial-resistance-in-aquaculture-southern-africa/>

Recommendations: Tripartite – WHO; FAO; OIE

- Support member countries to:
 - Develop national action plans to include AMR surveillance in aquaculture.
- Capacity Development:
 - Antimicrobial use (AMU) data collection.
 - Laboratory capacity.
 - Vaccine production.
- Advocate for:
 - Information sharing.



Image from <https://www.who.int/zoonoses/concept-note/en/>

Recommendations: OIE Member countries

- Improve understanding and awareness of AMR.
- Enhance the evidence base.
- Reduction of incidence of infection.
- Optimisation of AMU.
- Compliance to international standards.



Recommendations: SADC secretariat

- Finalise SADC framework on AMR.
- Ensure aquaculture is integral part of SADC framework
- Continuous advocacy and capacity building.



Thank you
For your attention.

