



Freshwater ecosystems cover less than 1% of Earth's surface, yet are home to at least 10% of Earth's species.









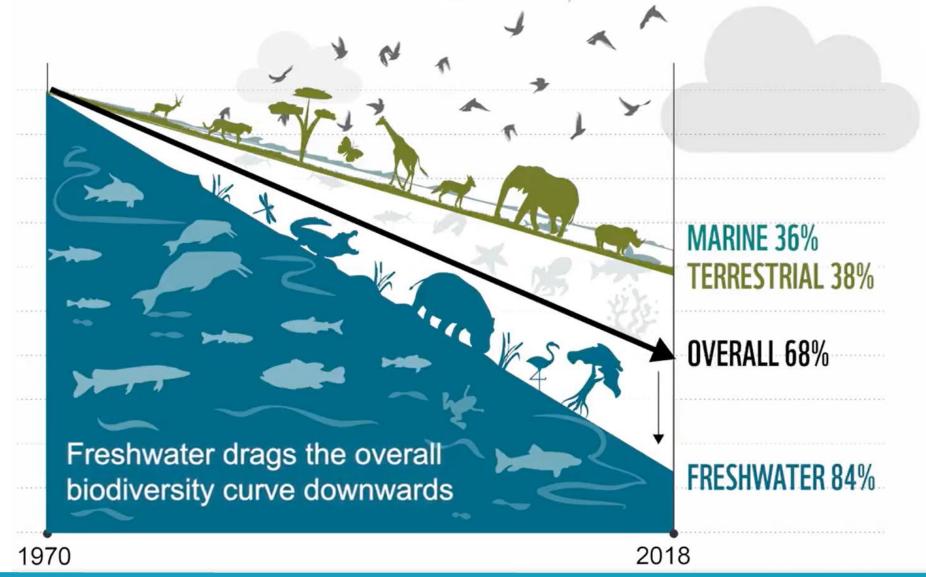






Global decline in biodiversity since 1970



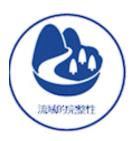














- **Material**
- Non-material
- Regulating







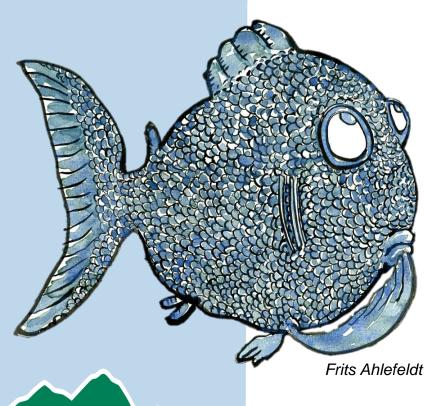








Why is biodiversity under-represented in river health programs?



- Logistical constraints
 - Biodiversity data are broadly lacking
 - Some programs rely on a few simple indicators
 - Water quality is often easier / more inexpensive to monitor
- Regulatory constraints
 - Existing policies may not prioritize biodiversity

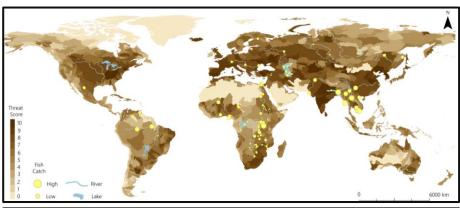


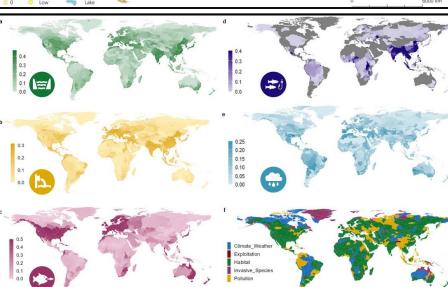
We need to think **outside** the fish bowl.





A basin approach to assessing the world's inland fisheries

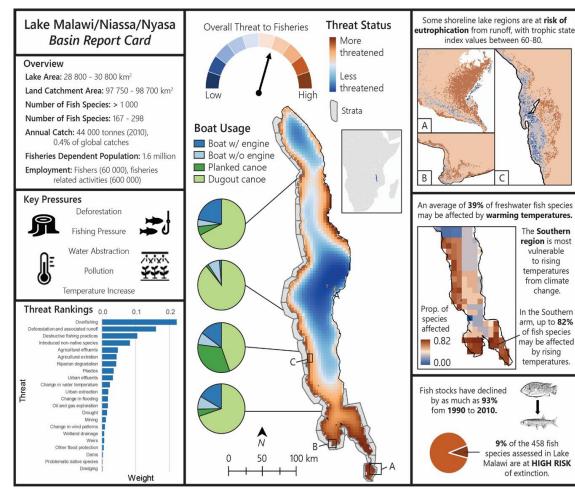




Global threat map

> Basin report card

Threats category







species assessed in Lake

Malawi are at HIGH RISK of extinction.

The Southern region is most

vulnerable

to rising

temperatures from climate

change.

In the Southern

arm, up to 82%

of fish species nay be affected by rising

temperatures



Icon Bank

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Partnership	35	https://thenounproject.com/icon/partner-712688/	State/Local Gov	0	https://thenounproject.com/icon/map-pins- 1024335/
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Connection	*	https://thenounproject.com/icon/network-625372/	Student		https://thenounproject.com/icon/grad-cap- 3838288/
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Non-Native Species	¥	https://thenounproject.com/icon/plant-2754751/	Wildlife Management	为	https://thenounproject.com/icon/moose-145927/
Global		https://thenounproject.com/icon/earth-1585344/	Goal/Projection		https://thenounproject.com/icon/goal-6454488/
Diversity/Inclusion		https://thenounproject.com/icon/foundation- 6002956/	Case Study	EQ.	https://thenounproject.com/icon/case-study- 3688379/
Disease		https://thenounproject.com/icon/virus-4531748/	Water (non ocean)	****	https://thenounproject.com/icon/river-4991005/
Forest/Tree	<u>.</u>	https://thenounproject.com/icon/forest-1060524/	Artificial Intelligence	5	https://thenounproject.com/icon/artificial- intelligence-4407443/

