

## BACKGROUND

- Kaunas Water Reservoir (65km<sup>2</sup>) in Lithuania: important commercial fishery since 1960s, but stocks got depleted
- Total ban on commercial fishing in 2013
- Rapid recovery of fish populations expected
- Recreational fishing impact was completely unknown, but expected to be small

### METHODS

- Detailed anlger counts in 2020s
- >900 onsite surveys (2016-2020) to record catches
- Mixed effect models to estimate total recreational catches
- Regular gillnetting scientific surveys



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How to release fish safely?



# Can angling change a lake ecosystem? Asta Audzijonyte, Justas Dainys, Eglė Jakubavičiūtė, Linas Ložys, Žilvinas Pūtys, Augustas Morkvėnas, Alina Raklevičiūtė



• Careful release of predatory fish after catch should be strongly encouraged or mandatory

(Nature Research Centre, Lithuania)

Asta

Justas

Eglė







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