Automation and objectivization of fish predators monitoring

Project name	Automation and objectivization of fish predators monitoring
Registration number	QK1920102
Realization date	1. 1. 2019 — 31. 12. 2021
Recipient	University of South Bohemia in České Budějovice Faculty of Fisheries and Protection of Waters
Grant program	Applied „ZEMĚ" research programme of the Ministry of Agriculture for the period of 2017–2025
Responsible solver	Dipl.-Ing. Petr Císař, Ph.D.

PROJECT ANNOTATION

The aim of the project is to create an automated solution for continuous monitoring of the occurrence and behavior of otters in breeding ponds based on camera systems, and also to create an automated solution for continuous monitoring of corridors and breeding behavior of breeding ponds based on a combination of camera systems and unmanned imaging.

PROJECT GOALS

Goals of project are: Create an automated solution for continuous monitoring of otter's occurrence and behavior in breeding ponds based on camera systems. - Create an automated solution for continuous monitoring of the presence and behavior of cormorants in the breeding pond area based on a combination of camera systems and unmanned imaging. - Implement software for data processing from camera systems to detect cormorants and otters, which produces numbers, occurrences and patterns of their behavior. – Develop a methodology for objective estimating fish losses from information produced by automated systems. - Compare the created solution with the existing methodology for estimating losses caused by fish predators.

http://auc.cz/software/2019.php#sberdatNAZV

PROJECT BUDGET

	Amount CZK
Total approved costs	8 891 thou. CZK
Public financial support	8 891 thou. CZK
Other public sources	0 thou. CZK
Non public and foreign sources	0 thou. CZK

CONTACT

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