



AREA

**ADVANCING RESEARCH IN AGRICULTURAL AND FOOD SCIENCES
AT FACULTY OF AGRICULTURE, UNIVERSITY OF BELGRADE**



AREA group AQUACARP

Field: AQUACULTURE

AQUACULTURE, HYDROBIOLOGY, HYDROECOLOGY, FISHERIES

Research and commercial expertise

- Designing and research works for the construction of fish ponds (technical and technological part of the project)
- Improving production and increasing profits at fish farms
- Expertise in quality of fish feeds and improving feed formulations
- Designing and implementing selective breeding programs for common carp and rainbow trout
- Expertise in fish histology and histopathology
- Acute and chronic toxicity testing of various chemicals on aquatic organisms



Equipment, techniques, methods and analyses

- Experimental center with 25 fish ponds, hatchery and modern equipment for selective breeding programs
- 2 fish nutrition laboratories (tanks, aquaria and recirculating aquaculture systems (RAS))
- Laboratory for fish toxicity testing (72 aquaria)
- Laboratory for chemical and biological analyses of water
- Laboratory for histological analyzes of fish
- Laboratory for molecular biology of fish and other aquatic organisms
- Capital equipment of AQUACARP group: amino acid analyzer; master analyzer; robot system for fish feeding, Oxyguard system for water quality control in the tanks and outdoor ponds, modern microscopes and binoculars equipped with cameras

Contact - Team leader

PROF. DR. ZORAN MARKOVIĆ

zoranmm@agrif.bg.ac.rs

ribarstvo@agrif.bg.ac.rs

Faculty of Agriculture, University of Belgrade, Nemanjina 6, Belgrade, Serbia;

www.area.agrif.bg.ac.rs; www.cefah.agrif.bg.ac.rs