


CURRICULUM VITAE

*University of South Bohemia, Faculty of Fisheries and Protection of Waters,
Research Institute of Fish Culture and Hydrobiology*

Personal information	
Name and surname:	Prof. Dipl.-Ing. Pavel Kozák, PhD.
Date and country of birth:	1971, Czech Republic
Marital status:	married
Address: USB FFPW, Czech Republic	
Street:	Zátiší 728
Postcode:	389 01
Town:	Vodňany
Telephone:	+420 724 504 921
E-mail:	kozak@frov.jcu.cz
Web:	www.frov.jcu.cz
	
Science and research results:	
<p>1) Publications on Web of Science (WOS) – 80</p> <p>2) Sum of times cited without self-citations from WOS – 622</p> <p>3) Average citations per item from WOS – 10.06</p> <p>4) h index from WOS – 15</p> <p>5) The best cited paper – 52 citations:</p> <p>Kouba, A., Buřič, M., Kozák, P., 2010. Bioaccumulation and effects of heavy metals in crayfish: a review. <i>Water Air, and Soil Pollution</i> 211: 5–16. (IF 2009 = 1,676)</p> <p>6) The best cited paper where Kozák is the first author – 16 citations:</p> <p>Kozák, P., Buřič, M., Polícar T., 2006. The fecundity, time of egg development and juvenile production in spiny-cheek crayfish (<i>Orconectes limosus</i>) under controlled conditions. <i>Bull. Fr. Peche Piscic</i> 380-381: 1171-1182. (IF 2011 = 1.520)</p> <p>7) The highest IF of the published paper:</p> <p>Kozubíková, E., Filipová, L., Kozák, P., Ďuriš, Z., Martín, M.P., Diéguez-Uribeondo, J., Oidtmann, B., Petrusek, A., 2009. Prevalence of the crayfish plague pathogen <i>Aphanomyces astaci</i> in invasive American crayfishes in the Czech Republic. <i>Conservation Biology</i> 23: 1204-1213. (IF 2011 = 4.692)</p> <p>8) Published 3 books, 4 chapters in book, 11 methodologies and technologies, 3 utility model; 3 patents.</p>	

Current Scientific Research Program:

Crayfish biology and breeding under controlled conditions. Protection programs of native crayfish. Ethology of native and invasive crayfish. Using of crayfish as a bioindicators. Fish reproduction. Incubation of eggs, rearing of fry under controlled environmental conditions, fry nutrition and feeding. Fish meat quality.

Education:

Professor (2015) – University of South Bohemia in České Budějovice, Faculty of Fisheries and Protection of Water, specialisation Fishery.

Associate Professor (2009) –University of South Bohemia in České Budějovice, Faculty of Agriculture, specialisation Animal Husbandry.

Doctor of Philosophy (2002) – University of South Bohemia in České Budějovice, Faculty of Agriculture, specialisation Animal Husbandry.

Master of Science (Dipl.-Ing., 1993) – University of South Bohemia České Budějovice, Faculty of Agronomy, specialisation Animal Husbandry.

Work experience in the Czech Republic:

2010 – present: Director deputy, Head of research program, Scientist of CENAKVA CZ.1.05/2.1.00/01.0024, University of South Bohemia in České Budějovice, Faculty of Fisheries and Protection of Waters, Czech Republic.

2009 – present: Director of Research Institute of Fish Culture and Hydrobiology, Faculty of Fisheries and Protection of Waters, University of South Bohemia in České Budějovice, Vodňany, Czech Republic.

2009 – 2013: Vice-dean for external affairs of Faculty of Fisheries and Protection of Waters, University of South Bohemia in České Budějovice, Czech Republic.

2009 – present: Head of laboratory of ethology and nutrition of fish and crayfish, Research Institute of Fish Culture and Hydrobiology, Faculty of Fisheries and Protection of Waters, University of South Bohemia in České Budějovice, Vodňany, Czech Republic.

2009 – present: Academic employee of Faculty of Fisheries and Protection of Waters, University of South Bohemia in České Budějovice, Vodňany, Czech Republic.

2008 – 2009: Academic employee of Research Institute of Fish Culture and Hydrobiology, University of South Bohemia in České Budějovice, Vodňany, Czech Republic.

2005 – 2008: Head of Department of Aquaculture and Hydrobiology, Research Institute of Fish Culture and Hydrobiology, University of South Bohemia in České Budějovice, Vodňany, Czech Republic.

2002 – 2009: Deputy head of Research Institute of Fish Culture and Hydrobiology, University of South Bohemia in České Budějovice, Vodňany, Czech Republic.

2002 – 2008: Scientific employee, Research Institute of Fish Culture and Hydrobiology in Vodňany, University of South Bohemia in České Budějovice, Vodňany, Czech Republic.

1995 – 2002: Researcher, Research Institute of Fish Culture and Hydrobiology, Vodňany, Czech Republic.

Work experience abroad

long-term cooperation with Suleyman Demirel University, Isparta, Turkey (presentations, EU project), stays of several weeks to 3 months in China (WUXI); Spain (University of Extremadura), Sweden (University of Lund), Russia, Estonia.

Experience with Research Projects supported by European Commission, France and USA

2011 – 2012: Lead Partner of the Turkish EU project: “The Enhancement of Crawfish Production and Marketing in Turkey”, EU Civil Society Dialogue Programme, *coordinated by Isparta Chamber of Commerce and Industry, Turkey.*

2004 – 2006: Co-leader for a part solved at Czech Republic, partner RIFCH USB, “Securing juvenile production of Eurasian perch by improving reproduction and larval rearing”, COOP-CT-2004 512629. **Sixth Framework Programme EU**, *coordinated by prof. Pascal Fontaine, University of Henri Poincaré, Nancy, France.*

Experience with other international research projects

2005 – 2006: Researcher, “Intensive and sustainable culture of the freshwater species tench”, COOP-CT-2004 512575-PROTENCH. **Sixth Framework Programme EU**, *coordinated by prof. Modesto Duran, GESINFIN, Spain.*

Experience with research projects in the Czech Republic within the last ten years

2012 – 2015: Responsible leader for FFPW USB section, “Diversity of native and invasive crayfish in Central Europe: from population genetic structure and reproductive”, P505/12/0545. *Supported by the Grant Agency of the Czech Republic.*

2010 – present: Responsible leader of WP4, “South Bohemian research center of aquaculture and biodiversity of hydrocenoses” (CENAKVA), CZ.1.05/2.1.00/01.0024. *Supported by the MEYS.*

2010: Responsible leader for FFPW USB section, “Practical evaluation of breeding technology of common carp with increased level of omega 3 acids”, CZ.1.25/3.4.00/09.00526. *Supported by European Fisheries Fund – Contractor’s project.*

2010: Responsible leader for FFPW USB section, “Reproduction of barb (Barbus Barbus L.) under controlled conditions”, CZ.1.25/3.4.00/09.00528. *Supported by European Fisheries Fund – Contractor’s project.*

2009 – 2011: Responsible leader, “The use of innovative biotechnological and produces for production of high-quality carp flesh with increased amount of omega 3 fatty acids and its effect on recovery of patients suffering from atherosclerosis”, QH92307. *Supported by the National Agency for Agriculture Research.*

2009 – 2011: Responsible leader for FFPW USB section, “Algae biomass as feeding supplement in the fish and crayfish aquaculture”, GA521/09/0656. *Supported by the Grant Agency of the Czech Republic.*

2007 – 2011: Responsible leader, “Development of new methods of rearing selected species for aquaculture using non-traditional technologies”, QH71305. *Supported by the National Agency for Agriculture Research.*

- 2007 – 2009:** Leader for RIFCH section, “Factors influencing negative impact of invasive crayfish in the Czech Republic: migratory capability, reproduction and pathogen transmission of crayfish plaque pathogen”, IAA601870701. *Supported by the Grant Agency of the Czech Academy of Science.*
- 2005 – 2011:** Co-leader of research task, “Biological, environmental and breeding aspects in fisheries”, MSM 6007665809. *Supported by the Ministry of Education, Youth and Sports (MEYS).*
- 2003 – 2007:** Responsible leader, “Development of new technologies of rearing commercially important riverine species of fish and crayfish endangered by environment degradation”, QF3028. *Supported by the National Agency for Agricultural Research.*
- 2003 – 2006:** Responsible leader, “Biological study of invasive spiny-cheek crayfish *Orconectes limosus* Raf. Under laboratory conditions”, 206/03/D064. *Supported by the Grant Agency of the Czech Republic.*

Relevant experience in the Czech Republic

- 2013 – present:** Member of Scientific Commission of University of South Bohemia in České Budějovice.
- 2012 – present:** Member of Council of the Institute of Animal Physiology and Genetics AS ČR, v.v.i.
- 2012 – present:** Member of the Working group for Programing 2014-2020 of the Ministry of Agriculture, *Ministry of Agriculture.*
- 2011 – present:** Member of Scientific Commission of the South Bohemian Research Center of Aquaculture and Biodiversity of Hydrocenoses" (CENAKVA), *Faculty of Fisheries and Protection of Watters, University of South Bohemia in České Budějovice.*
- 2011 – present:** Member of the project evaluation panel, *Czech Science Foundation.*
- 2010 – present:** Member of the panel for Pilot Projects of the Operational Programme of Fisheries 2007-2013, *Ministry of Agriculture.*
- 2007 – present:** Member of the Monitoring Committee of the Operational Programme of Fisheries 2007-2013, *Ministry of Agriculture.*

Relevant experience abroad

- 2002 – present:** Member of Crustacean Society.
- 1998 – present:** Member of International Association of Astacology.

Teaching in the Czech Republic

- 2009 – present:** Faculty of Fisheries and Protection of Waters, *University of South Bohemia in České Budějovice.*
- 1998 – 2009:** Faculty of Agriculture, *University of South Bohemia in České Budějovice.*

Teaching abroad

Invited lectures in University of Extremadura, Spain, University of Tartu, Estonia, Technological Educational Institute of Epirus, Greece and Sulleyman Demirel University, Isparta, Turkey – see Experience abroad.

Supervisor of BSc. theses

2009 – present: 7 students, *University of South Bohemia in České Budějovice, Faculty of Fisheries and Protection of Waters, Czech Republic.*

Supervisor of MSc. theses

2009 – present: 5 students, *University of South Bohemia in České Budějovice, Faculty of Fisheries and Protection of Waters, Czech Republic.*

2005 – 2009: 6 students, *University of South Bohemia in České Budějovice, Faculty of Agriculture, Czech Republic.*

Supervisor of PhD. theses

2007 – present: 8 students, *University of South Bohemia in České Budějovice, Faculty of Fisheries and Protection of Waters, Czech Republic.*