

INVESTMENTS IN EDUCATION DEVELOPMENT

Postdoctoral research fellow position (tutor Jan Kubečka)

Project title: *Fish population dynamics in lakes and reservoirs*

Fish Ecology Unit (FISHECU), Institute of Hydrobiology,

Biology Centre of the Academy of Sciences, Czech Republic

The position will be co-financed by the European Social Fund and the state budget of the Czech Republic.

Workplace:

FISHECU lab studies fish communities and the role of fish in food webs in large inland waters. The research follows a wide range of topics including patterns of fish distribution, behaviour, feeding activity, abundance and biomass in lakes and reservoirs. Its main strengths include state-of-the-art methodology for sampling large inland waters and a large dataset on major fish species in numerous Czech and other European reservoirs. Apart from primary research, the group also provides practical advice on stock enhancement and biomanipulation. See <http://www.fishecu.cz> for details.

Position summary:

We are seeking a highly motivated candidate, ideally with an interdisciplinary background spanning basic fish ecology and advanced data analyses. He/she will lead original research to elucidate the role of various biotic and abiotic factors in the observed growth patterns and long-term dynamics of selected fish species. The fellow will be responsible for consolidation of the present dataset and development of research agenda aiming at the understanding of the dynamics of fish communities in large inland waters, mainly in the Czech Republic. **The position includes a 4-month stay** at the Institute of Marine Research and University of Bergen in Norway. The fellow will also cooperate closely with mathematicians on the development of models of population and community dynamics.

Required skills: good knowledge of standard analyses of ichthyological/fisheries data (e.g. analyses of age and size composition, estimation of absolute/relative abundance, assessment of survival rates, analyses of individual condition). Good knowledge of theory explaining individual growth and dynamics of fish populations and ability to apply scientific Statistical methods. Good spoken and written English (corresponding to CAE or equivalent) or Czech language.

Teaching: The fellow will assist in training of students of various levels and is expected to independently supervise undergraduate theses.

Other activities: Active participation on other research activities of FISHECU IHB BC AS CR including fieldwork.

Duration of contract:

Selected candidate will be offered a position for up to 34 months starting from September 1st, 2012. The salary is about 1800 EUR brutto per month and this amount corresponds to a good living standard in the Czech Republic. Extension of the contract beyond 34 months may be possible, pending renewed funding.

Qualifications:

Interested candidates must have successfully obtained their Ph.D. degree in a relevant discipline after March 29th, 2008. A good knowledge of English language (corresponding to CAE or equivalent) is required. Some knowledge of the Czech language will prove useful.

How to apply:

Interested candidates should apply no later than July 31st, 2012, 12.00, by submitting the following documents and information to **J. Kubečka** (kubecka@hbu.cas.cz), C/c to **A. Navrátilová** (navratilova@bc.cas.cz): (1) Cover letter explaining the candidate's research interests; (2) Detailed CV including a list of publications and other achievements; (3) Certified academic transcripts and diplomas (scanned copies); (4) List of minimally two referees who can testify on the candidate's character and performance; (5) Declaration of the candidate's proficiency in English.

Announcement of results: The Evaluation Committee will convene in August 2012 and candidates will be immediately informed of the results.