

Program Scientific Branch Development — Social-Sciences Aspects of Human Movement Studies

Program code: P39

Coordinator: prof. PhDr. Marek Waic, CSc.

Annotation of the Program

The program includes the development of such sub-branches of kinanthropology that regard the research and analysis of the human movement influence in the society. In the same time, the program will be directed to clarify the multi-sided relations of sport and other physical activities in the actual Czech society. We shall not forget also the influences of these social relations by the Czech membership in the EU and by the actual global trends in the sport development. The accentuation of the complex social-sciences approaches in the kinanthropological research reflects the fact that the traditional mono-causal relations interpretation between the movement activities and their social benefits cannot explain their complexity well enough.

The project solution in its complexity as well as in its partial tasks assumes a differentiated usage of different methods – from meta-analysis of both national and foreign projects, monitoring and evaluation of movement regimes, to their experimental verification and interpretation in a triangular approach of quantitative and qualitative data. Up to the state of elaboration in its partial domains, the project will include also the creation and standardization of new research methods, which will be constructed so that they can be compared with the outcomes of former national projects and with the results of actual foreign research. We also assume direct cooperation with foreign partners.

Sub-Branches of the Social-Sciences Aspects of the Human Movement Studies Developed as a Part of the Program

The research team will focus mainly on the following domains of movement activities effects in a society with such a high economic, cultural, social and informational level as the Czech Republic has reached:

PHILOSOPHY AND HISTORY OF SPORT

Research team leader: prof. PhDr. Marek Waic, CSc.

The research will contain two parts:

1. Philosophy and Ethical Values of Sport

This research is theoretical and its aim is in studying the moral values in different types of movement activities, which show up specific values both from the point of view of the recreational movement activities and from that of a competition sport, but also from the point of view of different sorts of movement activities (health development activities (yoga and similar), collective sports, endurance sports, fight activities, dangerous sports, adrenaline sports, sports in the nature, etc..).

The research will also focus on the relationship of moral values to both the social health and the quality of life.

An analysis of secondary sources, i.e. national and mainly foreign literature and already realized sociological research will be a *dominant methodological approach*.

2. History of Sport

Within the program, historiography of sport will keep its orientation at the history of the physical education and sport since the 19th century till nowadays and on their contribution to the development of the society in the Central Europe. We also will focus on the role of the physical education and sport in the formation of the modern Czech national society and on the place of this phenomenon in the life of Czechoslovakia between WWI and WWII, including the activities of the German physical education and sport in the Czech lands and in Czechoslovakia. We shall not forget the effects of the global physical education phenomena, i.e. the Olympic movement and the universal Anglo-American movement YMCA in the Central Europe.

The dominant methodological approach used will be research of archive documents and *of historical press and literature*. Where it is possible, we shall use oral historiography methods, i.e. directed interviews with eyewitnesses.

PAEDAGOGY OF SPORT — STANDARDS OF PHYSICAL PROWESS AND MOTORIC EFFICIENCY OF THE YOUTH

Research team leader: prof. PhDr. Antonín Rychtecký, DrSc.

Aims of the project:

- To contribute to the development of the theoretical concept and evaluation of the physical prowess and movement efficiency of the youth as feedback information to the optimization of their movement regimes,

- Monitoring of movement regimes, physical prowess and movement efficiency of children and the youth in the age of 10–24 years, of pupils and students of elementary and high schools, university students, sports talents and individuals with specific needs,
- Analysis of results on the physical prowess and movement efficiency, calculation of standards and norms and their implementation (manual) for practical use.

Dominant methodological approach: Monitoring of movement regimes of the youth with usage of the standard COMPASS methodology, measurement thanks to the physical abilities tests (Eurofit Test). The physical prowess and its attributes (movement abilities) shall be examined in the actual sport conditions, both in schooling and leisure sportive activities, exactly up to the manuals.

The project realization will focus as well on the national environment as on the cooperation and mutual comparison of results with comparable European projects. We dispose of both our former studies data and foreign research data.

PAEDAGOGY OF SPORT – SPORTIVE PREPARATORY DEVELOPMENT WORK OF CHILDREN AND THE YOUTH

Research team leader: doc. PaedDr. Tomáš Perič, Ph.D.

The main goal of the research is the analysis of the prerequisites of the children for their efficiency development in later age periods. This shall be done mainly through appropriate simulations of movement capabilities and the movement skills improvement, both in specific and non-specific modes.

Dominant methodological approach: Elaboration of modules of prerequisites for efficiency development since pupils till junior categories in chosen types of sport on the basis of the literature research, analysis of actual research, and directed interviews with trainers and other experts.

Experimental verification of these modules and their monitoring on a chosen time axis, followed by statistical examination of the results.

PSYCHOLOGY AND SOCIOLOGY OF SPORT

Research team leader: prof. PhDr. Pavel Slepíčka, DrSc.

The main goal of the research shall consist in analyzing the psychosocial conditionality of the movement-active/inactive life style.

Research activities shall be directed to the problematics of the social stratification influence on the involvement to the movement activities and the corresponding queries on the support of sport on the local and regional level as conditions to an active life style of the population.

In the domain of micro-social effects, the focus is on the problems of mutual connections between psychological and social indicators of the sporting and sport-inactive population, mainly on the seniors and the youth, regarding the problems of the cognitive functions of the sporting and sport-inactive populations. There, we shall follow the evolution of the cognitive processes in the period after reaching the maximal level of efficiency, and we shall also focus on the questions regarding the cognitive-emotional determination of motivation of movement activities at the chosen sub-groups of the population.

The dominant methodological approach shall use between others the methods of quantitative research and to that corresponding methods of data collection (mostly by questionnaires), and this mainly in the cases of macro-social aspects of sport. It shall also use qualitative methods, centered mainly to the domain of the motivation of individuals to sport activities or sport policy. The queries of the quality of the cognitive processes in relation to the movement activities shall be tested in laboratory conditions with the usage of standard methods designated for the specific domain.

ECONOMICS AND MANAGEMENT OF SPORT

The research will contain two parts:

1. *Economic sources of sport organizations and sport events*

The main goal shall consist in analyzing the financing of sport organizations from public sources in the European space, and in elaborating an overview of used economical indicators in this domain. It shall consist also in analyzing the marketing ensurement and the usage of private sources by the sport organizations in the Czech Republic – the formation of sources of sport organizations in the domain of sponsorship and business activities, and in analyzing the human resources of sport organizations – focusing on the assertion of the graduates of the Management of sport studies in practice, competence of a sport manager.

Dominant methodological approach: Secondary data collection from existing literature and documents and their analysis.

2. *Marketing of Sport Services*

Research team leader: doc. Ing. Eva Čáslavová, CSc.

Here, the main goal shall be in elaborating the standards of quality management of sport services and establishing the main factors of customer satisfaction, elaborating of customer typologies.

Dominant methodological approach: Quantitative research methods shall be connected with a hypothetical-deductive model. On the basis of scientific literature studies, discussions with experts and own experience, hypotheses shall be stated and afterwards also tested.

As a method of research, we shall use observation, and a cross-section_study for its design. This cross-section study follows the assumed cause and the outcome at the same time.

The basic instrument for data collection shall consist in a questionnaire with formerly prepared questions. This one will be used to ask the customers to evaluate different characteristics of physical education and sport services of chosen sport premises. As a model, we shall use the internationally in research used questionnaire SERVQUAL. For translating this questionnaire, the modified direct translation process shall be used.