

Leszek Hejduk

Degree PhD

Current position Assistant professor

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Room 106

Research Areas

- suspended sediment and nutrient transport modeling
- grain size distributions
- rainfall-runoff modeling

Courses Taught

- computer aided designed
- computer methods in water engineering
- environmental monitoring
- threats and conservation techniques of hydrosphere
- field surveys (hydrometrics and water quality)

Education

- PhD -Warsaw University of Life Sciences - SGGW, Poland (1996-2001)

- M.Sc. - Faculty of Management and Marketing at Warsaw School of Economics, Poland (1997-2000)

- M.Sc. eng - Faculty of Environmental Protection specialisation: Water Management and Hydrology at Warsaw Technical University, Poland (1991 - 1996)

Professional Experience (chosen)

2008 - 2011 - Deputy head in the project entitled: "Prediction and the reduction of diffuse pollution solid emission and extreme flows from rural areas" EEA and Norwegian Financial Mechanism as well as manager of 4 activates in this project.

2007 - 2010 - Head of the project entitled: " Investigation on sediment and nutrients transport in the catchment's scale"

2006 - 2011 - Management Committee member in COST 869: „Mitigation option for nutrient reduction in surface water and groundwaters”.

2006 - 2008 - Member of the research team in the project entitled: ” Lag times of flood runoff and sediment yield from small agricultural catchments”

2006-2008 - Member of the research team in the project entitled: “Prediction and reduction of flood flows in urbanized catchment (case study of the Służew Creek- suburb of Warsaw)”

2002-2005 - Head of the project entitled: ”Investigations on suspended sediment size composition in a agricultural watershed” The main subject - application of laser diffraction analysis for suspended sediment grain size distribution during floods.

2003-2006 - Member of the research team in the project entitled: ”Impact of suspensions heterogeneity on filtration processes”

2003-2004 - Member of the research team in the project entitled: “Sediment problems of small river catchments and reservoirs in Poland” granted by NCCHE and US-PL Transfer Technology Project

2002-2004 - Member of the research team of the project entitled: “Quantity and quality of suspended sediment yield in rainfall floods at the rural areas”

1999-2001 - Main contractor in the project entitled: “Transport of suspended sediment and phosphorus during floods in a small agricultural watershed”

1997- 2000 - Member of the research team in the project entitled:” Modelling of agricultural areas reaction for heavy rainfalls in changeable environment”



