



Applied Hydroinformatics



University of Ljubljana



Basic Information

Contract number	CIII-RS-1112-02-1718
Network name	<i>Applied Hydroinformatics</i>
Programme	CEEPUS III
Coordinator	University of Niš, Serbia Univerzitetski trg 2, 18000 Niš, Serbia
Project website	www.gaf.ni.ac.rs/ceepus

Overall Broader Objective

Modernization and internationalization of Applied Hydroinformatics PhD program through the cooperation with CEEPUS partners.

Specific Objectives

- **Establishment of a network of universities** with a focus on joint study PhD program in the field of applied hydroinformatics
- **Promotion of the regional cooperation in education and research for the Danube region** in line with the priority areas PA 07 “To develop the Knowledge Society (research, education and ICT)” and PA 09 “To invest in people and skills” of the EU Strategy for the Danube Region (EUSDR)
- **Transfer of know-how and best practices between CEEPUS partners** in the field of applied hydroinformatics

Specific Objectives

- **Increasing of international collaboration in research and education between participating institutions**
- **Joining efforts in developing joint research projects for EU grants in the future, especially Horizon 2020 programme.**

Consortium



University of Niš (Serbia)



University of Natural Resources and Life Sciences,
Vienna (Austria)



University of Novi Sad (Serbia)



University of Sarajevo (Bosnia and Herzegovina)



SS. Cyril and Methodius University of Skopje (Macedonia)

Consortium



University of Architecture, Civil Engineering and
Geodesy (Bulgaria)



University of Montenegro (Montenegro)

University of Ljubljana



University of Ljubljana (Slovenia)



Ovidius University of Constanta (Romania)

Project Realisation

- **Web portal launched in August 2016**
- **Achieved mobilities in 2016: student (5), teacher (9)**
- **Participating in the scientific conferences**
- **Coordination meeting in Nis (June 2016)**
- **Partner's meeting: Novi Sad (September 2016), Sofia (October 2016), Podgorica (June 2017)**
- **Excursion at the Hydroelectric Power Station Vučje in March 2017**
- **Laboratory work**
- **Preparing joint PhD programe**
- **Three out of eight network partners participating in Erasmus+ KA2 CBHE project (573806-EPP-1-2016-1-RS-EPPKA2-CBHE-JP)**

Meeting in Sofia (October 2016)



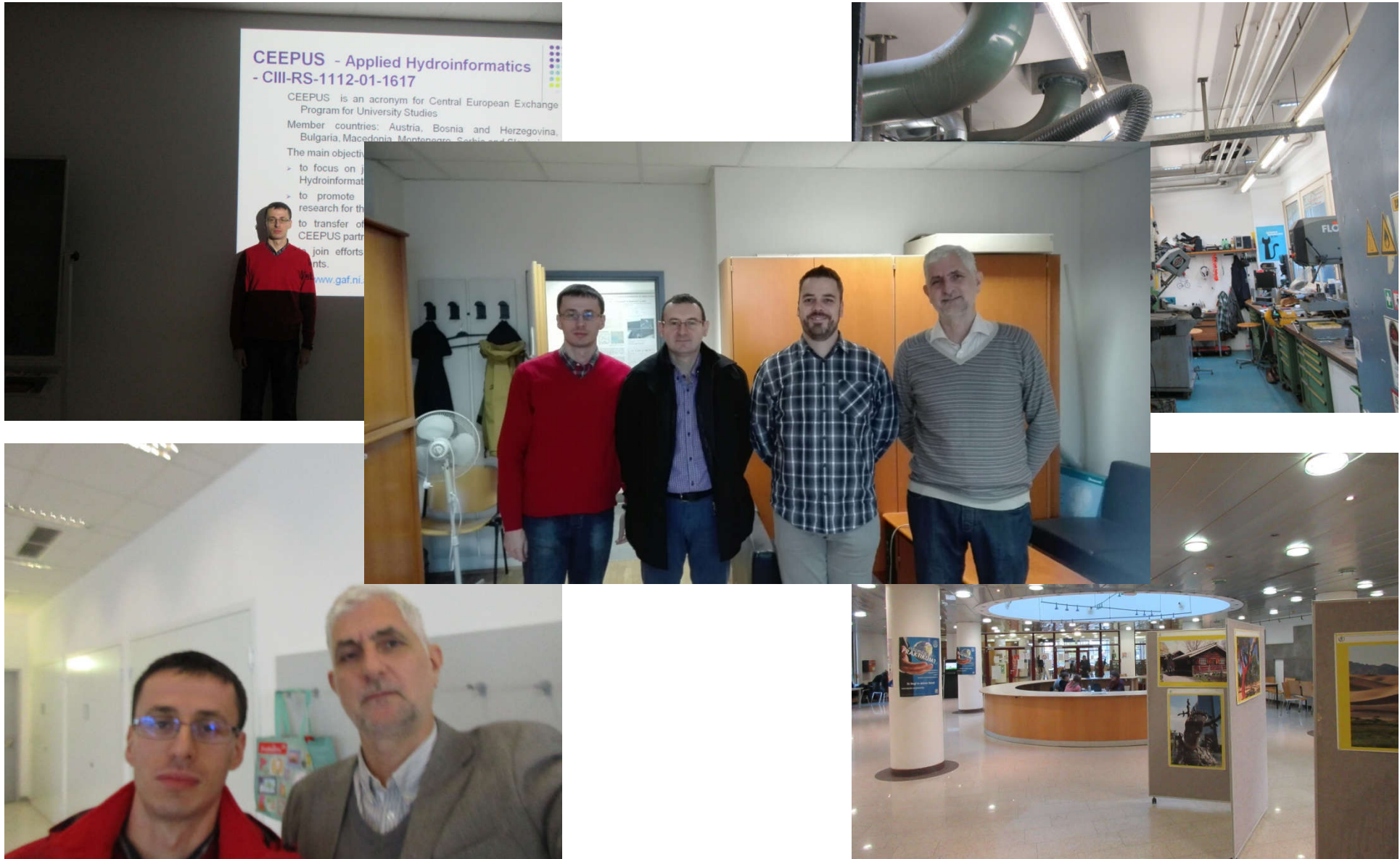
Teacher mobility: Katerina Donevska (October 2016)



Teacher mobility: Borislava Blagojević (November 2016)



Student mobility: Mladen Milanović (November 2016)



Teacher mobility: Slaviša Trajković (November 2016)



Teacher mobility: Milan Gocić (November 2016)



Teacher mobility: Emina Hadžić (December 2016)



Excursion at the Hydroelectric Power Station Vučje (March 2017)



Meeting in Podgorica (June 2017)



Promotion at the VII Balkan & Black Sea Conference

Applied Hydroinformatics network as a form of cluster linking

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Abstract:

Modern method in exchanging information, introducing new technologies, training research personnel and developing the educational process involves new innovative procedures such as the mobility of students and professors.

One of the programs that allows the academic exchange of students and professors in Central and Eastern Europe is called the CEEPUS (Central European Exchange Program for University Studies) program. Exchange in the CEEPUS framework is based on the cluster network of universities in the Danube region.

The paper presents a cluster-based approach to linking research organization in the new established CEEPUS network, entitled Applied Hydroinformatics.

Keywords:

Applied hydroinformatics, CEEPUS, cluster network, research organization, mobility of students and professors

1. Introduction

Rapid development of new technologies promotes steady improvements in living conditions and social standards. For this reason, many countries tend to connect their technologies with international technological opportunities.

Each country recognizes the importance of the educational process to its development. Academic institutions are obliged to constantly improve their scientific and research fields and to adapt them to the market's needs. These institutions represent the first and major link between local and new technologies in the world. The linking and cooperation of universities in clusters is the only way which guarantees the constant improvement of science leading to the development of new technologies and the prosperity of communities. As one kind of university cooperation, and some kind of cluster organization, academy mobility was created, where students, researchers and teachers can improve the knowledge from their own universities at foreign universities. According to [1], student mobility is the most visible part of the internalization of education.

The paper presents the importance of students and professors' mobility through a cluster of organized research institutions in a network. In addition, the aim is to present one of the CEEPUS (Central European Exchange Program for University Studies) networks, i.e. Applied Hydroinformatics network.

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