

MNE-HERIC-81180-LOVCEN			
Surveillance of invasive and native mosquito vectors and pathogens they transmit in Montenegro			
WP:	1f and 2c	Date:	

Report on training course at University of Novi Sad, Faculty of Agriculture, 15th March to 20th March, 2015

The six-day visit to Novi Sad was divided into the following tasks:

Sunday, 15th March:

Arrival in Novi Sad, preparation for five-day training course and technical arrangements.

Monday, 16th - Thursday, 19th March:

During the first day of this visit brief summary of previous work was made as well as detail plan for this week activities between experts from FoA and IHMS. Discussion was focused on scenaria and climate model simulations. Advantages and weaknesses of different downscaling techniques. Results of climate simulations for Serbia are analyzed and compared with actual climate.

During the rest of visit, Dr Vladimir Djurdjevic provided ECHAM5 climate model outputs for five locations in Montenegro using EBU POM model in order to make dynamical downscaling of climate model outputs. These data in form of ASCII files are downloaded and prepared for future analysis during exercises. Data series of future climate for 2001-2100 are separated in three climatological periods: 2001-2030, 2031-2060 and 2071-2100 in order to mace comparison between past and future climatic conditions for Montenegro. Additionally model simulations for past climate 1981-2010 were compared with actual climate.

Obtained results in form of tables, graphs and maps for different meteorological variables and agrometeorological indices will be presented as a part of project report.

Exercises: Agriclim_Lite_v1.2 software is used for calculation of agroclimatic indices of past and future climate. Fortran code is made for the purpose of preparation of climate model outputs in the form of Agriclim_Lite_v1.2 input files. Absolute and relative changes of selected meteorological variables and agrometeorological indices in respect to 1981-2010 referent climatological period were calculated using MS Excell.

Friday, 20th March:

Overview of obtained results. Discussion about presentation of results in form of tables, graphs and maps in order to make the most reliable conclusions.

Dr Branislava Lalic, Faculty of Agriculture, University of Novi Sad
Friday, 20th March, 2015

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