

As you well know, the Rep. Hydromet Service of Serbia is hosting the vCCC and on this slide you see hystorical developments in adopting Begrade iniciative on enhancing sub-regional cooperation in climate change.

UNECE box represents kind of a political agreement for the Belgrade initiative, whereas the other box represents the WMO route that we have followed in order to become recognized by RA VI.

Serbia recently joined WCRP (World Climate Research Program) and intending to participate to the CORDEX experiment. The UNFCCC box represents the Nairobi Work Programme on impacts, vulnerability and adaptation to climate change.

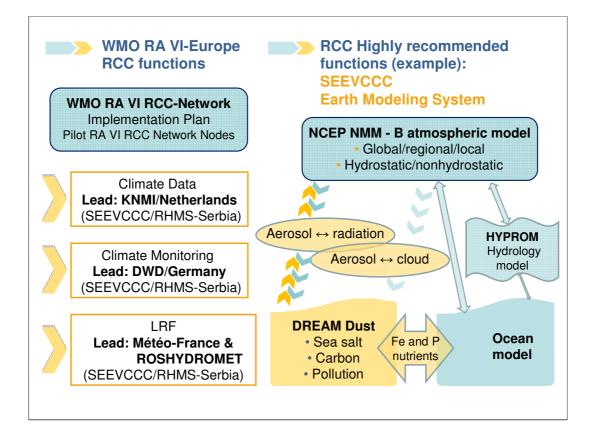
Our work will be gudied by above mentioned structrures and also the local SEE Climate Change Framework Action Plan for Adaptation.

In order to achieve the ambition to coordinate these activities, the Center is envisaged to be formed as a network of partners:

NMHSs (BH, MNE, SRB, FYROM, ALB), Research and Development Institutions, Regional Climate Environmental Center (REC), CIMA research fondation...

Under considiration to become partners:

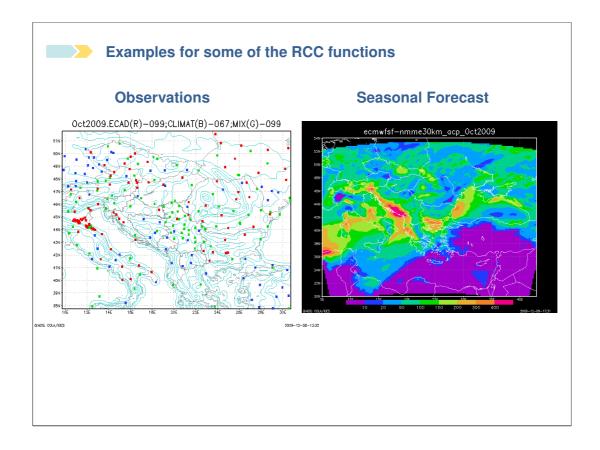
EMC, DMCSEE (Drought Management Center SEE), ...



You already know the structure of the WMO RA VI RCC-Network which consits of three nodes: Climte data, Climate monitoring and Long Range Forecasting. These nodes are led by Netherlands, Germany, France and Russia. Together with other partners SEEVCCC participates in all three nodes with the responsabilities in SEE region.

As we stated many times before, we advocate for the integrated Earth modelling system able to present interactively all important components of the climate system.

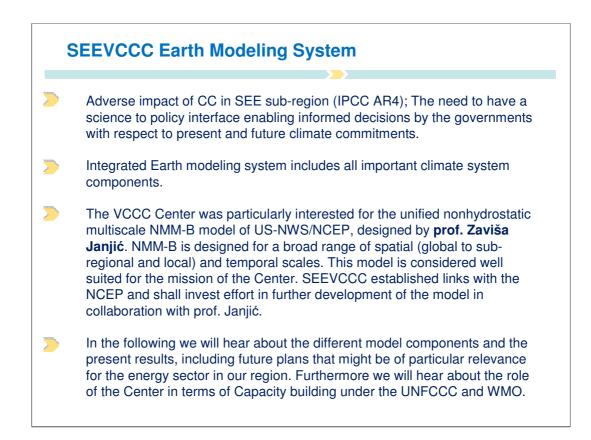
Unique feature of our Long Range Forecasting system is that we use the interactively (on-line) coupled atmospheric-ocean modeling system for which we claim that can produce generally better results.



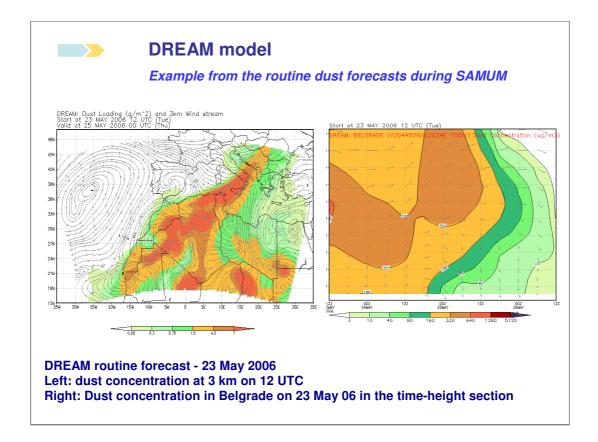
- WEB products ... We have agreed with the ECMWF to install the MARS archive software on our computer system at the SEEVCCC. This process lasted a litle bit longer then we expected. We believe that it will be done by the end of January 2010. (pre operational phase to be deployed in early February). with this software we will have all products of SEEVCCC easily accessible through the web interface ecmwf-like.

- Monthly and sesonal forecasts are presently done using the NMM-E model. This version is not interactively coupled with the ocean model and use the SSTs from ECMWF seasonal forecasts. Very soon we will implement the EBU-POM coupled modeling system for LRF predictions. We will freeze this modeling system and invest further effort in developing the NMMB - HYCOM system and as soon as it is ready for production it will run along with the EBU-POM operational suit.

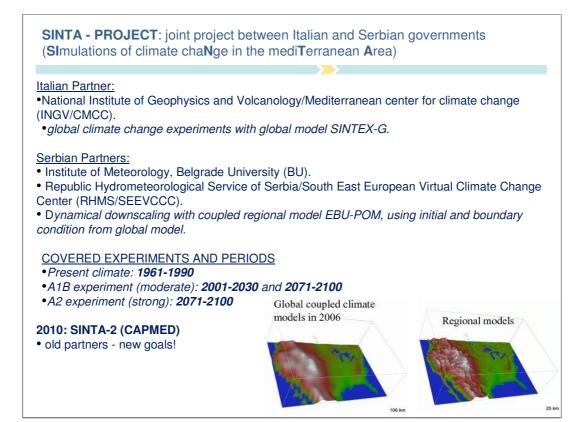
With this regard I would like to inform you that the SEEVCCC web site is at present in hidden mode but will become visible as soon as we implement the EBU-POM seasonal downscaling forecast system and MARS web accessible data base.

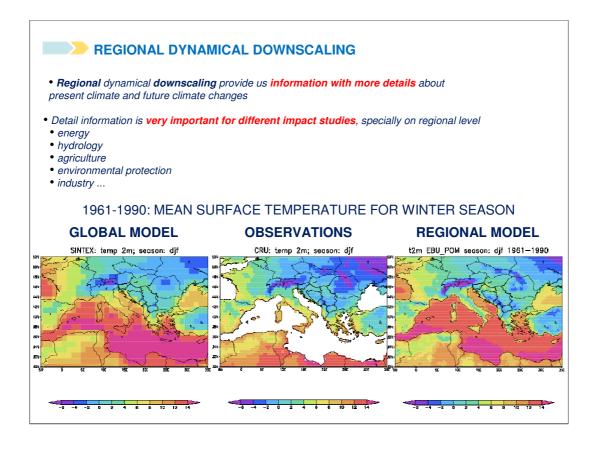


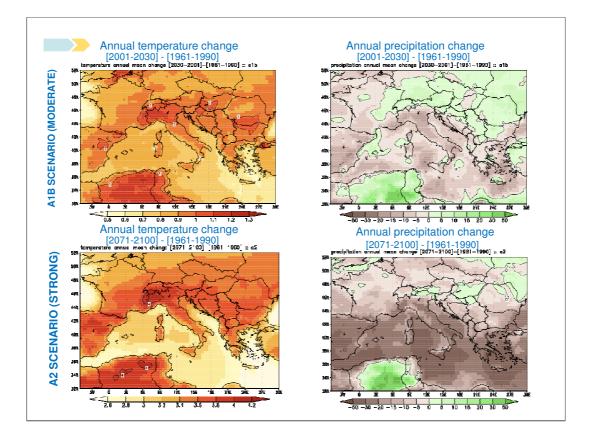
From this slide onwards I am going to speak a little about highly recomended functions of SEEVCCC that are related to the modeling of climate system.



SAMUM geman-funded project (Saharan mineral Dust Experiment);

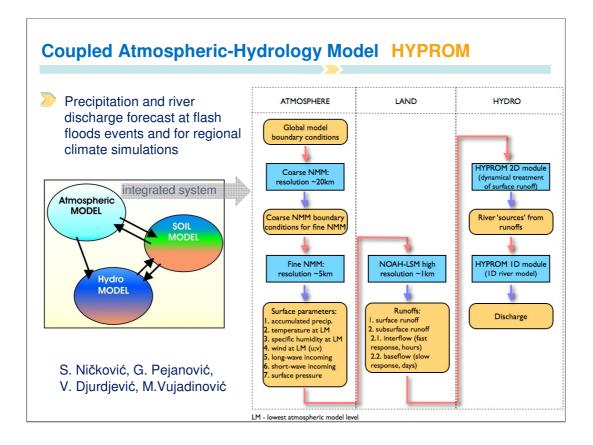


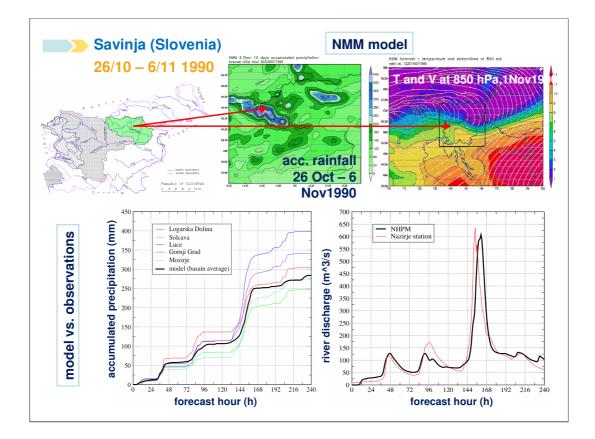


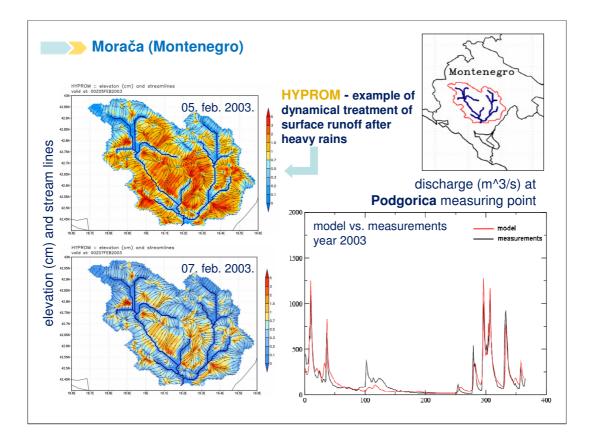


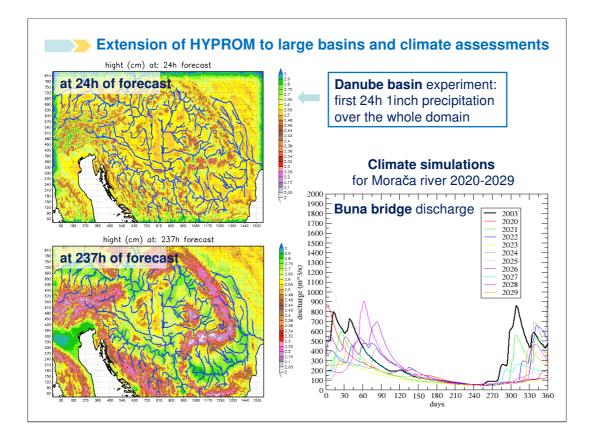
We have already produced what we call the SEEVCCC first generation of our downscaled regional climate data sets. pejo ovde moze neki opis obavezno geografski domen,, ovi podaci ulaze kao 61-90 u RCC node on climate data

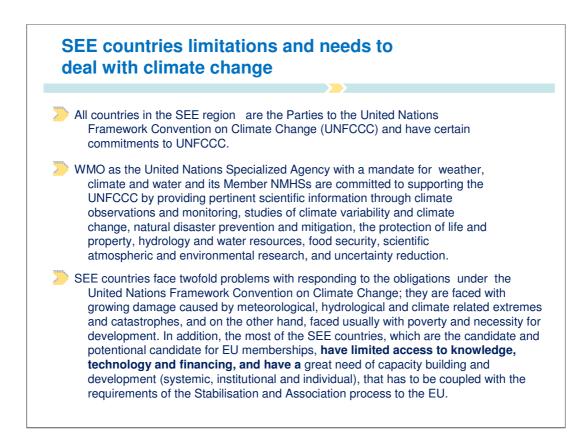
- we presently aim at delivering the second generation of our data sets, this time using the interactively coupled NMM-B and Ocean model HYCOM (US). In these runs we are going to broaden the geo domain in order to cover and overlap with different data producers in the region (WMO RA Regional Association VI East Mediterranean Climate Center hosted by Turkey, Drought Management Center for SEE DMCSEE hosted by Slovenia, and other potentialy interested NMHSs). In particlar we will run the model covering extended domain including the Middle East and part of Turkey ako turcin pita da pokrijes i celu tursku onda mu kazes da mozemo to da uradimo, ali da nam je i ovaj domen na granici CPU resursa koje posedujemo pa bi u tom smislu bilo lepo da se uspostavi direktna saradnja dva centra, i da se pokusa fund raising radi obezbedjivanja sredstava za jedan takav poduhvat.





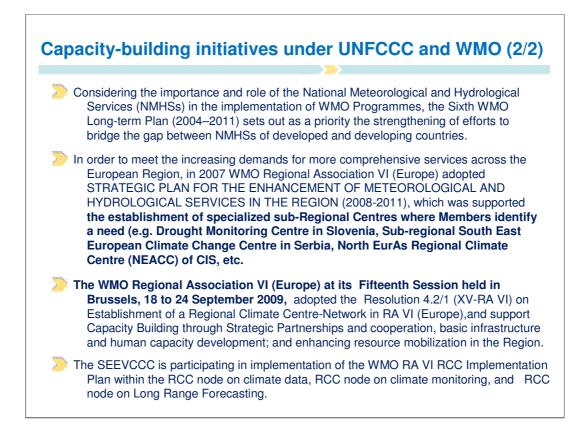






In next several slides you will see the rationale for having the capacity building as one of the principle functions of the SEEVCCC. I will not elaborate much on that, but just mention that within this activity we will strictly follow the UNFCCC and WMO capacity building frameworks.

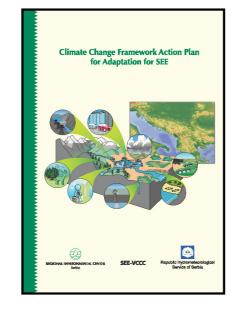






Under South East European Climate Change Framework Action Plan for Adaptation and WMO RA VI RCC Implementation Plan the following common priorities have been identified: Improvement of collection, management, exchange, access to, and use of the observational data and other relevant information on current and historical climate and its impacts to SEE; Development the capacity to produce climate forecast and climate watch through humane resources development, training activities, education and training events organized by the SEVCCC in cooperation with the WMO and partners, national and international institutions; Promotion of the climate research and development/application of climate models, access to and use of information and data on projected climate change for SEE: Promotion of the understanding of the impacts of climate change, vulnerability and adaptation to climate change: Development and implementation of sub-regional and bilateral programmes for research, education and training and other forms of capacity building under the existing international framework and the development of regional partnerships proposed by the SEE/CCFAP-A; Capacity building activities undertaken within these international frameworks should maximise synergies between the World Meteorological Organisation, other international organisations and Conventions, and global environmental agreements aiming at strengthening the capacity of existing national and sub-regional institutions dealing with climate change.

SEEVCCC/CCFAP-A in support of UNFCCC implementation



Both SEEVCCC functions, under WMO and UNFCCC, may be considered as follow-up actions of WCC-3 which are in line with further development and implementation of the Global Framework for Climate Services established by the WCC-3

