



**REPORT OF THE
PROGRESS
IN THE FEDERAL
HYDROMETEOROLOGICAL
INSTITUTE OF
BOSNIA-HERZEGOVINA
BETWEEN TWO ICEED MEETINGS**





1. METEOROLOGICAL MEASUREMENT AND FORECAST DEPARTMENT

- During 2008, the project of linking our institute to the regional telecommunication node in Sofia, Bulgaria, was entirely completed;
- Linking of all ten synoptical stations to the our Data Collecting center, through the computer network, was also completed;
- Automatic procedure of importing data to our database was established;
- Vaisala ultrasonic wind sensor was installed to Bjelasnica mountain station, which completed the project of reconstructing this station;
- The most important part of work (reevaluation of existing wind data) within FP6 SEEWIND project, was finished;
- Participation in SEE-Grid project for South-East Europe, that will result in better integration of computer networks and more quality and faster access to information, is approaching the end;
- Meteorological Station Drvar came into service.





2. CLIMATOLOGICAL RESEARCH AND STUDIES DEPARTMENT



- In the last period, the activities of participating in MEDDARE project (Mediterranean Data Rescue Project) were resumed;
- Cooperation with Zentral Anstalt für Meteorologie und Geodynamik institute in Vienna (The Project of homogenization of climatic data chain) was also continued. Thereby, the first steps for joining The COST Action project were made (Application).
- The activities of participation in making the First National Report of climatic changes (UNDP Project) according to UN Framework Convention of Climatic Changes for basic year 1990, were completed.
- Within Workshop that took place in Ljubljana (DMCSEE), the short training of working with software SPI, PDSI, as well as AN-clim, Pro-clim (Software for data homogenization) was given.





3. HYDROLOGY DEPARTMENT

- Issuing of Hydrological almanac for 2006;
- Hydrology department of Federal Hydro-Meteorological Institute is performing a duty of National Reference Center for Waters for Bosnia and Herzegovina. Since last year, reports to EEA (European Environmental Agency) are made for ground waters as well;
- The report for MED POL Phase III Monitoring Activities was provided and sent for the first time.
- The activities of preparing the First National report of climate changes for Bosnia and Herzegovina (Initial National Communication) concerning water resources and problems of defining the ecologically acceptable flow, were completed.





4. ENVIROMENTAL DEPARTMENT

- The gas inventory with an effect of greenhouse was made, in the course of making The First National Report of Bosnia and Herzegovina, according to The UN Framework Convention on Climate Change for basic year 1990.
- The Department has also performed a duty of National Reference Center to European Environment protection Agency – EEA, for the field of air quality and climate changes, provided data within EIONET network of air quality, monthly overrun of ozone concentration, as well as summary summer report
- Together with other countries of SEE region, the Department took part in making the “Southeast European Climate Change Framework Action Plan for Adaptation” project, which was acquired at the 1st Ministerial Thematic Conference on Combating Climate Change in South-Eastern Europe, that took place in Sarajevo.





5. AGREEMENTS

- On May 21, 2008, the Agreement of collaboration was signed between two Entities Hydro-met services, Republic Hydro meteorological Institute of Republic of Srpska in Banja Luka and Federal Hydro meteorological Institute in Sarajevo.
- On June 10, 2009, Republic Hydro meteorological Institute of Serbia and Federal Hydro meteorological Institute of Federation of Bosnia and Herzegovina, signed the agreement of professional and technical collaboration in the field of meteorology, climate changes, hydrology and monitoring the air and water quality. The agreement will help reinforcing the common initiatives of bilateral and regional collaboration within professional and scientific research programmes and projects of WMO and other international organizations and programmes of technical cooperation.
- The Memorandum of understanding was signed between Virtual Climatic center for South-East Europe – SEEVCC and Federal Hydro meteorological Institute of Federation of Bosnia and Herzegovina, as well as Hydro-meteorological Institute of Montenegro.
- The agreements of collaboration with Electro-technical faculty in Sarajevo and Power Utility of Bosnia and Herzegovina were signed.





6. PARTICIPATION ON VARIOUS MEETINGS/WORKSHOPS/SEMINARS

DATES AND VENUE	MEETINGS/ WORKSHOP/ SEMINAR
Bucharest, Romania 15.-16 January 2009	"High performance computing on Grid for meteo applications", SEEGRID
15 - 17 April 2009, Ljubljana, Slovenia	Workshop on MSG Applications and Nowcasting
Dubrovnik, Croatia 23-24.Mart 2009.	Technical Conference on the WMO Integrated Global Observing System, TECO-WIGOS"
Dubrovnik, Croatia 11-13.May 2009	Regional workshop on hydrological forecasting and real time data management
Beograd, Serbia, 26 – 27. May 2009.	Statkraft Workshop on climate change and changing runoff in southeast Europe.
Alanya, Turkey, 8-12 June, 2009	International Training Course on Automated Weather Observing System
Geneva, Switzerland, 6 - 7 July 2009	UN International strategy on Disaster Reduction
Budva, Montenegro, 17-18 June, 2009	EUMETSAT workshop
Sarajevo, B&H, 10.June 2009.	Sava river Commission
Brussels, Belgium, 18. – 24. September 2009	XV Conference of Regional Association VI (RA VI - Europe).
Ljubljana, Slovenia, 21. – 25.September 2009	1st Joint DMCSEE –JRC Workshop on Drought monitoring
Pula, Croatia, 1-3 October 2009	Training workshop on Multi –Hazard Early Warning Systems
Alanya, Turska, 19-24.October 2009	International training Course on Agrometeorology
Atina, Greece, October, 2009	WHO - MED POL Meeting of the network on Compliance and Enforcement of Regulations for the control of pollution resulting from land -based activities
Budapest, Hungary, November, 2009.	SEECOF-2 Meeting

