**PPRD South 3 Regional Workshops on “Towards a common regional approach for the development of national capacities of risk monitoring, early detection of critical situations, set up and management of early warning systems (EWS) and elaboration of emergency plans including procedures for inter-agency operational management support”.**

**22-24 October 2019**

**Italian Civil Protection Department, Rome**

**(DRAFT)**

**Objectives**

The Regional Workshop will contribute to:

* increase the risk monitoring, early warning systems (EWS) management and emergency planning capacities in the PPRD South partner Countries
* identify, together with stakeholders a common regional approach and possible national/sub-regional actions on risk monitoring, EWS and emergency planning
* make available existing knowledge and expertise on risk monitoring, EWS and emergency planning
* defining national/sub-regional work-plans for PPRD South 3 supported actions in this sector.

**Expected Participants**

Civil Protection officers and representatives of scientific bodies (Meteorological Authority, Water Authority, Hydrogeological Risk Monitoring Center) in charge of real time hydrogeological and hydraulic risk assessment, risk monitoring, emergency planning.

**Agenda**

**21 October 2019**

Travel to Rome

**22 October 2019**

**NH Collection Roma Centro, Via dei Gracchi 324, Roma**

|  |  |
| --- | --- |
| **9.00-9.15** **9.15-9.30****9.30-10.00****10.00-10.30** **10.30-11.00** **11.00-11.30** **11.30-12.00**  | **Welcome and Introduction to the workshop***Giovanni De Siervo, Head of the International Relations and Activities Unit, DPC**Carlo Cacciamani, Head of the “Centro Funzionale Centrale”, DPC***Round table presentation of the participants****Session 1: Setting the scene****The Italian Civil Protection Department***Giovanni De Siervo, Head of the International Relations and Activities Unit, DPC***Introduction to the hydrogeological and hydraulic risk: structural and non-structural prevention measures***Andrea Duro e Fabio Santamaria, Ufficio PRE, DPC***The EU Floods Directive: the European regulatory framework for hydrogeological and hydraulic risk management***Paola Bertuccioli e Flavia Massimi, Ufficio PRE, DPC***Coffee Break****The National Early Warning System in the framework of the Italian Civil Protection Service***Gianfranco Vulpiani, Ufficio PRE, DPC* |
| **12.00-12.30** | **Utilisation of satellite data for flood risk management***Silvia Puca, Ufficio PRE, DPC* |
| **13.00-14.00** | Lunch |
| **14.00-14.30****14.30-15.00****15.00-15.45****15.45-16.15****16:15- 17.30****17.30** | **Session 2.1: Flood risk management tools****Key elements of an early warning system for the hydrogeological and hydraulic risk: from early detection to early alert**Carlo Cacciamani, DPC**Weather forecasts for civil protection purposes, from the meteorological phenomenon to the impact on the territory. The approach and tools of the Italian Civil Protection***Gabriele Sediari e Andrea Araneo, Ufficio PRE, DPC***Flash flood monitoring and forecasting systems in the Liguria region***Barbara Turato, Civil Protection Liguria Region***Coffee Break****Opearating flood forecasting systems in real emergencies from the Italian regions****Tevere river:** Nicola Berni, Umbria Region**Po river:** Sara Pavan, AIPO (Agenzia Interregionale per il Po)End of day 1 |
| **23 October 2019****Italian Civil protection Department, Opearational Headquarters, Via Vitorchiano 4, Rome**

|  |  |
| --- | --- |
| **9.00-9.30** **9.30-10.10****10.10-10.40****10.40-11.00** **11.00-11.30****11.30-12.30** **12.30-13.00****13.00-14.00****14.00-14.50****14.50-15.40****15.40-16.00****16.00-16.30** | **Session 2.2: Flood risk management tools****Using high-resolution precipitation data from cellular networks for operational flood forecasting***Amir Givati, Director of flood modeling, ClimaCell***Elaboration of flood emergency response plans linked with early warning systems***David Fabi, Head of the Operational Emergency Support Service, DPC***Tools for forecasting urban flooding in a changing land use and climate***Amir Givati, Director of flood modeling, ClimaCell***Session 3: Case studies of flood emergencies** **Flood Emergency Management: Experiences from the Mediterranean countries***Morocco, Algeria (10 minutes each)***Coffee Break****Flood Emergency Management: Experiences from the Mediterranean countries***Tunisia, Egypt, Israel, Palestine, Lebanon, Jordan, Lebanon, Jordan (10 minutes each)***The role of Mayors in preparing the population to cope with flood alerts: case study from Bastiglia***Francesca Silvestri, Mayor of Bastiglia***Lunch****Flood experiences from European Countries***Commandant Franck FIORELLI, Departmental Fire and Rescue Service, Maritimes**Alpes Department, France***Population awareness and the transmission of the alert to the population: techniques and tools***Maria Ángeles Herradon Garcia, Head of the Communication Sector, General Directorate of Civil Protection and Emergencies, Spain***Coffee Break** **The “Io non rischio” Awareness Campaign***Stefano Vallari, Civil Protection Volunteers Service, DPC* |
| **16.30-18.00**  | **Practical session: flood forecasting models and information for risk assessment and risk monitoring - Visit to the Centro Funzionale Centrale, DPC** |
| **20.30** | **Social dinner** |
| **24 October 2019****Italian Civil protection Department, Opearational Headquarters, Via Vitorchiano 4, Rome** |
| **9.00-11.30** **11.30-12.30****12.30-13.00** **13.00-14.00****14.00** | **Practical session: DEWETRA World****Introduction to DEWETRA World - Practical exercise on the utilisation of DEWETRA World - Proposal of utilization of DEWETRA World in the national/regional contexts***Angela Corina, DPC***Coffee Break****Round table discussion: what can we do together under PPRD South on flood risk management?****Discussion and definition of possible actions for developing national capacities for using the tools and models illustrated during the workshop with the support by PPRD South.***Moderator: Carlo Cacciamani, DPC***Wrap-up and conclusions****Lunch****Departure to airport or to hotel** |

 |
|  |
|  |  |
|  |  |