1. **ACTIVITIES**

1.1 **Meetings of the IHP National Committee**

1.1.1 **Decisions regarding the composition of the IHP National Committee**
The composition of the IHP Romanian Committee is established by the Ministerial Order 3341/21.08.2012. Thus 21 public and private institutions with determinant role in hydrology, hydrogeology and water management are represented within the IHP Romanian Committee by the following specialists:

- Mrs. Simona Olimpia NEGRU, State Secretary for Water - President
- Mr. Prof. Sorin Mihai CĂMPEANU – Vicepresident
- Mrs. Daniela RĂDULESCU – Secretary
- Mr. Gheorghe CONSTANTIN – member
- Mrs. Ruxandra BALAET - member in charge with The Permanent Technical Secretariat
- Mrs. Constanţa MOLDOVAN – member
- Mrs. Irina LUCAVEŞCHI – member
- Mr. Florin STOICA– member
- Mrs. Mary Jeanne ADLER – member
- Mr. Ciprian CORBUIŞ – member
- Mr. Marius MĂTREAŢĂ – member
- Mr. György DEAK – member
- Mrs. Eugenia CIOACĂ – member
- Mr. Viorel MALCIU – member
- Mr. Prof. Radu DROBOT - member
- Mrs. Liliana ZAHARIA – member
- Mrs. Cristina Sorana IONESCU – member
- Mrs. Mihaela SIMA – member
- Mr. Prof. Gheorghe CRETU - member
- Mr. Prof. Marian Traian GOMOIU – member
- Mr. Gheorghe BRATIANU– member
- Mr. Dragos NOVAC – member
- Mr. Rasvan ALECU – member
- Mr. Grigore Baboianu – member
- Mrs. Maria NICA – member
- Mrs. Florinela GEORGESCU – member
- Mrs. Ioana GRIGOROVICI – member

1.1.2 **Meetings**
Ordinary meetings – once per year
Extraordinary meetings – at President’s initiative or at minimum 10 members initiative
Meetings of the Operational Bureau – whenever necessary

1.1.3 **Status of IHP-VIII activities**
Romania is financing a sound national programme of hydrological research and services targeted to implement IHP-VIII themes. Within the National Institute of Hydrology and Water Management (NIHWM), a large number of activities and studies are carried on in order to achieve the IHP objectives, mainly on the following topics:
Theme 1: Water-related Disasters and Hydrological Change
Technical Coordination for elaboration of the River Basin Plans for prevention, protection and diminishment of floods effects

Studies to support the implementation of Floods Directive 2007/60/EC in Romania:
- Technical coordination for elaboration of the Flood Risk Management Plans according to Floods Directive 2007/60/EC (with support of Romanian River Basin Authorities)
- Elaboration of methodologies required for implementation of Floods Directive to be reported in WISE system
- Reporting in WISE system of the Flood Risk Management Plans (database maps, methodologies), in accordance Floods Directive 2007/60/EC

Application of preliminary methodology done by Jaspers Consultant related to damage assessment caused by floods for diverse infrastructure types, for social units and for agriculture.

Supporting activities to go through the legal procedure of Strategic Environmental Assessment for the Flood Risk Management Plans

Theme 3: Addressing Water Scarcity and Quality
Identification of main water potential scarcity zones at national level, in current hydrological regime and in climate change perspective

Theme 5: Ecohydrology, engineering harmony for a sustainable world
Eco-hydrological studies related to the implementation of Water Framework Directive 2000/60/EC in Romania:
- Methodology to assess the hydro-morphological indicators for Romanian water courses
- Methodology to assess the ecological discharge based on the European Commission Guidance Document no. 31/2015
- Identification of measures for assuring river continuity - case studies
- Guide to determine the hydrological and morphological parameters for rivers in accordance with updated Annex V of Water Framework Directive
- Methodology to assess the hydro-morphological indicators for Romanian water lakes
- Study for defining and application of indicators required by article 4.6 of Water Framework Directive
- Studies to finalize the environmental management objectives for non-permanent rivers – case studies

1.2 Activities at national level in the framework of the IHP

1.2.1 National/local scientific and technical meetings
- National stakeholders consultation on water: supporting the post 2015 development agenda, 19 martie, 2014, Bucarest
- Annual Scientific Conference of the National Institute of Hydrology and Water Management „Adaptation to climate change, from source to river basin”, 10-11 november 2014, Bucarest

1.2.2 Participation in IHP Steering Committees/Working Groups
Romania holds Coordination of the Danubian Countries Cooperation in the frame of IHP since 2012
1.2.3 Research/applied projects supported or sponsored

Experts of the National Institute of Hydrology and Water Management participated in FRIEND Programme, WP Drought and Low Flows, and as major result for 2014 were participation for producing an article for 2014 “Hydrology needed to manage droughts: the 2015 European case”; Romanian experts also contributed to Leonardo Conference of the working group – HYPER DROUGHTS.

**Theme 1: Water-related Disasters and Hydrological Change**
- Flood hazards in Romania – identification of flood-prone areas in Romania at national and local scale (VULMIN) - PN-II-PT-PCCA-2011-3 – INHGA partner
- Changes in climate extremes and associated impact in hydrological events in Romania (CLIMHYDEX) - PN II-ID-2011-2-0073 – INHGA partner
- The prevention and protection against floods in the upper Siret and Prut River Basins, through the implementation of a modern monitoring system with automatic stations – (EAST AVERT) – Cross border cooperation Romania-Ukraine-Moldavia 2007-2013– I.N.H.G.A. partner
- Danube WATER integrated management (WATER) – Cross border cooperation Romania-Bulgaria 2007-2013 INHGA partner
- Remote sensing, model and in-situ data fusion for snowpack parameters and related hazards in a climate change perspective (SNOWBALL) – EEA Grant 2014-2020 – INHGA partner

**Theme 2: Groundwater in a changing environment**

**Theme 3: Addressing Water Scarcity and Quality**

**Theme 5: Ecohydrology, engineering harmony for a sustainable world**
- Integrated system for protect and analyse the status and trends of water threatened by nitrogen pollution (CLEANWATER) – Life programme – INHGA project leader

1.2.4 Collaboration with other national and international organizations and/or programmes
- Romanian Association of Hydrologists (IAH affiliated)
- Romanian Association of Hydrological Sciences

1.2.5 Other initiatives

1.3 Educational and training courses

1.3.1 Contribution to IHP courses
1.3.2 Organization of specific courses
1.3.3 Participation in IHP courses
1.4 Cooperation with the UNESCO-IHE Institute for Water Education and/or international/regional water centres under the auspices of UNESCO

1.5 Publications

- Hidrotehnica Magazine – published monthly by National Administration « Romanian Waters »
- The Flood Magazine - published by the Romanian Association of Hydrological Sciences
- Hidrogeology Magazine - published by the Romanian Association of Hydrogeologists

1.6 Participation in international scientific meetings

1.6.1 Meetings hosted by the country
- International Conference Euro INBO, 12-15 November, 2014, Bucarest

1.6.2 Participation in meetings abroad
- Danube Conference, XXVI Conference of the Danubian Countries on Hydrological Forecasting and Hydrological Bases of Water Management, 22-24 September 2014, Deggendorf, Germany
- 27th Working Meeting of the experts and representatives of the Regional Hydrological Cooperation of the Danube Countries in the framework of the IHP – UNESCO, Deggendorf, 25 September 2014
- EURO INBO Conference, 12-15 November, 2014
- HYPER Droughts: Hydrological, precipitation, evaporation, runoff droughts, 13-14 November, 2014, Czech University of Life Sciences, Prague, Czech Republic
- Participation to the Electoral Group II Meeting in Skocjan, Slovenia 17-18 March 2016

1.7 Other activities at regional level

1.7.1 Institutional relations/cooperation
1.7.2 Completed and ongoing scientific projects

2. FUTURE ACTIVITIES

2.1 Activities planned until December 2016
- completion of the studies and projects mentioned at 1.1.2, 1.2.3
- 27-28.06.2016 Participation to the IHP Large Rivers Initiative Working Group Meeting in Vienna
- October2016: Scientific Conference on Hydrology, Hydrogeology and Water Management to be organized by the NIHWM

2.2 Activities foreseen for 2017-2018
- Continuation of the activities described at 1.1. and 1.2.
- Participation to the 27th Danube Conference, to be hosted by Bulgaria
2.3 Activities envisaged in the long term
   - Continuation and development of the activities described at 1.1. and 1.2.