


<p><b>The institution</b></p> 	<p><b>Name:</b> Institute of Meteorology and Water Management – National Research Institute (IMGW-PIB)</p> <p><b>Address:</b> Podlesna street 61, 01-673 Warsaw, Poland</p> <p><b>Represented by:</b>  name: Mr. Adam Grabarczyk  e-mail: adam.grabarczyk@imgw.pl  tel: +48 22 56 94 264  fax:</p>
<p><b>Is interested in the participation in a project that will be prepared and submitted in the following topic:</b></p>	
<p>Number of the open topic and Title (from Work Programme)</p>	<p><b>WATER-5c-2015:</b> Strengthening international R&amp;I cooperation in the field of water  <b>WATER-2b-2015:</b> Integrated approaches to food security, low-carbon energy, sustainable water management and climate change mitigation  <b>WATER-4b-2015:</b> Water management solutions for agricultural sector, thematic networks</p>
<p><b>Short description of the organisation:</b>  Institute of Meteorology and Water Management - National Research Institute (IMGW-PIB) is a research and development unit. The basic statutory tasks of the Institute is to conduct scientific research and government services in the areas of:</p> <ul style="list-style-type: none"> <li>• meteorology</li> <li>• hydrology</li> <li>• oceanography</li> <li>• management and water engineering</li> <li>• wastewater management</li> <li>• sewage sludge treatment</li> </ul> <p>The main task of the Institute is to fulfill the national economy needs in terms of the hydro-meteorological cover. The Institute conducts observations and hydro – meteorological measurements, develops forecasts and expert opinions as well as carries out research projects, implementation and development work.</p>	
<p><b>Proposed contribution to the project:</b>  We like to be a partner in a project related to the areas of knowledge mentioned below, especially in projects related to nutrients load and contamination and their modeling in surface waters. We are looking for other partners in the Work Programme: Climate action, environment, resource efficiency and raw materials. We are open to all forms of cooperation which could contribute to the development of our previous studies.</p> <p>Water Pollution Modeling Section is specialized in:</p> <ul style="list-style-type: none"> <li>• Nutrients modeling (nitrogen and phosphorus) in rivers with the use of Macromodel DNS/SWAT,</li> <li>• River absorptivity as a tool to assess the physic-chemical state of water,</li> <li>• Analysis of the impact of human pressure on the agricultural surface water quality,</li> <li>• Water needs in European Union,</li> <li>• Identification of sources and zones of biogenic compounds pollution in the catchment</li> <li>• Daily and seasonal variability of nutrients in surface waters</li> </ul>	
<p><b>Chosen references (publications, others):</b>  Water Pollution Modeling Section has experience in participating in international projects such as:</p> <ul style="list-style-type: none"> <li>• GLOWASIS (Global Water Scarcity Information Service) – 7FP</li> <li>• Baltic COMPASS (Comprehensive Policy Actions and Investments in Sustainable Solutions in Agriculture in the Baltic Sea Region) – INTERREG IV</li> <li>• EULAKES (European Lakes Under Environmental Stressors) – Central Europe Programme</li> </ul>	
<p><b>Other information (if relevant): -</b></p>	