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Date from - Date to	Location	Client	Description
2015	Hungary	EIT Climate KIC /European Institute for Innovation Technologies/	Adviser and host of Climate KIC event on Urban Floods
2015	EU	EIP-Agri	Focus group member on Water and Agriculture http://ec.europa.eu/eip/agriculture/en/content/water-agriculture-adaptive-strategies-farm-level
2015	Croatia	Zadar County	Feasibility Study for irrigation
2014-15	Hungary	EIT Climate KIC /European Institute for Innovation Technologies/	Program designer for the Innovation Catalyst event on Rural Development in the dawn of Climate Change http://www.climate-kic.org/programmes/innovator-catalyst/
2014-15	Croatia	Croatian Water	EU fund application for the Krupina River Flood management program -
2014	Hungary	EIT Climate KIC /European Institute for Innovation Technologies/	Designing and lecturers on the Water Day of the Climate Academy in Budapest, Hungary
2013-14	Solomon Islands	UNDP Solomon Island sub-office	Mid-term Evaluator of the SWoCK project (Enhancing Resilience of Communities in Solomon Islands to the Adverse Effects of Climate Change in Agriculture and Food Security), which covers climate change, flood security, disaster risk management. http://www.undp-alm.org/projects/af-solomon-islands

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2013	Iraq	Ministry of Water Resources	<p>Lecturer during the Young Leader Development Programme on Integrated Waterbasin Management, Cross-boarder waters (International waters), and on water quality and quantity issues on behalf of GIWEH Switzerland.</p>
2012	Nigeria	His Excellency the Governor of Imo State	<p>Creation, implementation and operation of Waste Management in Imo State, Nigeria. Presently there is hardly any organized and environmentally friendly management of wastes in Imo State Nigeria. The project aims to establish an economically, socially and environmentally sustainable waste management system all over Imo State.</p>
2011-12	Lebanon	UNDP Lebanon	<p>Evaluation of Flood Project I in the Baalbeck-Hermal region. The draught prone region's occasional rain events cause sever flush flooding events, while desertification, loss of top soil, overgrazing are threatening the livelihood of the locals. Measures have been implemented for water retention capacity for the region moreover a water harvesting pond and efficient drip irrigations has been created in order to protect the environment while stepping towards a sustainable development.</p> <p>The assignment was to evaluate the project as per The World Bank requirements and provide lesson-learnt advices for the participants.</p>

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2011	Hungary	Regional Environmental Center for Central Eastern Europe	<p>I have been appointed to evaluate the present programs and prepare advices on the "Preparation of an Analysis of the Carbon emission-related Aspects of the Economy of Hungary" for the Regional Environmental Center for Central and Eastern Europe (REC). The assignment was included awareness rising events on climate change for the Hungarian Regions in the aim to include climate related planning for the upcoming 7 year financing period. The overall aim of the assignment was to find the linkages on efforts on climate change with boosting the sustainable development by created jobs and revenues and savings on energy.</p> <p>Task: Risk Study, Economic Analysis, Baseline Report, Awareness Raising</p>
2011-12	Africa-Asia	The World Bank – Arab League	<p>Advisor on water, food security, urban development and gender for the First Flagship Report on Adapting to a Changing Climate in the Arab Countries.</p> <p>Joint strategic effort of The World Bank and The Arab League to create a strategic document of the adaptation and mitigation needs and possibilities of the Arab countries. Governments of all members of The Arab League States, and local stakeholders were included in the finalization of this strategic document. Themes included: draught, heat waves, urbanization, migration, gender, economics, biodiversity etc.</p> <p>Various data sets are harmonized to common bases.</p>

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2010	Albania	UNDP Albania	<p>„Evaluation of the soil erosion measures in Albania“ financed by UNDP via GEF Climate Change projects. Our task was to evaluate the soil erosion measures, which was founded by UNDP. As no baseline date was available, natural erosion, baseline erosion and present erosion rates have to be determined. The project was a community-based actions on erosion via improvements on their crop diversity, productivity and agricultural methods, via cheek dams, small scale reservoirs, efficient irrigations etc.. Also the cost efficiency of the measures has to be determined, while our finding was presented in lesson-learnt awareness raising event for the participants of the project.</p> <p>Water quantity and run-off estimations are based on various satellite imagery and available mappings and other information as weather data are transformed into a single GIS based database on which modeling is based.</p>
2010	Hungary	SwissAid	<p>Evaluation of water related project ideas for SwissAid. Our job was identified feasible projects, which could receive SwissAid fundings.</p>

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Date from - Date to	Location	Client	Description
2009-12	Libya	OiLibya – Libya	<p>„Due Diligence Study Phase 1 and 2 for the OiLibya“ filling stations in Libya. 1st time ever Due Diligence Study for the oil company, which serves all over in Libya with 151 filling stations nation wide. Our job was identified the environmental liabilities of the company and promote environmental awareness.</p> <p>Web based secure GIS database where invented from 0 information as even the number of the filling stations were unknown. Bynow 3000 element database is in use for various environmental and heath and safety purposes.</p>
2009	Hungary	Hungarian Academy of Sciences	<p>As the part of WaterRisk Project, we have conducted a research on available Climate Change Scenarios for the Carpathian Basin. A comprehensive analysis was made to evaluate their methods and findings.</p>

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2007-09	Hungary	<p>EU Cohesion Fund</p> <p>Central Directorate for Water and Environment – Pelso 2007 Consortium Aquaprofit Zrt.</p>	<p>„Kis-Balaton Project“ is a Ramsaari site and a Natural Park, also part of the EU Natura 2000 areas. This is biggest sweet water wetland in Europe, our project was to ensure its natural beauty and wide biodiversity, and also preserving the water quality of Lake Balaton from eutrophic state. The design cost of the project was more then 2 million EUR. Our job was to create a Environmental Impact Assessment, a Feasibility Study, Cost-Benefit Analysis and the Application Form and Tender Documentation for EU funding. Among the issues watershed management with erosion control was examined for optimal solution.</p> <p>Probably the mostly examined area of the earth, although the information was not in an organized and comparable format. First of all information was transferred into a common GIS database. Then information gaps were indentified, during the EIA and flow model measurement tasks various remote sensing methods were used from satellite to low level ortho-photo data collection campaigns, with in-situ verifications and calibrations. Based in the collected data ecological, environmental, water quality and flow modeling were made in order to find the best possible solution. Moreover a wide spread continues monitoring network were set in order to collect information for rapid and long term operation of the reservoir system, which part of a Natural Park.</p>

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Date from - Date to	Location	Client	Description
2007-09	Hungary	EU Cohesion Fund Central Directorate for Water and Environment Duna Consortium / Aquaprofit Zrt.	<p>„Danube Project” Improvement of the flood protection of the Danube Valley in Hungary. Due to changes in the upper watershed the flood curves has been changed in the recent years. 200 km of dike and 21 structures has been renewed our newly constructed. Our job was to create the Environmental Impact Assessment, Feasibility Study, Cost-Benefit Analysis, Tender Documentations. Among the issues watershed management, climate change and biodiversity issues were considered.</p> <p>Due to the enormous amount of information GIS based info system were used.</p>
2007-09	Hungary	EU Cohesion Fund Central Directorate for Water and Environment Szamos-Kraszna Consortium / Aquaprofit Zrt.	<p>„Szamos-Kraszna Reservoir project”. The project is part of the Vásárhelyi Plan, where 12 emergency reservoirs are being designed to lower the extraordinary floods of the Tisza River, while keeping water for the dry sunny months of <u>the draught torn region</u>. Our job was to create a Environmental Impact Assessment, a Feasibility Study, Cost-Benefit Analysis. Among the issues watershed management with erosion control, biodiversity and climate change issues were examined for optimal solution.</p>

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Date from - Date to	Location	Client	Description
2008-10	Hungary	EU Cohesion Fund Northern and Southern Great Plain Development Agency / Aquaprofit Zrt.	<p>The Northern and Southern Greater Plain Drinking Water Projects. All together around 500 settlements drinking water development projects were carried out from project identification to Application Form via Feasibility Study, Cost-Benefit Analysis and EIA if it was required. EU funding.</p> <p>For data analysis and information penetration purposes GIS based info system was used for fast and accurate work.</p>
2007	Hungary	EU Structural Fund Central-Danubian Directorate for Water and Environment	<p>Feasibility Study, Cost-Benefit Analysis and the Application Form for the Bata-Szekszard Canal - irrigation - water management project EU funding.</p>
2006	Hungary	EU Structural Fund Western Danubian Directorate for Water and Environment	<p>Feasibility Study, Cost-Benefit Analysis and the Application Form for the Lukacs-haza emergency reservoir - small river flood protection project EU funding.</p>
2006-7	Hungary	Holcim	<p>Our company has prepared the surface water modelling and analysis for a cross-boarder EIA for the 63 billion HUF Holcim's new Cement factory plant at Labatlan with state of the art dynamic modeling methods using GIS data sets. Our model is an air to rain water to soil to erosion to surface water model for heavy metals acomplied with soil particles developed by us according to the SWAT model.</p>

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2004 - 2007	Hungary	National Development Agency of Hungary	<p>Our team task was to evaluate the project ideas received by National Development Office of Hungary EU Cohesion and Structural Funds Managing Authority from the Ministries and Regional Development Offices in the area of environmental development (drinking water, wastewater, sewer, waste, renewable energy, and natural resources, climate change/draught) and erosion. Project cost varying between from 25 million up to 440 million EUR, all together 81 pieces. Our evaluation included a matrix consisting among others cost estimations, comprehension with legislation, scientific evaluation, management evaluation, procurement plan and time schedule for project preparation and construction. My second task was to participate contractual negotiations as Consultants to ensure the high quality of the projects to be prepared to receive future CFS grants during the period 2007-13 prepare ToR for public procurements of the projects.</p>
2002-2003	Hungary	UNDP - GEF Municipality of Budapest / IMSYS Kft.	<p>Environmental Assessment of the North-Budapest Wastewater Treatment Plant Nutrient Removal (The World Bank UNDP-GEF) The Municipality of Budapest received a grant from World Bank GEF program to protect the Black Sea from eutrophication the preparation of the NBWWTP (150,000 m³/d) nutrient removal project consultancy works.</p>