

Consultant for Water Treatment

Harald Kraft

Academic Qualification: Master of Science

Schmiljanstraße 7

12161 Berlin

Federal Republic of Germany

Tel. +49--30--8 51 66 16 / 8596 1194

Fax: +49--30--8 52 23 95

E-mail: kraft@ib-kraft.de

Internet: www.ib-kraft.de

Branch Office Cairo

AL HABASHI - KRAFT

Water Technology

80, Gomhouria St.

11111 Cairo - Egypt

Tel.: +20--2--591 04 77 / 589 54 62

Fax: +20--2--593 80 32

E-mail: contact@alhabashi.com

Internet: www.alhabashi.com

Branch Office India

KRAFT AND ASSOCIATES

No. 31 Rue Francois Martin

Kuruchikuppam

Pondicherry – 605 012 - India

Tel.: +91--413--233 15 70/ 60

Fax: +91--413--233 15 70 / 33 73 48

E-mail: kraft.associates@auromail.net

We render the following services:

- evaluation reports
- consultation
- planning
- supervision
- project site supervision
- project management

The services mentioned above cover the following domains:

1. Environmental protection

- ecological evaluation reports
- planning for the rehabilitation of eutrophic lakes
- examination of environmental compatibility
- ecological influence of projects in high dam constructions
- ecological influence of large-scale agricultural and housing hydraulic engineering projects

2. Ecological urban/rural reconstruction

- environmental measures
- water-saving sanitary engineering
- compost toilets
- rainwater recycling
- wastewater recycling

3. Water supply and distribution in housing areas

- site sewerage systems
- wastewater treatment facilities (centralised and decentralised) and root-zone wastewater treatment systems
- sewage/effluent pumping stations
- storm water retention basins and sedimentation basins
- groundwater enrichment plants
- sewage pressure pipelines
- pressure draining facilities
- facilities for potable water supply

4. Agricultural hydraulic engineering

- irrigation systems
- drainage systems

Within the framework of economic and technical cooperation, we carry out environmental evaluation studies for the following institutions:

- The Federal Ministry of Economic Cooperation
(BMZ Bundesministerium für wirtschaftliche Zusammenarbeit)
- The Institute of Technical Cooperation
(GTZ Gesellschaft für technische Zusammenarbeit)
- Carl-Duisberg-Gesellschaft (CDG) and
- CARE
- The Scientific Research Council (SRC) Jamaica
- The Social Fond for Development (SFD) Yemen

We have also undertaken both consultation and evaluation projects for the following organisations and institutions:

- Senate Administration for Building and Housing , Berlin
(Senatsverwaltung für Bau- und Wohnungswesen, Berlin)
- River and Harbour Construction Authority, Hamburg
(Amt für Strom- und Hafenbau, Hamburg)
- Urban Redevelopment Authority, Hamburg
(Amt für Stadterneuerung, Hamburg)
- Water Supply and Distribution Authority, Hamburg
(Amt für Wasserwirtschaft, Hamburg)
- Horticulture Authority, Stuttgart (IGA 93)
(Stadt Stuttgart, Gartenbauamt, IGA 93)
- Town Council of Wermelskirchen
(Stadt Wermelskirchen)
- International Building Exhibition Co. Ltd., Berlin
(Internationale Bauausstellung Berlin GmbH, IBA, Berlin)
- International Building Exhibition Berlin S.T.E.R.N.
(Internationale Bauausstellung Berlin S.T.E.R.N.)
- Environmental Measures for Urban Redevelopment Co. Ltd., Berlin
(Gesellschaft der behutsamen Stadterneuerung mbH, Berlin)
- District Office of Berlin-Zehlendorf, Horticulture Authority
(Bezirksamt Zehlendorf von Berlin, Gartenbauamt/NGA)

- Municipality of Woltersdorf
(Gemeinde Woltersdorf)
- City Council of Konstanz
(Stadt Konstanz)
- Municipality of Petersdorf
(Gemeinde Petersdorf)
- Municipality of Rüdnitz
(Gemeinde Rüdnitz)
- VEWA Building Management and Real Estate Association mbH Berlin
(VEWA Baubetreuungs- und Immobiliengesellschaft mbH Berlin)
- Water Supply and Sewage Treatment Co. Ltd. of Mark Brandenburg
(MWA Märkische Wasserversorgungs- und Abwasserbehandlungs GmbH)
- Water Association of Strausberg Erkner
(WSE Wasserverband Strausberg-Erkner)
- Building Authority for Ravensburg
(Stadt Ravensburg, Bauverwaltungsamt)
- DSK, German Land Development Association mbH
(DSK, Deutsche Grundstücksentwicklungsgesellschaft mbH)
- Rehabilitation and Commercial Construction AG Berlin
(Sanierungs- und Gewerbebau AG Berlin)
- Treuwert Real Estate GmbH & Co. Housing/Commercial Estate Sanssouci KG
(Treuwert Immobilien GmbH & Co. Wohn/Gewerbepark Sanssouci KG)
- BerlBau GmbH
- WBF, Friedrichshain Housing Association mbH
(WBF, Wohnungsbaugesellschaft Friedrichshain mbH)
- GSW, Housing and Development Co-operative Berlin mbH
(GSW, gemeinnützige Siedlungs- und Wohnungsbaugesellschaft Berlin mbH)
- BVB, Public Housing Association Berlin eG
(BVB, Beamten Wohnungs- - Verein zu Berlin eG)
- BBG, Berlin Co-operative Building Society
(BBG, Berliner Baugenossenschaft eG)
- SAGE - BAU AG, Land Development Association mbH
(SAGE - BAU AG, Grundstücksentwicklungsgesellschaft mbH)
- BAVARIA / Bautrako
- ELT ARGE Marzahn / LBB
- Euromedien Babelsberg GmbH
- Dr. Pieper GmbH & Co. 1. KG
- Building construction Dipl.-Ing. H. Schlifkowitz GmbH
(Ingenieurbau Dipl.-Ing. H. Schlifkowitz GmbH)
- State Development Association Potsdam mbH
(Landesentwicklungsgesellschaft Potsdam mbH)

- Project Development Association of the state Brandenburg mbH
(Landesentwicklungsgesellschaft Brandenburg mbH)
- EFG Planning Association Former Airport Böblingen-Sindelfingen
(EFG Planungsverband Ehemaliger Flughafen Böblingen-Sindelfingen)
- GAGFAH & HABERENT Swiss Quarter Real Estate Company
(GAGFAH & HABERENT Schweizer Viertel Grundstücks GmbH)
- BEC – Energy Consult GmbH
(BEC – Energie Consult GmbH)
- build.Ing, Association for Planning, Building, Management mbH
(build.Ing, Gesellschaft für Planen, Bauen, Betreuen mbH)
- Auroville Foundation, India
- Weidinger Landscape Architects
- AP-Plan, Vielmo Architects
- Association Border Crossing Garden Exhibition 2006;
Marktrechwitz – Eger/Cheb
(Durchführungsgesellschaft Grenzüberschreitende Gartenschau 2006
Marktrechwitz- Eger/Cheb)
- DaimlerChrysler AG

Awards

The designs from our office have received the following national and international honours and awards:

February 1980	Awarded Schinkel prize and Schinkel plaque in the field of hydraulic engineering for urban water planning VIJAJANAGAR STEEL CITY / INDIEN
1987	<p>Integrated Water Concept IBA Block 6 with Rootzone Treatment Plants – Berlin Kreuzberg</p> <p>In the national competition “Citizens, this is about Your Community” Kreuzberg was honoured, based on this project, with the gold plaque from the national president for its ecologically oriented residential and town planning (with Atelier Loids).</p>
1991	1st prize in the town planning competition – Ecological Concept for the Development Area of Winkelwiesen in Berlin-Pankow (with Architects Schattauer and Tibes)
1993	1st prize in the town planning competition – Urban Ecological Concept for Storm Water Management for the Municipal District of Hamburg Neu-Allermöhle (with Atelier Loidl)
1996	Storm Water Management Schweriner Hof, Berlin Hellersdorf, recognised as an exemplary model of an ecological project in the Habitat II-Conference in Istanbul (with Atelier Loids)
2001	Project Teltow-Mühlendorf – honoured in the competition “City design through pioneering projects for urban developing areas” by the SLR, DAV
2002	3rd prize, international competition „Olympic Green - Beijing 2008“ (with Architecture Office HWP Stuttgart, Kienle Landscape Architects)
2003	1st prize in the international competition BUGA Schwerin 2009 “Gardens of the Centuries”(with Atelier Loidl)

PROJECT REVIEW

<u>Country</u>	<u>Project</u>	<u>Year of construction</u>	<u>Client</u>	<u>Short Description of the Project</u>
Yemen	Infrastructure Project Shibam Hadhramawt (44.000 cap.)	2003-2004	Social Fond for Development (SFD)	Pre-Feasibility for the rehabilitation of the waters supply, wastewater-, stormwater management, road construction, wastewater reuse and ecological sanitation
Germany	Rainwater harvesting and construction of 3 lakes International Garden Exhibition Marktredwitz/Cheb 2006 (2 ha)	2003-2004	Association Border Crossing Garden Exhibition 2006; Marktredwitz – Eger/Cheb	Detailed design and execution of Lake Auensee, a lake nature swimming pool and its regeneration pond
Germany	Construction of Lake Rosensee, State Garden Exhibition Oschatz, 2006 (1 ha)	2003-2004	Weidinger Landscape Architects	Detailed design and execution of the lake “Rosensee” including rainwater harvesting
Germany	Re-naturalisation of the marshlands of the river Nuthe near Potsdam (90 ha)	1997-2004	Euromedien Babelsberg GmbH	Planning, final design and execution of the restoration of the “Southern Drewitzer Nuthe Marshlands” to its natural state with watercourses of II. and III. order
Germany	Storm water harvesting and re-use project in the large housing development area Teltow-Mühlendorf (27 ha)	1996-2004	Mühlendorf KG	Evaluation of the plans for the storm water disposal system for the large housing development area Mühlendorf-Teltow Preparation of the final design and site supervision for the 1 st , 2 nd and 3 rd construction phase of terrain modelling, road construction and storm water drainage of the private properties, sidewalks, and parking lots, as well as the storm water drainage and disposal systems for roads and open spaces
Germany	Water management in the new housing project Vogelsdorfer Straße I / II, Municipality of Woltersdorf (43 ha)	1994-2004	DSK	Preliminary planning, approval planning and final design as well as project management and site supervision of the drinking water supply, the wastewater and rainwater disposal

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Germany	Water management Municipality of Woltersdorf (600 ha)	1990-2004	Water Association Strausberg-Erkner	Preliminary planning, approval planning and final design of the Woltersdorf canalisation project for drinking water supply, wastewater disposal and stormwater drainage as well as site supervision for all of the 14 construction phases
Germany	Establishment of a swimming place in the Federal Garden Exhibition Britzer Garten, Berlin (8,5 ha)	2003	Weidinger Landscape Architects	Study on the establishment of a swimming place at the lake within the "Britzer Garten" together with Weidinger LA, A. Zimmermann LA Improvement of the water quality with help of a sea water cleaning plant
Germany	Rehabilitaion of Lake "Motzener See" (212 ha)	2003	Office Peter Beck	Technical solutions (deep water cleaning plant) for improvement of the water quality in the lake "Motzener See"
Germany	Rehabilitation of Galluner Fließ Marshland (200 ha)	2003	Office Peter Beck	Re-establishment of the Galluner Fließ and its biological corporation through improvement of de-watering, water quality and measures to re-nature
Germany	Rainwater Management for the expansion of the MTC area (27 ha)	2003	DaimlerChrysler AG	Pre-feasibility study on the urban development report of the area „Südlicher Mittelpfad“ in the city of Sindelfingen
Germany	Rainwater Management Development Project Frankfurt/M. „Am Riedberg“ (200 ha)	2003	FEH, Research and development Society Hessen mbH	Preliminary design, planning and final design for the rainwater management in the urban development project „Am Riedberg“ within the project "Käteslach Park"
Germany	Soil Investigation Dorfstraße 21, Berlin-Kaulsdorf	2003	Premier Deutschland	Study on the soil investigation in the project Berlin Kaulsdorf
Germany	Water engineering planning Lake "Pelzmühlenteich", City of Chemnitz (1ha)	2002-2003	Weidinger Landscape Architects	Water engineering planning of the measurements to improve the water quality of a river and in the lake "Pelzmühlenteich" in the city of Chemnitz
Germany	Rehabilitation of the project Matthiasstraße 6, Berlin- Friedrichshain	2002-2003	build.Ing GmbH	Soil investigation and final design to rehabilitate the property, controlled dispose of the precipitation and of the infiltration water of the property

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Germany	Rainwater management Alt Stralau, Berlin	2002-2003	build.Ing GmbH	Planning and design of the rain water management facilities in a housing project for handicapped persons
Germany	Drinking water supply, rainwater and wastewater management Project Reinbek „Am Feenbaum“ (200 cap.)	2002-2003	Hans Puls	Drinking water supply, rainwater management, wastewater management Solution through closed water cycles (ecological sanitation)
India	Water management International City of Auroville, Tamil Nadu (50.000 cap.)	2002-2003	Auroville Foundation / EU and Asia Urbs	Prefeasibility study on planning of the integrated water management of drinking water supply, Rainwater and wastewater treatment and reuse Soil investigation for the City of Auroville and its bio regions as part of the Asia Urbs Project for water management
Sri Lanka	Drinking water supply, rain water harvesting, waste water- and solid waste management, Jaffna (70.000 cap.)	2001-2003	GTZ	Study „Drinking Water Supply, Rain Water Harvesting, Waste Water- and Solid Waste Management in Jaffna Municipal Council“ Final design and tender documents for rainwater harvesting and groundwater purification
Germany	Rainwater management, Neues Schweizer Viertel Berlin-Lichterfelde (14 ha)	2001-2003	Gagfah & Habarent	Preliminary planning, permit acquisition, final design and site supervision for rainwater management in a large housing project “Neues Schweizer Viertel”, including soil investigation for the housing project
Germany	Re establishment of the pond Gallun Municipality Gallun	2001-2003	BEC	Preliminary planning, permit acquisition and final design to re establish the Gallun pond
Germany	Rainwater management Commercial Development Project Former Airport Böblingen- Sindelfingen (80 ha)	2000-2003	EFG	Feasibility study and preliminary design for rainwater management in a large housing and industrial project, rainwater harvesting, treatment in reed beds, lake 4,2 ha, rainwater reuse

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India	Rainwater and wastewater management Netaji Subhash Institute of Technology (NSIT), New Delhi (58 ha)	2002	NSIT, New Delhi	Feasibility study for the integrated on-site root zone waste water treatment and reuse as well as the rainwater harvesting, treatment and utilisation at Netaji Subhash Institute of Technology (NSIT)
China	Water management for the project Olympic Green, Beijing 2008 (1.200 ha)	2002	Architecture Office HWP	Participation on the international competition „Olympic Green - Beijing 2008“, with Architecture Office HWP Stuttgart, Kienle Landscape Architects for the parts drinking water supply, rainwater and wastewater management
India	Treatment plant Udyogam Auroville (300 cap.)	2002	Industrial Zone Monitoring Group	Pre-feasibility study for planning and design of common effluent treatment plant (CETP) at Udyogam, Auroville Industrial Zone.
India	Integrated water system Kolam/Auroville (300 cap.)	2000-2002	Kolam / Auroville	Planning and designing for integrated wastewater treatment and rainwater harvesting system for Creativity housing project.
Jamaica	Waste water management know-how-transfer project Kingston	1998-2002	GTZ / SRC	Participation in Waste Water Management Know-how-Transfer Project; Holding of the workshop on, “Operation and Maintenance of Decentralised Waste Water Treatment Systems in Jamaica”
Nepal	Urban development Bhaktapur assistance for the Town Development Fund Bhaktapur (70.000 cap.)	1991-2002	GTZ / Town Development Fund	Improvement of the sewage treatment systems of the city Bhaktapur; Rehabilitation of the sewage treatment plants Hanumanghat and Sallaghari; Rehabilitation of the Northern Main Collector; New Planning of the Hanumante North Bank Collector, of overflow constructions and grit chambers of the Southern Main Collectors I to X; Assistance for the Town Development Fund in planning and building of storm water facilities in several cities in Nepal
India	Root zone waste water treatment for the clinic Quiet, City Auroville	2001	Quiet	Rehabilitation of rootzone waste water treatment plant for the clinic at Quiet

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Germany	Rainwater purification plant lake "Bauersee" (12 ha) Municipality of Woltersdorf	1995-2001	Municipality of Woltersdorf	Preliminary planning, approval planning and final design as well as site supervision for the technical equipment of the facility in the project lake "Bauersee"
Germany	Feasibility study for rainwater Management Biological technology park, Potsdam (50 ha)	2000	PEG, Potsdam	Feasibility study for rainwater management at Biological Technology Park of the state of "Brandenburg", Potsdam
Germany	Rainwater management Large settlement Landsberger Tor, Wuhlepark, Berlin-Marzahn (30 ha)	1994-2000	DSK / NGA Marzahn / Arge Marzahn	Approval planning and final design as well as site supervision of the storm water treatment and infiltration facility for the streets in the large settlement Marzahn - Landsberger Tor
Germany	Water management Municipality of Woltersdorf (600 ha)	1998-1999	WSE	Actualisation or new planning of the final design as well as site supervision for the sewage pumping station VII
Germany	Rainwater management 4 apartment blocks Berlin-Friedrichshain (19,5 ha)	1997-1998	WBF	Study of as well as preliminary planning, approval planning and final design of infiltration facilities for the large housing development project Berlin-Friedrichshain Landsberger Allee / Petersburger Straße, blocks 1, 2, 3, 4 as well as site supervision
Germany	Integrated water concept Berliner Straße 88, Berlin-Zehlendorf (450 cap.)	1989-1998	SenBauWohn / GSW, Berlin / BBW / BBG	Final design of the integrated water concept regarding the ecological measures for the urban housing area of Project Berliner Straße 88; Planning of the ecological measures for the construction of a green estate at Berliner Str. 88, further application of water accumulated from the surface of the houses; Site supervision for the construction of the ecological measures for the new buildings at Berliner Str. 88; Cleaning of the grey water, storm water cisterns, storm water reuse, e.g. for irrigation

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Germany	Rainwater disposal large settlement Landsberger Tor, Wuhlepark, Berlin-Marzahn (30 ha)	1997	Dr. Pieper GmbH / Schlifkowitz GmbH / BAVARIA	Approval planning and final design as well as site supervision of stormwater infiltration for the Apartment Houses in the large settlement Marzahn - Landsberger Tor
Germany	Concept of wastewater disposal for the Water Association Strausberg-Erkner (442 km²)	1997	WSE	Development of waste water disposal masterplan for the Water Association of Strausberg-Erkner
Syria	Urban development City of Aleppo	1996-1997	GTZ / Planco	Rehabilitation of the Old Town of Aleppo; Construction of the drinking water supply, sewage and stormwater disposal systems, Consultancy and training
Italy	Report of water supply and water disposal, City of Genua	1996	ARED, Genua	Evaluation of the rehabilitation of the storm water disposal and water supply systems in the Old Town of Genua
Germany	Stormwater retention and treatment facility Eichendamm Municipality of Woltersdorf (1 ha)	1995	Municipality of Woltersdorf	Final design as well as site supervision for the construction of storm water retention and treatment facility Eichendamm,
Germany	Root zone wastewater treatment plant, Berlin Zoo	1995	Zoo AG	Final design of root zone waste water treatment plant as well as site supervision for construction of root zone waste water treatment plant for hippopotamus house
Germany	Root zone wastewater treatment plant, Blankenfelde (60 cap.)	1995	SaGeBau	Final design of root zone waste water treatment plant Stadtgut – Blankenfelde
Germany	Root zone wastewater treatment plant, Schöneiche (60 cap.)	1995	IGM Landhof GbR	Root zone waste water treatment plant for ecological housing development in Landhof Schöneiche
St. Lucia	Root zone wastewater treatment plant, Marigot Bay (300 cap)	1995	GTZ	Design of the rootzone waste water treatment plant at Hurricane Hole Hotel

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Germany	Stormwater treatment Schweriner Hof Berlin-Hellersdorf (1,4 ha)	1994	Berlin Senate Admin. for Building and Housing/ Atelier Loidl	Research project on storm water treatment, infiltration and reuse at Schweriner Hof
Germany	Stormwater management in large housing project Südpark Berlin-Spandau	1994	GEWOBAG	Frasibility study stormwater management, treatment and reuse at the Südpark Spandau
Germany	General Drainage Masterplan Water Association Strausberg-Erkner (442 km²)	1994	WSE	Development of general wastewater drainage plan for the regions associated with Water Association Strausberg-Erkner
Senegal	Rehabilitation of slum in Dakar-Pikine (482,5 ha, 600.000 cap.)	1993-1994	Planco / GTZ	Préparation d'un projet de coopération technique et financière pour la restructuration de Pikine irrégulier Dakar
Germany	Surface stormwater drainage drainage system Hamburg Kirchdorf Mitte/Nord (75 ha)	1992	City of Hamburg	Preliminary design for the surface drainage system with water bodies of II. order in the centre and the northern part of Hamburg-Kirchdorf including stormwater management, treatment and reuse
Senegal	Development of waste disposal and wastewater treatment Dalifort / Dakar (600 cap.)	1992	Kaltwasser Ing. / GTZ	Study of previous experiences, as well as the development of a strategy for waste disposal and wastewater treatment for the areas Dalifort / Dakar
Germany	Rehabilitation of Petersdorfer Lake Petersdorf (23 ha)	1992	Municipality Petersdorf	Preliminary planning of the rehabilitation of Petersdorfer Lake
Germany	Stormwater management Stromeysersdorf (11,3 ha)	1991	City of Konstanz	Preliminary design of storm water treatment facility for the industrial area of Stromeysersdorf, Konstanz
Kenya	Urban development Kenya	1990-1991	Kaltwasser Ing. / GTZ	Consultant for planning of the urban development in Kenya; Examination of wastewater treatment and waste disposal in 6 small towns such as Kilifi, Voi, Chuka, Keroka, Garissa, Noarok

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Germany	Stormwater Management and drinking water substitution Project Kasseler Straße Frankfurt/Main	1990	Engineer's Office Scheer, Stuttgart	Final supplementary planning of the storm water concept for decentralised treatment and re-use, as well as drinking water substitution for the eco-cultural industrial estate Kasseler Straße
Germany	Centralised and decentralised wastewater treatment systems Oberwinkelhausen	1990	Municipality Wermelskirchen	Comparative planning of centralised and decentralised wastewater treatment systems in Oberwinkelhausen
Germany	Integrated water concept for urban decentralised stormwater and wastewater treatment for re-utilisation "Model Block 103" Berlin	1986-1990	S.T.E.R.N. Berlin	Evaluation of an integrated water concept for urban decentralised storm water and waste water treatment for re-utilisation as a substitute for drinking water consumption. Evaluation of biogas production and utilisation in the research project 'Model Block 103'; Conception and development of decentralised sewage treatment plants for faecal-free wastewater and re-utilisation in the integrated water concept; Research project "Function and Transferability of the Decentralised Wastewater Treatment Systems in the Model Block 103 and their Potential Hygienic Influence"; Examination of the design and realisation of a decentralised sewage treatment and re-utilisation system in Model Block 103 at the International Building Exhibition in Berlin; Intermediate evaluation study on the decentralised processing facilities of faecal-free housing wastewater of the R&D-Project "Model Block 103" within the framework of the experimental housing and town development program of the Ministry for Housing
India	Institution building New Delhi	1989	Kaltwasser Ing. / GTZ	Institution building consultancy for the construction of sewage systems and central treatment plants for industrial sewage to environmental conservation authorities in India, development of guidelines for environmental planning and rehabilitation for new industrial estates, Central Pollution Control Board, New Delhi

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India	Water treatment system for Matrimandir gardens City of Auroville	1988	Auroville Planning Group	Design of an ecologically appropriate water treatment system for the urban lakes and parks (Matrimandir gardens in the City of Auroville, Tamil Nadu, India), taking into consideration optimal resource protection
World	Bilateral and multilateral high dam projects	1988	Ministry for Economical Cooperation (BMZ)	Cross evaluation of 25 high dam projects and their ecological impacts
Germany	Rehabilitation of Lake "Klostersee" (2,8 ha)	1988	Authority of Environm. Protection, Bavaria	Preliminary design for the rehabilitation of lake "Klostersee"
Germany	Decentralised stormwater and root zone wastewater treatment system Model Block 6, Berlin-Kreuzberg	1986-1987	IBA Berlin	Preliminary and final design, invitation of tenders as well as site supervision of a decentralised storm water and root-zone wastewater treatment system, re-use and groundwater recharge in the Model Block 6, Berlin-Kreuzberg at the International Building Exhibition Berlin
Mali	High dam project Sélingué (409 km ²)	1986	BMZ	Inspection of the High Dam Project Sélingué/Mali – Evaluation of the ecological impact of the reservoir and the irrigation projects
Germany	Research project "root zone sewage treatment"	1981-1985	TU Berlin	Research project "Irrigation by Means of a Root-Zone Sewage Treatment"
Germany	Study on Lake "Waldsee" Hermsdorf (2,5 ha)	1984	Senate Administration Berlin	Examination of sludge usage in agriculture of lake Waldsee
Germany	Nature conservation planning, flood control and re-naturalisation Drömling	1984	TU Berlin	Nature conservation planning, Drömling in the Land of Niedersachsen, flood control as well as renaturalisation of wetlands
Germany	Rehabilitation of the Lake "Dümmer-See" (12 km ²)	1983	TU Berlin	Priliminary planning of a reed sedimentation pond for the rehabilitation of the eutrophic lake „Dümmer-See“

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Germany	Research project on high dam projects	1983	BMZ	Research project "The ecological Influence of large High Dam Projects on Aquatic Ecosystems"
Germany	Rehabilitation Lake "Grunewald" (20 ha)	1982	Senate Berlin	Rehabilitation of Lake Grunewald, Berlin, agricultural usage of sludge
Germany	Research of the Marienfelde Farm, Berlin	1981	TU Berlin	Examination of nutrient contents in agricultural soil of Marienfelde Farm
Germany	Research project on irrigation	1981	TU Berlin	Research project "Determination of Crop Yields in relationship to irrigation"
Germany	Study on flood retaining basin Neu-Isenburg	1981	TU Berlin	Examination of influences of a flood retaining basin on groundwater level of Luderbach basin
Peru	Usage of renewable energy resources	1980	ÖKOTOP / GTZ / GATE	Special program in usage of renewable energy resources in Peru – identification of projects concerning the usage of small-scale water-power facility
India	Irrigation by means of wastewater Vijayanagar Steel City and Kudatini (300.000 cap.)	1979	Auroservice	Irrigation of parks and agricultural areas by means of wastewater in Vijayanagar Steel City and Kudatini/India, Masterplan
Germany	Flood control pumping station Biblis	1972	Golüke	Detailed design and execution of the flood control pumping station

