

CURRICULUM VITAE

1. **First Name:** Andreas
2. **Family Name:** Stoitsits
3. **Date of Birth:** 10th April 1963
4. **Nationality:** Austrian
5. **Marital Status:** Single
6. **Profession:** Water Supply and Sanitation Engineer
7. **Education:**

Institution	International Institute for Infrastructural, Hydraulic and Environmental Engineering (IHE) Delft, The Netherlands
Date	1994
Degree Obtained	Post graduate Diploma – International Sanitary Engineering Course 93/94

Institution	University of Natural Resources and Applied Life Sciences, Vienna (Universität für Bodenkultur Wien), Austria
Date	1992
Degree Obtained	M.Sc. in Civil Engineering and Water Management

Institution	Federal Technical High School Graz, Austria
Date	1982
Degree Obtained	1 st Engineering Degree (B.Sc.) in Civil Engineering

8. Language Skills: (5 for competence)

Language	Reading	Speaking	Writing
German	M o t h e r t o n g u e		
English	5	5	5
Croatian / Bosnian / Serbian	4	4	3
Russian	2	2	1

9. **Other Skills:** Microsoft Applications (Access, PowerPoint, Project, Excel, Word, DOS), AutoCad, Aqualibre, Lotus, WordPerfect, Visio Standard
10. **Present Position:** Self-employed, Andreas Stoitsits - Technisches Buero fuer Kulturtechnik & Wasserwirtschaft (www.stoitsits.com)
11. **Key Qualifications:**

Since 1990 working in the Water and Sanitation Sector and from 1996 continuously working abroad with a wide ranging experience in all aspects of water supply, sanitation and infrastructure projects, e.g.

- ◆ Project management and supervision of water supply, sanitation and energy projects
- ◆ Water supply network rehabilitation with special focus on Non-Revenue Water
- ◆ Network operations and maintenance of water and waste water systems
- ◆ Production and consumer metering
- ◆ Institutional strengthening programs in the water and sanitation sector
- ◆ Coordination, programming and consulting for International Funding Agencies

especially related to problems in Former Yugoslavia, Central and South Asia, gathered most of the overseas experience in countries as diverse as Bosnia & Herzegovina, Croatia, former Yugoslavia (Serbia & Kosovo); FSU countries, like Moldova, Kazakhstan, Uzbekistan and Tajikistan; and in South Asia in India and Sri Lanka.

12. Specific Countries Experience:

Country	Date
Bosnia & Herzegovina	November 2003 - ongoing
Yugoslavia (Kosovo)	October 2003
India	September 2003
India	May 2003
India	March 2003
Sri Lanka	February – March 2003
Yugoslavia (Kosovo)	October – November 2002
Bosnia & Herzegovina	July & September 2002, January 2003
Moldova	June 2002
Uzbekistan	March 2002
Yugoslavia (Serbia)	September 2001
Kazakhstan	May - August & November 2001, February 2002
Lebanon	January 2001
Russia	May 2000
Bosnia & Herzegovina	November – December 1999
Tajikistan	October 1999
Croatia	September 1999
Uzbekistan	July 1999
United Kingdom with BWS (former BWCS)	June 1999 – May 2000
Yugoslavia (Kosovo)	September 1998 – February 1999
Bosnia & Herzegovina	March 1996 – August 1998

13. Professional Experience Record:

Date:	Since November 2003, ongoing
Location	Bosnia and Herzegovina
Employer	World Bank - International Bank for Reconstruction & Development as Consultant
Position	Water Utility Analyst
Description	Analyses of water utilities in Cazin, Gracanica, Orasje, Travnik, Vitez; Identification of priority investments & development of medium terms strategies with regard to operations and leakage management for the proposed 'Urban Infrastructure and Service Delivery Project' by the World Bank.

Date:	Since November 2003
Location	Vienna, Austria
Employer	Andreas Stoitsits, Technisches Buero fuer Kulturtechnik & Wasserwirtschaft, Self employed (www.stoitsits.com)
Position	Water Supply and Sanitation Specialist
Description	Water utility analysis, consulting services for international funding agencies and companies in the water & sanitation sector; Preparation of tender and proposals documents; Supervision and monitoring of project implementation

Date:	August 2003 – October 2003
Location	New Delhi / Delhi, India
Employer	Bristol Water Services Austria GmbH
Position	NRW Expert
Description	Development of a strategy plan for conversion of intermittent water supply of view hours daily to continuous supply in districts Rohini, Trilokpuri, Green Park & Dakshinpuri. Strategy and cost estimation for demonstration zones, solely responsible for development of an IWA Water balance and strategy for conversion to continuous supply by considering institutional, technical & NRW aspects. Funded by Water and Sanitation Program (WSP) - World Bank.

Date:	May 2003
Location	Guwahati, State of Assam, India
Employer	Bristol Water Services Austria GmbH
Position	Project Manager & NRW Expert

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Description	Strategy for conversion of current intermittent supply of three hours per day to continuous water supply (24/7) for Guwahati urban areas. Technical feasibility, strategy and cost estimation for a demonstration zone, solely responsible for development of an IWA Water balance and strategy for conversion to continuous supply by taking into account institutional, technical and Service of Level (SoL) aspects. Funded by the Water and Sanitation Program (WSP) - South Asia.
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Date:	March 2003
Location	Gulburga, Belgaum, Hubli-Dharward, State of Karnataka, India
Employer	Bristol Water Services Austria GmbH
Position	NRW Expert
Description	'Karnataka Urban Water & Sanitation Sector Improvement Project' - Identification and strategy for a demonstration zone for conversion of current intermittent supply to continuous water supply (24/7) in all the cities. Responsible for project preparation and inception mission. Financed by the Government of Karnataka and in the framework of the World Bank Water & Sanitation Sector Preparation Funding Line.

Date:	February 2003 – June 2003
Location	Kalutara to Galle Coastal Strip, Sri Lanka
Employer	Bristol Water Services Austria GmbH
Position	NRW Expert
Description	'Baseline Review of current Levels of Service and Water Distribution Network Performance' within the framework of the National Policy on Private Sector Participation. Customisation of BABE models taking into account network & house connection; Preparation of a Water Balance according to IWA and Development of 15 year forecasts of different scenarios based on identified PSP models. Funded by the Private Sector Infrastructure Development Co., Ltd., acting on behalf of the Ministry of Housing & Plantation Infrastructure of the Republic of Sri Lanka.

Date:	July 2002 – ongoing, from November 2003 on consultant basis
Location	Kosovo, Yugoslavia
Employer	Bristol Water Services Ltd.
Position	Project Director and NRW Expert
Description	'Institutional Development of Water Utilities Kosovo – Central and Northern Areas'. Overall project objective is the managerial and economic development in twelve utilities to provide sustainable provision of water and waste water services, funded by the European Agency for Reconstruction.

Date:	July 2002 – October 2003
Location	Klagenfurt / Vienna, Austria
Employer	Bristol Water Services Austria GmbH
Position	Company Director Appointment – Responsible for Consulting Department & Development
Description	Consulting Department Management, Business Development and Acquisition of Consultancies and 'Non-Revenue Water Reduction Projects' in the Water Supply Sector

Date:	June 2002 – January 2003
Location	Mostar, Bosnia & Herzegovina
Employer	Bristol Water Services Austria GmbH
Position	Project Manager
Description	Hydraulic Model, Design of a Zoning Plan, Active Leakage Control Policy and Investment Program for the Water Distribution Network for the Mostar Water and Sanitation Utility.

Date:	May 2002 – November 2002
Location	Cahul, Criuleni, Orhei & Soroca, Moldova
Employer	Bristol Water Services Austria GmbH
Position	Project Manager
Description	'Water Consumption, Distribution Network, Leakage Management, Production Assessment and Investment Analysis' project covering four cities in Moldova, financed by IBRD loan.

Date:	February 2002 – June 2002
Location	Samarkand & Bukhara, Uzbekistan
Employer	Bristol Water Services Austria GmbH

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Position	Project Manager
Description	'Consulting Services for Site Surveys and Testing of Equipment and Elaboration of Energy Efficiency Evaluation Methodology, Improvement and Specific Investment Strategies for the Bukhara and Samarkand Water Utilities' for the World Bank - Infrastructure Unit Europe and Central Asia Region.

Date:	September 2001 – November 2001
Location	Belgrade, Yugoslavia
Employer	Gauff Ingenieure GmbH & Co. KG (Consortium Leader)
Position	Non-Revenue Water Specialist
Description	Establishment of Bursts and Background Estimates (BABE) Model as well as Annual Water Balance for the City of Belgrade within 'Rehabilitation of Urban Water Supplies and Sanitation in Novi Sad; Niš and Belgrade' Project funded by Kreditanstalt für Wiederaufbau (KfW).

Date:	May 2001 – October 2002
Location	Karaganda, Temirtau & Kokshetau; Kazakhstan
Employer	Bristol Water Services Austria GmbH
Position	Project Manager
Description	This project is the main preparatory component of the 'Northeast Kazakhstan Water Supply and Sanitation Project', covers the cities Karaganda, Temirtau and Kokshetau and is financed by a PHRD Grant.

Date:	January 2001
Location	Jounieh, Lebanon
Employer	Bristol Water Services Austria GmbH
Position	Project Manager
Description	'Kesourane Water Supply Assessment – System Ftouh' financed by Dogmoch Group Responsible for demand, consumption and distribution network analyses; The Non-Revenue Water Assessment serves as a basis for an envisaged water loss reduction programme by the Dogmoch Group.

Date:	June 2000 - October 2003
Location	Klagenfurt / Vienna, Austria
Employer	Bristol Water Services Austria GmbH
Position	Regional Manager for Central & Eastern European Countries and Former Soviet Union
Description	Business Development respectively Acquisition and Implementation of Consultancies in the Water Utility Sector in CEEC and FSU for the Bristol Water Group.

Date:	November 1999 – May 2000
Location	Mostar, Bosnia & Herzegovina
Employer	Bristol Water Services Austria GmbH
Position	Project Manager
Description	'Mostar Water and Sanitation Project' financed through a PHRD Grant; Responsible for the project components 'Demand, Consumption and Water Supply Network Analyses'. The project serves as a basis for the merging of the Eastern and Western Utility Company for a jointly managed and operated Water Utility Company in Mostar.

Date:	October – December 1999
Location	Dushanbe, Tajikistan
Employer	Bristol Water Services Austria GmbH.
Position	Project Manager
Description	'Proposed Dushanbe Water Supply and Waste Water Project' financed by the Austrian Trust Fund / World Bank; Responsible for the project component 'Demand, Consumption and Water Supply Network Analyses' within the preparatory work for the management contract.

Date:	August – September 1999
Location	Dubrovnik, Croatia
Employer	Bristol Water Services Ltd. (Former BWCS Ltd.)
Position	Project Manager
Description	Feasibility Study on the Rehabilitation and Upgrading of the Waters Supply Distribution Network Dubrovnik, financed by Senter – The Hague Agency of Ministry of the Netherlands. Responsible for the technical component with regard to Consumption, Demand and Water

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	Supply Network System under the envisaged the BOT Project.
Date:	July 1999
Location	Samarkand & Bukhara, Uzbekistan
Employer	Bristol Water Services Ltd. (Former BWCS Ltd.)
Position	NRW Reduction Expert
Description	NRW Reduction Expert in the World Bank (PHRD financed) projects in Samarkand and Bukhara. Responsible for data collection, assessment and evaluation of the "Demand, Consumption and Water Supply Network Analysis".
Date:	May 1999 – May 2000
Location	Bristol, United Kingdom
Employer	Bristol Water Services Ltd. (Former Bristol Water Consultancy Services Ltd.)
Position	Project Manager
Description	Studies in the field of water supply network analysis with special focus on water losses in the distribution network as well as in houses and apartment blocks, applying the Bursts and Background Estimates (BABE) concept to model and quantify the aforementioned losses in the supply system.
Date:	September 1998 – February 1999
Location	Pristina, Kosovo, Federal Republic of Yugoslavia
Employer	International Management Group (IMG) – ECHO
Position	Deputy Head of IMG Field Office Pristina
Description	Technical Support Unit to the European Commission Humanitarian Office (ECHO), Main responsibilities: <ul style="list-style-type: none">• Evaluation and appraisal of project proposals submitted for funding• Supervision of program implementation• Financial monitoring of the Emergency Shelter and Water & Sanitation Program funded by ECHO and other International Agencies.
Date:	March 1996 – August 1998
Location	Sarajevo, Bosnia & Herzegovina
Employer	International Management Group (IMG) – Water, Sanitation & Solid Waste Unit
Position	Water & Sanitation Engineer
Description	The main objectives of IMG were the assistance to the Steering Committee Member Countries, European Commission, World Bank, and USAID in the phase of project identification, project preparation, programming and coordination between the donors and the support of the Office of the High Representative. Main duties: <ul style="list-style-type: none">• Assessment and prioritization of needs in relation to water, sanitation & solid waste• Institutional Strengthening Program related to Water & Sanitation in the Republika Srpska• Adviser to the Water Authorities in BiH and Coordination with ECHO• Project Manager for implementation and supervision of water rehabilitation projects financed by bilateral donors (e.g. Austria, Spain, Finland, Italy)
Date:	January 1995 – February 1996
Location	Vienna, Austria
Employer	Zivilingenieur Büro BR. D.I. Helmut Werner; Consulting Company
Position	Design Engineer
Description	Elaboration of feasibility studies and design of water and sanitation systems and flood protection plans, Consulting of Municipal Authorities in the Province Lower Austria
Date:	August 1993 – September 1993
Location	Vienna, Austria
Employer	ÖKOTEC, Büro für Umweltechnik, Wasser- & Abfallwirtschaft; Consulting Company
Position	Design Engineer
Description	Design of sewerage systems; Assessment of municipal solid waste collection systems, Consulting of Municipal Authorities in the Province Burgenland
Date:	July 1992 – September 1992
Location	Vienna, Austria
Employer	ÖKOTEC, Büro für Umweltechnik, Wasser- & Abfallwirtschaft; Consulting Company
Position	Design Engineer

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Description	Design of solid waste disposals sites, temporary landfills for construction rubble and analyses of existing sewerage collection systems in the Provinces Burgenland and Lower Austria
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Date:	July 1991 – August 1991
Location	Oberwart, Austria
Employer	Sterlinger & Co Bauges.m.b.H.; Construction company
Position	Project site manager
Description	Construction of a Federal Road B56 in the Province Burgenland

Date:	1980 – 1989 (Summer months)
Location	Vienna, Austria
Employer	G. Hinteregger & Söhne, Bauges.m.b.H.; Construction Company
Position	Project manager, Survey engineer & Cost controller
Description	Implementation of projects in the fields of solid waste (construction of landfills) and waste water, industrial and transport facilities (Highways and Underground) in the Eastern Region of Austria.

14. Others:

Publications:

Andreas Stoitsits, Roland Liemberger;
'Performance Target Based Non-Revenue Water Reduction Contracts – A new concept successfully implemented in Southeast Asia';
IWA specialised Conference – System Approach to Leakage Control and Water Distribution System Management, Brno, May 2001

Andreas Stoitsits
Study of the treatment plant Güssing-Glasing of the Sewage Works Mittleres Strem- and Zichenbachtal, focusing on aeration, flow velocity and denitrification in the biological unit;
Universität für Bodenkultur Wien; 1991

Specialized Seminars:

Emergency Infrastructure in Disaster Regions Austrian Red Cross, Vienna, October 1997