

CV MICHAEL STEINER

Gutenbergstr. 36
3011 Bern, Switzerland
www.point-d-eau.ch

born in St. Gallen 1975
Swiss citizenship
not married



EDUCATION

- 1996-2002 **Swiss Federal Institute of Technology, Lausanne (EPFL)**
- MSc of environmental engineering (dipl. Ing. génie rural EPFL)
- 1991-1996 **High-school St. Gallen, Switzerland**
- Scientific maturity

PROFESSIONAL EXPERIENCES

- since 10/2006 **Drinking water and wastewater management**
- Project leader at Ryser Ingenieure AG, Bern
 - Various project in the field of wastewater
- 03-09/2006 **Sanitation in Developing Countries**
- Project Officer at EAWAG/SANDEC for Faecal Sludge Management project in Dakar, Senegal
- 07/2004 – 08/2005 **Flood and Debris Flow Protection in Tajikistan**
- Project leader of "Riverbank Protection Muminabad" in Tajikistan with Caritas Switzerland (300'000 USD)
 - Construction of training dikes and sediment traps, stabilisation with gabions
 - Introduction of soft measures for natural disaster reduction (land use planning, emergency concepts, watershed management, workshops with population, capacity building of local government)
 - Consulting for drinking water and sanitation projects within Caritas
 - Elaboration of the follow up project (300'000 USD) and presentation to donors
 - Detailed information on: www.point-d-eau.ch/Muminabad/report.htm
- 01/2003-06/2004 **Sanitation and Flood Protection in Switzerland**
- Waste water engineer in the engineering company *CSD Ingenieure und Geologen AG, Liebefeld/Bern*
 - Evaluation and propositions for amelioration of several waste water treatment plants (Worblental BE, Orpund BE, Cottens FR) and industrial waste water treatment (Airport Bern, contaminated site of Kölliken AG)
 - Elaboration of several General Plans for sanitation on community level
 - Consulting and study for oxygen enrichment for water supply system of Perlen LU
 - Initial project of the flood protection concept for the city of Schwarzenburg BE
- 07/2002-11/2002 **Faecal Sludge Management in Developing Countries**
- Civil service of four month at the EAWAG/SANDEC, Dübendorf
 - Elaboration of a cost/benefice ratio of faecal sludge management
 - Elaboration of scientific and research publications

LANGUAGES

German	mother tongue
French	excellent (studies in Lausanne)
English	fluent (lectures, travelling)
Spanish	medium (language course, stay in South America)
Tajik (Farsi)	medium (stay in Tajikistan)
Russian	basics (lectures and stay in Tajikistan)

COMPUTER KNOWLEDGE

MS Windows with current applications (Word, Excel, PowerPoint, MS Project), MicroStation, ArcView, HEC-HMS, BelebungsExpert, FlowMaster, Dreamweaver

PUBLICATIONS

Steiner, M. (2005). *Integrierter Hochwasserschutz in Tadschikistan*. Umwelttechnik, Nov.-Heft 2005. <http://www.point-d-eau.ch/Muminabad/report.htm>

Steiner, M. (2005). *Dezentrale Siedlungsentwässerung in Westafrika*. Umwelttechnik, März-Heft 2005. <http://www.point-d-eau.ch/SBSBamako/report.htm>

Strauss, M., Barreiro, W. C., Steiner M., Mensah A., Jeuland M., Bolomey, S., Montangero, A., Koné, D. (2003). *Urban Excreta Management – Situation, Challenges, and Promising Solutions*. Paper presented at the IWA conference, Oct. 2003, Bangkok.

Steiner, M., Montangero, A., Koné, D., Strauss, M. (2002). *Towards More Sustainable Faecal Sludge Management Through Innovative Financing – Selected Money Flow Options*. EAWAG/-SANDEC <http://www.sandec.ch/FaecalSludge/Documents/Money.flow.models.pdf>

Steiner, M. (2002). *Evaluation des réseaux d'égout à faible diamètre dans des quartiers défavorisés à Bamako (Mali)*. Travail pratique de diplôme en génie rural à l'école polytechnique fédéral de Lausanne. <http://www.point-d-eau.ch/SBS.htm>

PRIVATE ACTIVITIES

2002/2003	• Travelling in Morocco, Eastern Europe and West Africa
2001	• Member of the committee of the association "Ingénieur du monde" at EPFL
2000	• Organisation of the environmental student meeting (ENVIRO)
1999	• Internship at ENTEC AG, St. Gallen: Topometric survey of two implementation sites in Indonesia and hydraulic calculation
1998/1999	• Travelling in Europe and Latin America, volunteer in an organic mountain farm
since 1998	• Meetings of European students of environmental sciences in Vienna, Moscow, Aberdeen, Paris and Innsbruck

PERSONS OF REFERENCE

Nicole Stolz	Program co-ordinator for Tajikistan, Caritas Switzerland, Luzern
Stephan Wüthrich	CEO CSD Ingenieure und Geologen AG, Liebefeld/Bern
Martin Strauss and Doulaye Koné	Program officer, EAWAG/SANDEC, Dübendorf EAWAG/SANDEC, CH (former at EPFL)