

## Curriculum Vitae

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<b>Name</b>	Peter Schubeler
<b>Nationality</b>	Swiss and British
<b>Present position</b>	Director and senior consultant: WAP Werkstatt für Architektur und Planung AG Olgastrasse 8 CH 8001 Zürich Switzerland  Tel. +41 (0)44 261 62 33 Fax. +41 (0)44 261 62 31 e-mail: <a href="mailto:peter@schubeler.ch">peter@schubeler.ch</a>
<b>Education</b>	Yale University, New Haven, Connecticut BA Economics (international trade and development)  University of Pennsylvania, Graduate School of Fine Arts, Philadelphia, Pennsylvania, Master of Architecture
<b>Professional affiliation</b>	SIA Schweizerischer Ingenieur- und Architektenverein SWB Schweizerischer Werkbund
<b>Languages</b>	Mother tongue: English Spoken and written: German and French
<b>Professional experience</b>	Albania, Armenia, Bangladesh, Belarus, Bosnia and Herzegovina, Burkina Faso, China, Georgia, India, Indonesia, Iran, Mauritania, Pakistan, Serbia, Switzerland, Turkey, Ukraine, Vietnam

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Peter Schubeler is an architect and development expert with a strong social science background. He has more than 30 years of professional experience, the major portion of which has focused on the development of Asian cities. He is specialised in the design, evaluation and backstopping of programmes and projects for improving urban services, habitat, municipal management and local governance. Community participation and institutional development are prominent concerns.

Peter is skilled in social and technical research, planning methodology, project planning and evaluation and policy analysis, as well as group facilitation and teaching. His contribution is based on a sound understanding of both technical and social dimensions of development processes and a comprehensive approach which extends from the practical mechanisms of project implementation to broader policy issues. As practicing architect and principal of a small architecture and planning firm, he has specialised in energy efficient architecture.

## **Professional Experience**

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### **1989 to the present: Consultant, WAP Werkstatt für Architektur und Planung AG, Zurich**

#### **Armenia and Georgia, 2009, Social Housing in Supportive Environment (SDC)**

Peter Schubeler (PS) was mandated by Swiss Agency for Development and Cooperation (SDC) to conduct an external review of a project promoting social housing projects and policies in Armenia and Georgia. SHSE is an integrated approach to shelter for most vulnerable persons in which local government, civil society and beneficiaries co-produce social services within the framework of government operated social housing facilities.

#### **Albania, 2006-2008, Urban Regulatory Plan, Tirana (The World Bank)**

In collaboration with the Swiss planning consultancy, Urbaplan, PS served as co-team leader of an international team of experts charged with preparation of a new regulatory plan for the Municipality of Tirana. The Project, including Regulatory Plan, Zoning Code and Institutional Development Programme was completed in December 2008.

#### **Morocco, 2008, Secouristes Volontaires de Proximité de la médina de Fès, (Swiss Agency for Development and Cooperation, SDC)**

PS undertook a mission to Morocco to formulate and prepare a pilot project which replicates the Neighbourhood Disaster Volunteer (NDV) approach in partnership with the Directorate of Civil Defence, the Wilaya of Fès and a local NGO (see NDSP, Turkey, below). The project will commence in early 2009.

#### **Iran, 2006, Tehran Neighbourhood Disaster Volunteer Project (SDC)**

PS undertook two SDC missions to Iran to formulate and prepare a pilot project to replicate the Neighbourhood Disaster Volunteer (NDV) approach in partnership with the Municipality of Tehran (see NDSP, Turkey, below). The project commenced in mid-2006.

#### **Albania, 2004-2005, Local Governance in Albania (SDC)**

At the request of SDC, PS conducted field investigations in Albania and produced a "programme identification report" that served as a basis for SDC's decision to mount a municipal support programme in the country. In collaboration with authorities of 8 municipalities and communes in Shkodra Province, a detailed programme proposal was elaborated for the Decentralisation and Local Development Programme. Implementation of the DLDP commenced in mid-2006.

#### **Vietnam, 2004-2007, Vietnam Sustainable Brickmaking Project – VSBP (SDC)**

PS led a four-member team in an external evaluation of the "action-research" phase and subsequently assisted in designing the first implementation phase of VSBP. Working closely with provincial authorities as well as small- and industrial-scale brickmakers, the project is assisting the partners to manage the transition from environmentally damaging and inefficient traditional brickmaking towards environmentally sound, socially responsible and economically viable brickmaking. Project activities encompass: technical development, policy application and enterprise support. In late 2006, PS led an internal review of the Project, resulting in SDC's decision to continue support for another two years, with a focus on policy innovation, institutional development and decentralisation, as well as national dissemination of the approach.

#### **Belarus and Ukraine, 2004, [www.chernobyl.info](http://www.chernobyl.info) (SDC)**

PS conducted an external review of the SDC-supported website, including a mission to Belarus and Ukraine to explore the potential for increasing regional ownership of the website.

### **Turkey, 2001-2005, Neighbourhood Disaster Support Programme – NDSP (SDC)**

The NDSP aims to establish network of neighbour-based volunteer organisations to generate and sustain a first-response capacity of the local population in the even of disaster. Starting in Kocaeli Province in 2001, the Neighbourhood Disaster Volunteer programme (NDV or MAG in Turkish) is now expanding rapidly in the Istanbul metropolitan area. More than 3000 volunteers have been trained, equipped and organised into 70 neighbourhood groups and four provincial associations. A Turkish foundation has been established to assume central support functions from the project. In regular missions, PS has assisted the project to develop its community development approach, elaborate project management instruments and formulate the programme institutionalisation strategy. He prepared a "decision-makers guide" as part of the "Resource Package" to promote replication of the NDV approach.

### **Union of Serbia and Montenegro, 2003, Social and Refugee Housing Project Feasibility Study, Stability Pact for South East Europe (Stability Pact/SDC)**

Together with a colleague (Emiel Wegelin), PS was engaged by the SP to support the Government of Serbia (GoS) in preparing a feasibility study for a social and refugee-related housing project; the FS would serve as the basis of a request by the GoS to the Council of Europe Bank (CEB) for a loan of about EUR 20 million to partially finance the project.

### **Bosnia and Herzegovina, 2001-2003, Municipal Development Project, Doboij (SDC)**

The project supports municipal stakeholders in formulating a common vision of local governance, introducing organisational innovations and procedures and jointly identifying, designing and realising specific projects that promote this vision. PS held a backstopping mandate that involves about two missions per year as well as reviewing project documents and reports.

### **Serbia, 2000-2004, Municipal Support Programme – MSP (SDC)**

Immediately following the peaceful revolution, PS led an SDC fact-finding mission to identify a possible municipal development programme. The resulting report "Recovery and Transformation in Serbian Municipalities" analysed existing conditions and outlined three alternative support strategies. Based on the selected strategy, PS led a project preparation mission, which worked with seven municipalities in formulating the MSP Programme Document (May 2001). Prior to Programme commencement in December 2001, PS organised an "Exchange and Training Programme", comprising a series of workshops on "local governance and municipal management" for about 49 senior municipal officials as well as language and computer skills training for municipal staff of the seven municipalities. Since programme commencement, PS held a Programme backstopping mandate from SDC.

### **Viet Nam, 1998, Strengthening the Capacity for Urban Management and Planning in Ho Chi Minh City and Hanoi (UNDP)**

PS led an international team charged with terminal evaluation of the UNDP project to strengthen municipal management and planning capacity in the two major cities of Vietnam.

### **Vietnam, 1996-2002, Urban Development Programmes in 3 medium-sized cities (SDC)**

PS led a fact-finding mission to Vietnam to prepare SDC's urban development strategy and identify potential urban sector projects. He conducted two preparation missions to the cities of Nam Dinh, Hué and Dong Hoi and elaborated project documents for each city. The projects include "entry point" investments in physical infrastructure, pilot projects for community involvement and institutional development within the Public Administration Reform programme. In 1999, PS co-facilitated a workshop on project monitoring and controlling. He led the preparation of second phase projects, including further elaboration of SDC's urban development strategy, conducting project planning workshops and preparation of "outline project documents". The second phase projects emphasise institutional development, expanded community participation programmes and introduction of multi-

sectoral investment programming. In 2002, PS participated in a preparation mission for the third phase project in Nam Dinh.

**China 1997-2002, Kunming Urban Development and Public Transport Master Plan/Training and Research Project, SDC, City of Zurich and the Swiss Institute for National, Regional and Local Planning-ORL (SDC)**

PS was engaged by SDC to support project management improvements and to lead a mid-term review mission, which included two Chinese experts. In 1999 PS led formulation of a phase 3 project. In 2002, he led a review mission of the Phase III project.

**Indonesia, 1997-1998, Support to the Preparatory Phase of the Urban and Regional Development Institute – URDI (UNDP and SDC)**

PS led a three-member evaluation mission of the preparatory phase of URDI. The following year, PS served for three-months as advisor to URDI.

**Pakistan 1994-1999, NWFP Community Infrastructure Project and Sindh Community Shelter Project (World Bank and SDC)**

CIP aims at improving infrastructure facilities in about 50 rural, semi-urban and urban communities throughout NWFP, employing a demand-driven approach, which involves communities in planning, financing, implementing and maintaining facilities. PS participated in the preparation of the projects as community development specialist. He participated in the World Bank appraisal mission and subsequent review missions.

SCSP comprises three innovative projects that: 1) provide housing-improvement credit to low-income households, linking them to commercial banks through the intermediation of NGOs; 2) upgrade squatter settlements, replicating the Orangi Pilot Project Approach; 3) support incremental low-income housing development. PS participated in project preparation and held a project-supervision and backstopping mandate. In 1997, he led a mid-term review of the SCSP.

**Indonesia, 1991-1993, Cirebon Urban Development Project (SDC)**

CUDP is a multi-sectoral urban development project involving institutional and community development as well as physical improvements to water supply, drainage, wastewater and solid waste management. In 1991 PS led an SDC mission to formulate the objectives, strategy and content of the third phase of CUDP. In the following year, he led an SDC project appraisal mission.

**Indonesia, 1993-94, Monitoring and Impact Evaluation Study of CUDP (Colenco)**

PS led a consultant team conducting a *Monitoring and Impact Evaluation Study (MIES)* of the CUDP Phase 2.

**Pakistan, 1992-1994, Shelter for Low-Income Communities Programme (The World Bank/SDC)**

PS supported preparation of pilot projects in North West Frontier Province (NWFP) and Sindh, project supervision and integration of the results into the "Community Infrastructure Project" (NWFP CIP) and "Sindh Community Shelter Project" (SCSP). He was a member of the World Bank appraisal mission.

**Bangladesh, 1990-1991, Building Materials Sector Study, Swiss Centre for Development Cooperation in Technology and Management (SKAT)**

The SDC study aimed at formulating a sector development strategy and preparing component projects. SKAT engaged PS to assist with project management, conduct field surveys, deliver study components and prepare the final report.

**Indonesia, 1989-98, Yogyakarta Urban Development Project (SDC)**

YUDP aims at improving municipal management capacity, urban planning and multi-sectoral investment programming within the Integrated Urban Infrastructure Development Programme (IUIDP). PS led the SDC's project formulation and mid-term review missions. In 1993, he provided professional input to the YUDP team regarding a municipal management information system (MIS). In 1994 he participated in the evaluation of Phase 2 and supported preparation of Phase 3.

**Pakistan, 1989-1991, Shelter for Low-Income Communities Study (World Bank/SDC)**

PS contributed to the preparation, supervision and evaluation of the World Bank-administered Shelter Study, prepared an SDC Shelter Sector Study, supported consultant selection and participated in World Bank supervision missions and assessment of study results.

**Global, 1997-2000, Groupe d'experts Développement Urbains (SDC)**

PS participated in GEDU, an advisory group to the SDC's Urban Development Section. Among other tasks, GEDU holds an annual seminar on urban development.

**Global, 1995-1996, Participation and Partnership in Urban Infrastructure Management, Urban Management Programme – UMP (UNCHS-Habitat/World Bank/SDC)**

PS was commissioned by the UNCHS-Habitat to prepare a policy paper on community participation in infrastructure development, operation and maintenance (No. 19, UMP Policy Paper Series).

**Global, 1995-1996, Municipal Solid Waste Management (UMP/SDC)**

PS presented the keynote paper, "Conceptual Framework for Municipal Solid Waste Management in Low-Income Countries" at the *Ittingen International Workshop on Municipal Solid Waste Management*. An expanded form of the paper was published by the World Bank as Urban Management Programme (UMP) Working Paper No. 9 (1996).

**Global, 1992-1994, Urban Development Policy (SDC)**

As participant in an advisory group to the SDC's urban development section, PS was principle author of the SDC's Urban Development Policy.

**Architecture and Energy Planning, 1992-1994, Girenbad-Hinwil, private client**

With an associate, PS planned a small, ecologically-sound housing development (12 units).

**Architecture/Energy Planning 1989-1991, Salzweg Energy-Refitting Project, Zurich**

PS designed a renovation project for an existing complex of 350 apartments, including planning and cost-benefit analysis of alternative energy systems employing solar-gain and heat-recovery.

**1982-1988, Amsler-Schubeler-Sarkar, Architects and Engineers, Zurich**

**Indonesia, 1988, Bandung Urban Development Project (Colenco):** urban economist with responsibility for masterplan review, project strategy and inception report.

**Indonesia, 1987-88, Cirebon Urban Development Project (Colenco):** base-line Monitoring and Impact Evaluation Study

**Indonesia, 1987, Yogyakarta Urban Development Project (SDC):** project preparation

**Indonesia, 1984-1985, Cirebon Surface and Wastewater Drainage Project (SDC):** project pre-appraisal and appraisal missions

**Architecture, 1982-1988, various projects and clients**

**Building energy system planning, 1982-1988, various projects and clients**

**Energy system research, 1982-1984, National Energy Research Foundation (NEFF).**

**1978-1981, Independent consultant**

**Upper Volta and Mauritania, 1983, ADAUA (SDC):** project evaluation.

**Indonesia, 1981, Cirebon and Yogyakarta Urban Development Project (SDC):** project preparation.

**Global, 1979-1980, Urban Development Policy (SDC):** PS was charged with formulating SDC's first policy guidelines in the field of habitat and urban development.

**1972-1978, Federal Institute of Technology Zurich (ETH-Z), Interdisciplinary Post-Graduate Programme on Developing Countries (INDEL)**

Lecturer responsible for courses on urban development and fieldwork projects.

Action research in urban community development and slum upgrading, Dharavi, Bombay (1973-74).

**1971, Swiss Federal Institute of Technology Zurich (ETH-Z), Department of Architecture**

Lecturer in architectural design and design methodology.

**Selected Publications**

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"Approaches to Urban Poverty", in *La pauvreté urbaine: un défi mondial*, Lieberherr, F. and Bolay, J.-C. Cahier de la Coopération No. 5, EPFL, Lausanne, 12.20.2007, pp. 23-45

*Learning from Cirebon: review of an urban development project in Indonesia, 1975-1998*, SDC working paper, 2004.

"Municipal Support Programme in Serbia: Demand-Driven Capacity Development in a Transitional Setting", paper presented at the 23<sup>rd</sup> Annual Meeting of the International Association for Impact Assessment IAIA, 14-23 June 2003, Marrakech, Morocco

*Participation and Partnership in Urban Infrastructure Management*, Urban Management Programme, Policy Paper No. 19, The World Bank, Washington D.C., 1996

*Conceptual Framework for Municipal Solid Waste Management in Low-Income Countries*, Urban Management Programme, Working Paper Series No. 9, (in collaboration with K. Wehrle and J. Christen), UMP/SDC, SKAT St. Gallen, August 1996

*Urban sanitation management in developing countries: conceptual tools*, SDC/SKAT, St. Gallen, 1996

*Urban Development Policy*, SDC Swiss Development Cooperation Trans-sectoral Policy, (principle author), SDC, Berne, June 1995

*Raumluft-Wärmerückgewinnung als Grundlastheizung: Messungen eines Einfamilienhauses mit LERA Energiesystem: I. Einführung, Methodik und Ergebniss des Handmessprogrammes; II. Luftwechsel und Luftströmungen; III Wärmebedarf, Energieverbrauch und Systemverhalten.*

"Commitment to urban development collaboration: Switzerland and urbanisation in developing countries", in *Human Settlement in Switzerland*, Housing Bulletin, Volume 63. Federal Office of Housing, Berne, Switzerland, 1996

"Planning for Participation?" in *DISP* Nr. 95, Institute of City, Regional and National Planning, Swiss Federal Institute of Technology, Zürich, October 1988

"Das Gebäude als Energiesystem", in *Aktuelles Bauen*, Solothurn, Switzerland, September 1985

"The Energy-Balance of a Building with Solar Gain and Recovery of the Heat of Air-Exchange", in *3rd Swiss Status Seminar, Research on Heat Conservation in Buildings*, EMPA, Dübendorf/ Zurich, 1983

"Origines et Pertinences du Concept d'Écodeveloppement", article in : *Terrains vagues et terres promises*, Cahier de l'IUED, Genève, Presses Universitaires de France, Paris, 1981, pp 163-187

"Local-Level Development in Urban India: an Overview and Reflections on a Case", in *Aktuelle Urbanisationsprobleme*, ETHZ, Zürich, 1979