

January 2019

Studio profile

mobilstudio is a swiss based architecture office, working to promote quality in space design and foster stronger resilience in the built environment.

Our office explores the role of architecture in a broad sense, with projects ranging from contemporary architecture to humanitarian shelter responses in crisis contexts, self-construction, capacity building and teaching.

We follow a context conscious approach, considering vernacular techniques, local cultures and socio-economic factors, and often cluster into multidisciplinary teams to respond to specific mandates.

The team has extensive experience in architectural projects in Switzerland and Europe, as well as ten years of experience related to natural or man-made disasters in emergency, early recovery and reconstruction of shelter and settlements.

Key qualifications

- Architectural projects: contemporary and humanitarian, all project phases, in Europe or southern countries
- Technical expertise: safe reconstruction, disaster resistant techniques (earthquake and cyclone) and adapted vernacular construction techniques
- Assessments, expertise and evaluations of shelter and settlements projects
- Coordination: sectoral and technical coordination through Shelter Cluster
- Technical training: training of trainers & construction professionals, production of training material and communication tools
- Teaching: bachelor and master level courses on “crisis architecture”
- Research & publishing: urban shelter response, vernacular architecture, technical literature

Experience specific to crisis/development contexts

Afghanistan conflict 2018
Cameroon conflict 2018
Syria conflict 2016-17
Ecuador Earthquake 2016-17
Nepal Earthquake 2015-16

Philippines Cyclone Haiyan 2013-14
Haiti Earthquake 2011-13
Myanmar Cyclone Nargis 2010-11
India, Cuba, Bolivia: research projects

Founding members

Nadia Carlevaro
architect EPFL, master degree 2004
swiss, italian nationalities
french, english, spanish, italian, german

Guillaume Roux-Fouillet
architect EPFL, master degree 2004
french, danish nationalities
french, english, spanish, german, danish

Brief personal profiles

Nadia Carlevaro

Architects EPFL, co-founders of mobilstudio in 2015, and members of the Swiss Humanitarian Aid unit, Specialized Group Construction, SDC-HA.

Professional education

2015, HSCT Master level short course on Shelter Cluster Coordination, IFRC / UNHCR / accredited by Oxford Brooks University, Geneva

2008, Diploma in Advanced Studies in “Technology and Sustainable Development in Emerging Countries”, Indian Institute of Technology Madras (IITM)

2004, Master in architecture, Swiss Polytechnic Institute of Technology, EPFL.
Thesis work on alternatives to the relocation of slum dwellers in Delhi, India.

Professional experience

2018-today, UNHCR GSC Geneva
Senior Shelter Cluster Coordinator,
Global Focal Point for Coordination

2017 Bern, SDC HQ
Assistant Desk Officer, Desks Central America,
Ecuador, Colombia & Haiti

2016-17 Syria, UNHCR
Senior Shelter Cluster Coordinator

2016 Ecuador, SDC
Emergency (SET) and evaluation missions

2015-16 Nepal, SDC and Swiss Solidarity
Construction expert, emergency and technical support missions for SDC
Evaluation of shelter projects funded by Swiss Solidarity

2013-14, Philippines, SDC
Construction expert, emergency mission, and school repair project, reconstruction phase

2012-2013 Haiti, SDC
Construction expert, CCR, professional training in seismic resistant construction techniques and communication campaign

2010-2011 Myanmar, SDC
Construction expert, seismic resistant school construction programme

2005-2010 & intermittently 2011-2015 Switzerland
Independent architect, projects in Switzerland
Teaching assistant EPFL, first year bachelor in architecture (L. Ortelli), Lausanne (1 year)
Architect at Farra & Fazan, Lausanne (2 years)
Architect at Aeby & Perneger SA, Geneva (2 years)

Guillaume Roux-Fouillet

2017, UNHCR Refugee Housing Unit, Training of Trainers, Dubai

2015, HSCT Master level short course on Shelter Cluster Coordination, IFRC / UNHCR / accredited by Oxford Brooks University, Geneva

2004, Master in architecture, Swiss Polytechnic Institute of Technology, EPFL
Thesis work on self-constructed housing in Santa Clara, Cuba

2016-17 Ecuador, SDC
Technical expert, Knowledge Transfer in Confined Masonry

2016 Ecuador, IFRC
Shelter Cluster Technical Coordinator

2014-2016 Portugal
Private house reconstruction on the coast

2013-14 Philippines, SDC
Construction expert, emergency mission, and school repair project, reconstruction phase

2012-2013 Haiti, SDC
Construction expert, elaboration of cyclone & seismic resistant school designs, local construction techniques for remote areas

2011-2012 Haiti, SDC
Construction expert, CCR (*Centre de Compétences Reconstruction*), elaboration of training and communication material

2005-2011, Switzerland
Co-founding of *nor architectes*, architectural projects in Switzerland

2002, Bolivia
Research on the vernacular architectural heritage of the city of San Lorenzo, Tarija

Teaching

2018 Geneva, HEAD. (Haute Ecole d'Art et de Design de Genève)
Lecturers as humanitarian architects at the Bachelor course in Interior Design "*Habiter l'attente*", (May 2018)
External experts for Interior Design Bachelor final projects evaluation (June 2018).

2017 Lausanne, EPFL. (Ecole Polytechnique Fédérale de Lausanne)
Lecturers as humanitarian architects at the Master course in Architecture "*Habitat et Développement Urbain*" (December 2017).

2017 Geneva, HEPIA. (Haute Ecole du Paysage d'Ingénierie et d'Architecture de Genève)
Assistant professors at the Joint Master of Architecture winter semester "Architecture de Crise". Lecturers in the seminar "*Emergency Shelters in Urban Areas*", conduction of the following 3 day-workshop (June 2017).

2014 Geneva, HEPIA. (Haute Ecole du Paysage d'Ingénierie et d'Architecture de Genève)
Lecturers as SDC/HA experts at the Joint Master of Architecture summer school seminar "*Architecture de Crise*" and conduction of a 3 day workshop on "Emergency Shelters in Urban Areas" (December 2014).

2014 Fribourg, EIA. (Ecole d'Ingénieurs et d'Architectes de Fribourg)
Lecturers as SDC/HA experts at the construction thematic week (bachelor level) "*Architecture et Humanitaire*" and conduction of a 5 day workshop on "*Emergency Shelters*" (November 2014).

Conferences

2017 Geneva, Switzerland.
"*Eco-Century Project*", participation and presentation at the seminar (November 2017).

2014 Anchorage, Alaska.
"*EERI - 10th National Conference on Earthquake Engineering conference*", participation and presentation of SDC/HA's work in Haiti, (July 2014).

2013 SUPSI, Locarno.
"*Centro di competenza per la ricostruzione ad Haiti – Cooperazione Svizzera*", on Swiss Humanitarian Aid projects in Haiti, University of Applied Sciences and Arts of Southern Switzerland (Oct. 2013).

2007 Chandigarh, India.
"*Housing for the urban poor – problems and prospects*", International conference. Speaker and co-organization with Saakaar Foundation, Swiss Embassy in Delhi and the Indian Express (November 2007).

Publications

2013-18 "*Guidebook for building earthquake-resistant houses in confined masonry*". Guidebook for technical training for construction of one to two-storey buildings in confined masonry. SDC / EERI. Authors: N. Carlevaro, G. Roux-Fouillet, T. Schacher. Versions: Non-country specific (revised in 2018), Turkey (2018) Ecuador (2017), Haiti (2013).

2014 "*Introducing confined masonry to Haiti through the training of workers – SDC / HA*". Authors: N. Carlevaro, G. Roux-Fouillet, T. Schacher. Proceedings of the 10th National Conference on Earthquake Engineering conference, Anchorage, Alaska, July 2014.

2013 "*Guidebook for Trainers*". Educational exercises for the training of masons in confined masonry". N. Carlevaro, G. Roux-Fouillet, T. Schacher, L. Demarta, SDC / HA. French version, August 2013.

2004 "*Between plots and flats. An alternative to the relocation of slum dwellers in Delhi area, India*". N. Carlevaro & A. Dupraz, Publications of the Master Degree Thesis, EPFL 2004.

2004 "*Alternatives pour la réalisation de logements par auto-construction, le quartier du Vaquerito, Santa Clara, Cuba*". G. Roux-Fouillet & C. Fouad, Publications of the Master Degree Thesis, EPFL 2004.