

Stefano Rosso



Nationality: Italian



<https://rossostefano.wixsite.com/architettura>



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Education

09/2018 – 07/2019 [Postgraduate Diploma in Sustainable Design in Developing Countries](#)



SOS School of Sustainability by Mario Cucinella – Bologna

Thesis: Tecla – 3d Printed Home

TECLA was developed using in-depth research undertaken by the SOS – School of Sustainability – a professional school founded by Mario Cucinella that combines education, research and practice. The research, conducted with the support of MA students from the Sustainable Environmental Design programme at the Architectural Association School of Architecture in London, explored the cause and effects of homelessness. It interrogated the use of technological advances to enable a solution, based on case studies in locations with different climates. The result is a highly flexible envelope, designed to be resilient to any climate and energy-efficient in a way that traditional housing models are not.

03/2012 – 12/2014 [Master's Degree in Architecture For The Sustainability Design](#)



Politecnico di Torino

Thesis: Officine Grandi Motori. Urban Generator. Mixité reuses the industry.

Supervisors Bosio M., Davico L., Roccasalva G.

Final grade 106/110. Publication

09/2008 – 02/2012 [Bachelor's Degree in Architecture And Design](#)



Politecnico di Torino

Thesis: Tell Italian Resistance between Europe and Turin. From Monument to interactive museum.

Supervisors Delpiano A. "Museo Diffuso della Resistenza" di Torino, Luciano Boccalatte

Final grade 102/110

Professional Experience

10/2021 - 04/2021 [Consulent - Researcher](#)



AICS - Agenzia Italiana per la Cooperazione allo Sviluppo - Khartoum - SUDAN

I led the field operations of the assessment on the conservation status of residential houses in Mayo, Khartoum, Sudan. We investigated structural problems of the houses and outlined actions for rehabilitation. I coordinated the data analysis and I led a team of three teachers of Khartoum University during the interviews.

External collaboration contract

09/2020 - 12/2020 [Building Site Supervisor](#)



AICS - Agenzia Italiana per la Cooperazione allo Sviluppo - Khartoum - SUDAN

I held the position of Building Site Supervisor (Operation Manager) during the construction of the Primary School Ghaar Hiraa in Mayo Mandela, Khartoum Sudan. I had previously designed the school with Arcò Architecture Office. For four months we conducted daily visits to the construction site and I got to know in deep local tradition. Engineer Filippo Condorelli and I led a group of twenty workers, capacity building activities and research of materials. Now the public school welcomes three hundred pupils from Mayo.

External collaboration contract

03/2020 - 07/2020 [Architect](#)



Arcò - Khartoum - SUDAN

The Italian Agency for Cooperation and Development commissioned to Arcò the design of the Ghaar Hiraa primary school in Mayo in Sudan. I moved to Sudan to oversee the design. I led the in field design phase of the school. I carried out research on local construction techniques and I was responsible for the preliminary and executive drawings.

External collaboration contract

08/2019 - 03/2020 [Architect](#)



Arcò - Khartoum - SUDAN

I was in charge for overseeing the design, 3d modeling and research. We did the preliminary and executive project of Ekhlass School in Iraq for UNESCO and the preliminary project of a primary school in Ethiopia for CBM Italia.

External collaboration contract

01/2016 - 12/2016 [Designer](#)



OpenWood - Turin - ITALY

I was in charge of product customization and sales director in Openwood, the Italian partner of Opendesk London. Opendesk is an online marketplace that hosts independently designed furniture and connects its customers to local makers around the world. Designers share designs for products that can be downloaded and made locally using the latest digital tools.

Permanent Employment

01/2013 - 12/2016 [Architect](#)



Simonetti Architettura - Turin - ITALY

I collaborated with Simonetti Architettura for four years and we completed architectural projects in the field of restoration, museum installations and residential buildings. I was in charge of the design, concept, 3d modeling and site supervision. The team was composed of architects and engineers, during this experience I created the basis of my knowledge in the field of architecture and restoration.

Permanent Employment

International Experience

06/2018 - 07/2018 [Course in Guadua Bamboo Construction](#)

Guadua Bamboo Colombia - Quimbaya - COLOMBIA

The intensive course on bamboo construction lasted three weeks. I was part of a group of ten people, including masons and architects and we built a bamboo house for a family in a rural area.

09/2017 - 12/2017 [Volunteer](#)

Alveole - Montreal - CANADA

Design of private and urban space for urban beekeeping.

03/2017 - 9/2017 [Hands-on volunteers, Research](#)

Livingston - GUATEMALA, Lago Yojoa - HONDURAS, Cerro El Pital, EL SALVADOR, Matagalpa - NICARAGUA.

Between March and September 2017 I planned an itinerary in Central America to study how local populations use natural materials.

I took part in the construction of accommodation facilities in Livingstone, Guatemala on the Caribbean coast using natural materials such as stone, bamboo and earth. I worked closely with the community for two months in a team of local workers and other international volunteers. In Honduras, I lived with Macedo Family for two months and we designed and built a part of a wooden house for tourism. I was forced to leave because of security problems related to riots. In El Salvador me and a Salvadoran family designed and self constructed a 4x4 cob house. I learned how built with essential tools in a difficult contexts with security issues.

Other trainings, Licence and Certification

09/2010 - 12/2010 [3d modeling for architecture composition.](#)

De Ferrari Architetti - Torino - ITALY

Certificates obtained: professional qualification

03/2021 [State exam for professional qualification](#)

Additional professional requirement for architects in Italy University of Naples Federico II

Language Skills

Mother tongue: Italian

Other Language

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Spanish	B2	C1	B2	B2	B2

Computer Skills

OPERATING SYSTEM Windows

advanced level

PROGRAMS/SOFTWARE Lumion, Sketchup, Rhino.

Programs I use in 3d visualization that is the basis of my way of communicating the project. advanced level

CAD Autocad.

The most complete Autodesk program in the field of technical drawing is the main tool I use in my work.

GRAPHICS Adobe Suite: Photoshop, Indesign, Illustrator

advanced level

SPREADSHEET Excel.

good level

Personal skills/Other skills

I lived in many non-EU countries and during these experiences I adapted to different cultural contexts with security problems. I'm passionate about photography that showed me the human side of people I lived with. I am a curious person and with a great interest in issues related to climate change and inequality. I have a good attitude to work in international teams.

OTHER INFORMATION

Driving license, own car/Available to travel on business in Italy, abroad/Available to relocate abroad

PUBLICATIONS

2021 Stefano Rosso, Arcò, AICS (2021). "A Place Called Mayo". In A Path to Resilience, pag. 150

2019 Stefano Rosso, Mario Cucinella Architects (2019). "Tecla". In 3d Printed Home, pag. 120