

Stefano Zauli Sajani

Nationality: Italian

WORK EXPERIENCE

Project Manager

Regional Agency for Prevention, Environment and Energy of Emilia-Romagna (Arpae) [01/1999 – Current]

Address: Bologna (Italy)

Implementation and management of environmental systems, processes and projects at regional, national and European level

Scientific Supervisor - EU "DYNAXIBILITY4CE" Project

EU Commission - Central Europe (Interreg) Programme [01/03/2020 – 28/02/2022]

Scientific supervisor on behalf of Arpae Emilia-Romagna of the "DYNAXIBILITY4CE" project " focused on low-carbon mobility and air quality in Central Europe urban areas - CE1671

Scientific Supervisor and WP Leader - EU "AWAIR" Project

EU Commission - Central Europe (Interreg) Programme [09/2017 – Current]

Scientific supervisor and WP leader on behalf of the Lead Partner Arpae Emilia-Romagna of the AWAIR project "EnvironmentAI integrated, multilevel knowWledge and approaches to counteract critical AIR pollution events, improving vulnerable citizens quality of life in Central Europe Functional Urban Areas" - CE1226

Short Term Expert (STE) - Twinning project

EU Commission - Beneficiary Country Georgia [10/2017 – Current]

Twinning project GE/22 "Institutional Strengthening of Environmental Health System of Georgia"

WP Leader - "Supersito" project

Arpae Emilia-Romagna [07/2010 – 06/2015]

Management of project activities related to indoor/outdoor WP and spatial and temporal variability of exposure to air pollution

Work Package Leader - "Gioconda" project

EU Commission [10/2014 – 09/2016]

Leader of the "Hazard Map Construction" work package and advisor for the indoor/outdoor air pollution monitoring - ENV/IT/000225 (LIFE13)

Leader of the indoor monitoring activities - "Microclimate and health in prisons" project

Italian Center for Disease Control [05/2015 – 09/2016]

Coordinator of the air quality and microclimate indoor monitoring activities in 19 Italian prisons

Invited Speaker

Canadian Technical Standards and Safety Authority (TSSA) [11/2016 – 11/2016]

"Population exposure to CO: Italian experiences" Toronto, 8-11/11/2016, International Conference on Carbon Monoxide Risk Assessment and Management

Scientific supervisor - "Urban Heat Island" project

EU Commission - Central Europe (Interreg) Programme [06/2011 – 05/2014]

Scientific supervisor on behalf of the Lead Partner of the activities of the project "UHI - Development and application of mitigation and adaptation strategies and measures for counteracting the global Urban Heat Islands phenomenon"

Study Area Leader - "SEARCH" project

Regional Environmental Centre for Central and Eastern Europe [09/2009 – 06/2010]

Study area (Emilia-Romagna) leader and member of the Italian Steering Committee of the "SEARCH" project "School Environment and Respiratory Health of Children" - Indoor and outdoor air quality monitoring and health assessment in schools

Scientific Committee Member - "Eureka" Project

Orizzonte Energia [09/2013 – 09/2014]

Scientific Committee Member of the Eureka Project aiming at defining an environmental sustainability index for different types of power plants

Short Term Expert (STE) - Twinning project

EU Commission - Beneficiary Country Poland [04/2006 – 04/2007]

Twinning Project "Management System on Drinking Water Monitoring in Chief Sanitary Inspectorate" - Twinning Project PL2004/IB/EN/02

Short Term Expert (STE) - Twinning project

EU Commission - Beneficiary Country Poland [04/2006 – 10/2008]

Twinning project "Capacity Building in the Field of Environmental Health" - PL2005/IB/EN/02

Teacher in High School

Ministry of Education [09/1998 – 06/1999]

Teacher in mathematics in Liceo Scientifico "Morandi" - Finale Emilia (MO)

Consultant

Municipality of Modena [10/1994 – 06/1995]

Responsible for student visits to energy production and distribution system

Consultant

Municipality of Modena [01/1990 – 09/1994]

Consultant for the Municipality of Modena for administrative and technical tasks. Fixed term appointments lasting from 2 weeks to 3 months

EDUCATION AND TRAINING

PhD in Geophysics

University of Genova [11/1995 – 01/1999]

Address: (Italy)

Parametrization of turbulence in fluids

Degree in Physics

University of Modena [11/1988 – 02/1995]

Address: (Italy)

Fluid dynamics

LANGUAGE SKILLS

Mother tongue(s):

Italian

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

German

LISTENING A1 READING B2 WRITING A2

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

ORGANISATIONAL SKILLS

Organisational skills

Ability to work in team.

Strong planning and organizational skills and leadership in keep projects going.

JOB-RELATED SKILLS

Job-related skills

In-depth knowledge of environmental risk factors in relation to health effects.

Ability in setting up models of environmental phenomena on physical, mathematical or statistical bases.

Implementation and run of forecasting and alert systems for environmental risk factors (e.g. air pollution, ultraviolet radiation, heat waves).

Familiar with drafting application and management with leading role of projects at national and European level.

Ability in reporting to technical audiences and general public.

PUBLICATIONS

Publications

Author of more than 50 papers published in peer-reviewed journals.

REVIEWER ACTIVITY

Reviewer activity

Reviewer for scientific journals (e.g. Environmental Pollution, Atmospheric Pollution Research, Atmospheric Environment, Occupational and Environmental Medicine, Inhalation Toxicology, Science of The Total Environment, Journal of the Air and Waste Management Association, Journal of Epidemiology and Community Health).

Reviewer for the funding programme of the UK Medical Research Council.

TEACHING, TUTORSHIP AND MENTORSHIP

Teaching, tutorship and mentorship

Familiar in running academic courses, workshops and seminars.

Experience in supervising master and degree theses.

TRAINING PERIODS ABROAD

Training periods abroad

Time series analysis – Santorini (Grecia) - 25/5/2013 – 1/6/2013.

Chemical and physical properties of airborne particles – University of Birmingham – 7/9/2013 – 7/10/2013.

Numerical Methods and Adiabatic Formulation of Models, Data Assimilation, Systematic Model Errors and Predictability - ECMWF - Reading, UK – 7/4/1997 – 16/5/1997.