



Europass Curriculum Vitae

Statement made in accordance with articles 46 and 47 of Presidential Decree, N. 445/2000

Personal information

First name / Surname	Michele Zen
Date of birth	25/05/1989
Gender	Male
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Education

Dates	From September 2018 to August 2019
Qualification	2nd level Master in “Science and Management of Climate Change” ; awarded together with the PhD programme, obtained on 28/10/2020
Principal subjects/occupational skills covered	The main topics covered are: physical and economic foundation of climate change and their uncertainty; assessment of the socio-economic impacts, their costs and benefits; estimation and management of climate change risk; analysis, evaluation and design of innovative climate policy solutions.
Name and type of organisation providing education and training	Ca' Foscari University , Department of Environmental Sciences, Informatics and Statistics, Via Torino, 155 – 30172 Venezia Mestre
Dates	From 06/10/2017 to 09/02/2018
Qualification	Visiting PhD student
Principal subjects/occupational skills covered	Training on ecosystem service modelling through the k.LAB platform based on the ARIES integrating technology; front-end application of k.LAB; basics of k.im and groovy programming languages.
Name and type of organisation providing education and training	BC3 – BASQUE CENTRE FOR CLIMATE CHANGE – Sede Building 1, 1st floor Scientific Campus of the University of the Basque Country, 48940 Leioa (Spain)
Dates	From September 2016 – August 2019. PhD thesis defence held on 05/03/2020
Qualification	PhD in “Science and Management of Climate Change” - 32nd cycle ; the PhD programme is integrated with a 1-year post-graduate course
Title of thesis	“Understanding complexity in ecosystem service assessment: perspectives and innovations in spatial analysis” Supervisor: Prof. Carlo Giupponi
Principal subjects/occupational skills covered	Spatial mapping and assessment of ecosystem services; scenario analysis; impact of climate change on socio-ecosystems; agent-based models and complexity.
Name and type of organisation providing education and training	Ca' Foscari University , Department of Environmental Sciences, Informatics and Statistics, Via Torino, 155 – 30172 Venezia Mestre
Dates	From 07/09/2015 to 12/10/2015 – 160 hours
Title of qualification awarded	Course in “Specializzazione ambientale in Carbon Management”

Principal subjects/occupational skills covered	Development of skills about sustainability, carbon footprint assessment and LCA, drawing up of CDM and JI projects, laws and rules concerning Carbon Management, renewable energy certificates, certifications and management systems.
Name and type of organisation providing education and training	ECIPA s.c.a.r.l – Via della Pila 3/B, int. 1 – 30175 Marghera, in collaboration with Ca' Foscari University – Dorsoduro, 3246 – 30123 Venezia, within the regional programme Youth Guarantee.
Dates	From September 2012 to March 2015
Title of qualification awarded	Master's Degree in Environmental Sciences (LM-75) obtained on 11/03/2015
Title of thesis	"Metodi e strumenti per la costruzione di territori virtuali per l'applicazione di modelli e di scenari ambientali" Supervisor: Prof. Carlo Giupponi
Principal subjects/occupational skills covered	The Master's Degree course provides a high degree of specialization in the following areas: application of methodologies to design of environmental recovery and remediation interventions; environmental resource assessment; land management and planning; assessment and management of problems relating to climate change and earth system dynamics, of green technologies, products and processes. In the thesis I used 3D and GIS modelling software to generate an architecture of informational layers to statistically replicate morphological, ecological and land cover features of existing selected areas, to be used as databases for simulating models and building scenarios.
Name and type of organisation providing education and training	Ca' Foscari University , Department of Environmental Sciences, Informatics and Statistics, Calle Larga Santa Marta - Dorsoduro 2137 - 30123 Venezia
Level in national or international classification	110 with honours / 110
Dates	From September 2008 to April 2012
Title of qualification awarded	Bachelor's Degree in Environmental Sciences (L-32) obtained on 02/04/2012
Title of thesis	"Inquinanti organici persistenti (POPs): dalla Convenzione di Stoccolma ai giorni nostri" Supervisor: Prof. Rossano Piazza
Principal subjects/occupational skills covered	The Bachelor's Degree course provides a systemic knowledge of the environment and a good practice of the scientific method in the analysis of systems and problems concerning the environment, both natural and modified by man. The course allows to develop the ability to analyze environmental systems and processes from the perspective of sustainability and prevention, as well as the promotion of the quality of the environment. In my thesis I studied the problem of Persistent Organic Pollutants (POPs) bioaccumulating and subject to long range transport, with particular reference to PFOS as emerging pollutants.
Name and type of organisation providing education and training	Ca' Foscari University , Department of Environmental Sciences, Informatics and Statistics, Calle Larga Santa Marta - Dorsoduro 2137 - 30123 Venezia
Dates	From September 2003 to July 2008
Title of qualification awarded	Diploma of Secondary Education (modern languages) obtained on 08/07/2008
Name and type of organisation providing education and training	Liceo Statale Celio - Roccati , Via Carducci, 8 - 45100 Rovigo

Continuous training

Dates	From 03/02/2021 to 05/02/2021 – 18 ore
Title of qualification awarded	Online live streaming course "webGIS Base. Come realizzare applicazioni di web mapping"
Name and type of organisation providing education and training	TerreLogiche S.r.l.
Dates	From 16/11/2019 to 17/11/2019 – 24 hours

Title of qualification awarded	Participation in the winning team “Wise Wine” during the Hackathon “Hack for the future: (climate) data for change”
Name and type of organisation providing education and training	Event held in Rovereto by the Copernicus Climate Change Service (C3S), in collaboration with Wageningen University
Dates	From 29/05/2018 to 31/05/2018 – 18 hours
Title of qualification awarded	Course “Programmare i GIS con Python”
Name and type of organisation providing education and training	TerreLogiche S.r.l. at INIAPA VENETO s. cons. a.r.l.– Via delle Industrie, 19/C/11 30175 Venezia Marghera (VE)
Dates	March 2018 – 6 hours
Title of qualification awarded	Online course “Valuing Nature: Should We Put a Price on Ecosystems?”
Name and type of organisation providing education and training	University of Exeter through the FutureLearn platform
Dates	From 06/02/2018 to 08/02/2018
Title of qualification awarded	Workshop “ABM meets Tourism”
Name and type of organisation providing education and training	Sustainability Observatory of Andorra, Av. Rocafort, 21-23 Edifici Moli 3er pis AD600 Sant Julià de Lòria, Principality of Andorra
Dates	From 26/06/2017 to 30/06/2017
Title of qualification awarded	8th ESSA/SiLiCo Summer School in Social Simulation “Agent-based modelling for resilience”
Name and type of organisation providing education and training	Wageningen School of Social Sciences, Wageningen University, Hollandseweg 1, 6706 KN Wageningen, Netherlands
Dates	From 12/09/2016 to 16/09/2016
Title of qualification awarded	VIU Graduate Seminar on “Framing global change and green economy in the Sustainable Development Goals”
Name and type of organisation providing education and training	Venice International University (VIU), Isola di San Servolo, 30133 Venezia
Dates	From 25/05/2015 to 29/05/2015
Title of qualification awarded	Spring School 2015 “Land use and the vulnerability of socio-ecosystems to climate change: remote sensing and modelling techniques”
Name and type of organisation providing education and training	Venice Centre of Climate Studies (VICCS) – Ca’ Foscari University Palazzo Moro, Cannaregio, 2978 – 30123 Venezia
Dates	From 06/05/2015 to 08/05/2015 – 24 hours
Title of qualification awarded	“Corso intensivo ArcGIS base: introduzione all’impiego dei GIS nelle applicazioni territoriali”
Name and type of organisation providing education and training	C.I.R.GEO of Padua University at Agripolis, Viale dell’Università, 16 - 35020 Legnaro (PD)

Research activity

Dates	From February 2022 to December 2022
Qualification	Consultant in the research project “Nature-based solutions for climate mitigation”

Principal subjects/occupational skills covered	Spatial data assessment at global scale for the implementation of natural climate solutions to compensate for greenhouse gas emissions
Name and address of employer	Eni Enrico Mattei Foundation , Corso Magenta, 63 – 20123 Milano
Dates	From February 2022 to December 2022
Qualification	Collaborator in the Adapt@VE FEEM research programme
Principal subjects/occupational skills covered	Support in spatial data management, spatial analysis and GIS; contribution to reviewing the scientific literature in the field of spatial agent-based models; IT and organization of research activities
Name and address of employer	Eni Enrico Mattei Foundation , Corso Magenta, 63 – 20123 Milano
Dates	From March 2020 to June 2021
Qualification	Research Fellow in the project “Introducing climate proofing in investments and spatial planning”
Principal subjects/occupational skills covered	Acquisition and processing of spatial data, socio-economic assessment and mapping of regional risk (SERRA) associated with extreme climatic events of the main sectors driving the economy of the province of Belluno: production of the eyewear industry, summer tourism, winter sports and events and electricity distribution networks. Activity carried out for the <u>Venice International University (VIU)</u> , in collaboration with the <u>Euro-Mediterranean Center on Climate Change</u> and the <u>Enel Foundation</u> , with the aim of providing local administrations, as well as the production system of the province, with a tool that can support decisions concerning land management and investments, in relation to climate change and potential related extreme events.
Name and address of employer	Ca' Foscari University , Department of Economics, San Giobbe, Cannareggio 873 – 30123 Venezia
Dates	From September 2019 to December 2019
Qualification	Short Term Research Fellow in the CORASVE project
Principal subjects/occupational skills covered	Support for the activities of the CORASVE project (Conferenza Regionale dell'Agricoltura e dello Sviluppo Rurale): preparation of information sheets on the evolutionary trends of Veneto agriculture .
Name and address of employer	Ca' Foscari University , Department of Economics, San Giobbe, Cannareggio 873 – 30123 Venezia
Article	Zen, M., Candiago, S., Schirpke, U., Egarter Vigl, L., Giupponi, C., 2019. Upscaling ecosystem service maps to administrative levels: beyond scale mismatches. Sci. Total Environ. 660, 1565–1575.
Report	Zen, M., Giupponi, C., Pasutto, I., Burlando, C., Gallo, D., Da Deppo, I., 2018. Mapping and stakeholder engagement in the Alto Bellunese, Veneto Region, north-eastern Italy. Pilot activity in the Alto Bellunese. Report of Working Package 2 of the Interreg Alpes project. Veneto Region, Venice, Italy
Date and place	Ecosystem Service Partnership European Conference – San Sebastian, Spain, 15-19 October 2018 – Session T5b: Addressing ecosystem services modelling bottlenecks through simple to complex models: The ARIES approach, F. Villa, et al.
Posters or presentations	Presentation of “Scenario analysis of outdoor recreation: a semantic meta-modelling approach” – Michele Zen
Dates	From September 2017 – November 2018
Qualification	Collaborator of Veneto Region in the INTERREG “AlpES: Mapping, Management and Conservation of Alpine Ecosystem Services” project
Principal subjects/occupational skills covered	Spatial mapping of ecosystem services, such as "biomass production from alpine grassland" and "outdoor recreation activities", within the area of the Local Action Group "Alto Bellunese". Dissemination and updating of such activities during international conferences organized by “Eurac Research”, lead partner and coordinator of the project. Activities carried out for the <u>Veneto Region</u> , acting as a PhD student of the Ca 'Foscari University of Venice.

Name and address of employer	Ca' Foscari University , Department of Economics, San Giobbe, Cannareggio 873 – 30123 Venezia
Date and place	XLIV National Conference of Italian Society of Agronomy, Bologna 14-16/09/2015, Session V, 15/09/2015
Posters or presentations	Presentation of “Territori virtuali per applicazioni di modellistica agro-ambientale e analisi di scenario” – Carlo Giupponi, Michele Zen
Article	Giupponi, C., & Zen, M. (2016). Methods and tools for developing virtual territories for scenario analysis of agro-ecosystems. Italian Journal of Agronomy, 11(4), 252-260.

Work experience

Dates	From 25/03/2016 – 22/06/2016
Occupation or position held	Collaboration
Main activities and responsibilities	Acoustic impact assessments, risk assessment.
Name and address of employer	Idra S.r.l. , Viale Svezia 20 – 35128 Ponte San Nicolò (PD)
Type of business or sector	Consulting company operating in: environment, safety, energy, engineering and business management.
Dates	From 09/11/2015 to 24/03/2016 – 640 hours
Occupation or position held	Extracurricular internship
Main activities and responsibilities	Shadowing of trained engineers in the execution of acoustic impact assessments, in drawing up energy balances and fire evacuation floorplans.
Name and address of employer	Idra S.r.l. , Viale Svezia 20 – 35128 Ponte San Nicolò (PD)
Type of business or sector	Consulting company operating in: environment, safety, energy, engineering and business management.
Dates	From 06/06/2011 to 29/07/2011 – 300 hours
Occupation or position held	Internship
Main activities and responsibilities	Chemical analysis of waste water and gas emissions of industrial plants, in particular related to environmental media (air, soil and water); shadowing from preparation of samples to analysis with standardised methods.
Name and address of employer	Tps Labs s.r.l. , Via delle Scienze, s.n. – 45030 Occhiobello (RO)
Type of business or sector	Environmental and ecotoxicological analysis laboratory

Personal skills and competences

Mother tongue	Italian				
Other language(s)					
Self-assessment					
European level (*)					
Language	English				
Language	French				

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B2
A2	A2	A2	A2	A2

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences	Good at team working in a cooperation and communication perspective
Organisational and management skills and competences	Problem solving through <i>try check and revise</i> strategy Good organisational skills Good at carrying out tasks autonomously Proactivity in carrying out new tasks
Computer and technical skills and competences	Good knowledge (software and programming languages used in my work): Windows OS Office Web browser and e-mail QGIS/GRASS – GIS Software R Basic knowledge (software and programming languages used for limited time periods and specific activities): Netlogo Python k.LAB – software under development at the Basque Centre for Climate Change IDRISI – GIS software ArcGIS – GIS software AutoCad 2D Picture processing software
Other skills and competences	Course “Formazione generale dei lavoratori in materia di sicurezza e salute sul lavoro”, obtained on 24/12/2017. PADI scuba diving patent: “Advanced Open Water Diver”, obtained on 14/07/2006. Keen on inline skating and skiing, science and technology. Strongly interested in improving my knowledge and skills in the field of GIS programming.
Driving licence	B – own car

I hereby authorize the use of my personal data in accordance to the legislative decree n.196/2003 and article 13 of the GDPR 679/16 – “European regulation on the protection of personal data”.

Mira (VE), 09/03/2022

Signature

