

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)

SIMONE MODUGNO

Address(es)

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Website

www.ilbludelmare.it – www.comondive.it

Facebook

<https://www.facebook.com/moder1976>

Facebook Page

<https://www.facebook.com/Simone-Modugno-UOW-Images-184044551794779/>

Instagram

<https://www.instagram.com/moder1976/>

Youtube

[youtube.com/user/moder1976/videos](https://www.youtube.com/user/moder1976/videos)

Twitter

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E-mail

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Nationality

Italian

Date of birth

13/04/76

Gender

male

**Desired employment /
Occupational field**

**Ecology-Biology, Ecotoxicology and Marine Biology Researcher – Underwater
Photo-Video professional Reporter**

Work experience

Dates

07/2019 → up now

Occupation or position held

Insertion in the IRSSAT consultative team

Main activities and responsibilities

Consultant on non-binding proposal and consultative activities for the Institute on the technical-scientific projects that the IRSSAT President proposes to examine the Consulta

Name and address of employer

Technical-scientific opinion forwarded by the IRSSAT President in relation to the matters within the competence of the Consulta

Type of business or sector

Environment, Ecotoxicology, Bioremediation

Dates

09/2018 → up now

Occupation or position held

International Consultant to assist gap analysis, assessment and designation of the potential Albanian marine protected areas

Main activities and responsibilities

International Expert Consultant

Name and address of employer	<i>UNDP United Nations Development Programme</i>
Type of business or sector	<i>Environment and Marine Coastal Protected Areas</i>
Dates	<i>04/2018 → up now (until 31.12.2020)</i>
Occupation or position held	<i>FIPSAS-CMAS GL Responsible – “GL Scientifico Biologia, Fotosub e Videosub”</i>
Main activities and responsibilities	<i>Marine Biology, Freshwater Biology, Scientific Underwater Photography, Underwater Videography</i>
Name and address of employer	<i>FIPSAS-CMAS – Italian Federation of Sport Fishing and Underwater Activities</i>
Type of business or sector	<i>Research and Training-Didactical Courses for Environment and Marine-Freshwater Biology, Underwater Photo-Video Techniques</i>
Dates	<i>01.03.2017 → up now</i>
Occupation or position held	<i>Scientific Consultant on research projects</i>
Main activities and responsibilities	<i>Consultant on research projects</i>
Name and address of employer	<i>H7-25 Srls – Com'On Dive! - www.comondive.it</i>
Type of business or sector	<i>Innovation and Start-Up – Project on Marine Protected Areas and science citizen monitoring program; start-up & innovative marine research projects; innovation in biological monitoring programs & surveys; new study on the colonization of marine submerged cages with wine; documentaries for seaside and underwater ecosystems in 2D, 3D mono-stereoscopic technology</i>
Dates	<i>01.03.2017 → up now</i>
Occupation or position held	<i>Scientific Consultant on research projects</i>
Main activities and responsibilities	<i>Consultant on research projects</i>
Name and address of employer	<i>UBICA Srl – www.ubicasrl.com</i>
Type of business or sector	<i>GIS, Marine Geology, 3D Mapping, Underwater Photogrammetry, study on Marine Protected Areas</i>
Dates	<i>01.06.2016 → up now</i>
Occupation or position held	<i>Scientific Consultant on research projects</i>
Main activities and responsibilities	<i>Foto-video Documentary; marine biology projects</i>
Name and address of employer	<i>Thetys Mc – www.tethys.mc</i>
Dates	<i>01/06/08 → up now</i>
Occupation or position held	<i>Consultant on research projects focused on the maintenance and reproduction of eel (<i>Anguilla anguilla</i>) in captivity and on the study on the colonization of marine submerged barriers (North Adriatic Sea); documentary for seaside, valley, pinewood, underwater ecosystems; documentaries on marine protected areas</i>
Main activities and responsibilities	<i>Consultant on research projects</i>
Name and address of employer	<i>Marine Research Center Foundation, viale A. Vespucci, 2 - I47042 Cesenatico (FC)</i>
Type of business or sector	<i>biology and marine biology; video-foto documentary; underwater activities</i>
Dates	<i>01.03.2016 → 31.12.2017</i>
Occupation or position held	<i>Documentary and Free Lance Researcher</i>
Main activities and responsibilities	<i>Consultant on research projects; underwater photographer – underwater videomaker</i>
Name and address of employer	<i>Associazione Calici di Vini; La Cantina nel Mare</i>
Type of business or sector	<i>study on the colonization of marine submerged cages with wine; documentaries for seaside and underwater ecosystems</i>
Dates	<i>02/2004 → 06/2008</i>
Occupation or position held	<i>Consultant on research projects focused on the study of the effects of heavy metals on several plant and animal marine and freshwater species (biomagnification and bioaccumulation)</i>
Main activities and responsibilities	<i>PhD Student</i>
Name and address of employer	<i>ARPA Emilia Romagna Sezione prov.le di Ferrara Via Bologna, 534 I-44124 - Ferrara (FE)</i>
Type of business or sector	<i>Ecotoxicology</i>
Dates	<i>03/2000 → 02/2004</i>

Occupation or position held *Collaboration on research projects*
 Main activities and responsibilities *scholarship and training*
 Name and address of employer *University of Ferrara – Department of biology and evolution, Corso Ercole I d'Este, 32 I-44100 Ferrara (FE)*
 Type of business or sector *ecology and marine biology*

Education and training

Dates *03/2018 → 12/2018*
 Title of qualification awarded *MASTER on Expert technician in the production of INTERACTIVE CINEMA FOR VIRTUAL REALITY*
 Principal subjects/occupational skills covered *Video 360° 2D, 3D, VR*
 Name and type of organisation providing education and training *CONSORZIO FERRARA INNOVAZIONE*
• Università degli Studi di Modena e Reggio • ELITE DIVISION S.R.L. • SYSKO S.R.L. • KUVA S.A.S. • Confindustria Emilia
Area Centro le Imprese di Bologna Ferrara e Modena - Sede di Ferrara • Comune di Ferrara • Consorzio Visit Ferrara • Sipro Agenzia Provinciale Ferrara • Dinamica Media Srl • Consorzio Factory Grisù • Limina Srl • Ferrara Fiere Congressi Srl • Associazione Culturale Reverb • Bj Master Srl • Studio Borsetti Srl • Touchwindow Srl

Dates *02/2004 → 03/2007*
 Title of qualification awarded *PhD in Biology and Ecosystems (Good)*
 Principal subjects/occupational skills covered *Consultant on research projects focused on the study of the effects of heavy metals on several plant and animal marine and freshwater species (biomagnification and bioaccumulation)*
 Name and type of organisation providing education and training *University of Ferrara – Department of biology and evolution, Corso Ercole I d'Este, 32 I-44100 Ferrara (FE)*
c/o ARPA Emilia Romagna Sezione prov.le di Ferrara Via Bologna, 534 I-44124 - Ferrara (FE)

Dates *09/1995 → 03/2000*
 Title of qualification awarded *Bachelor's degree in biological sciences (110/110 cum laude)*
 Principal subjects/occupational skills covered *Benthic ecology of marine and freshwater species*
 Name and type of organisation providing education and training *University of Ferrara – Department of biology and evolution, Corso Ercole I d'Este, 32 I-44100 Ferrara (FE)*

Dates *09/1990 → 07/1995*
 Title of qualification awarded *Secondary school diploma – “Maturità Classica” (96/100)*
 Principal subjects/occupational skills covered *student*
 Name and type of organisation providing education and training *Liceo Classico Ludovico Ariosto, Via Arianuova, 19 I-44121 Ferrara (FE)*

Personal skills and competences

Mother tongue(s) **Specify mother tongue** (if relevant add other mother tongue(s), see instructions)

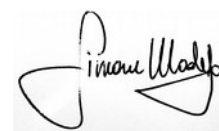
Other language(s)

Self-assessment
European level ()*

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Advanced level	C2	Advanced level	B1	Intermediate level	B2	Intermediate level	C1	Advanced level

(*) *Common European Framework of Reference for Languages*



Social skills and competences	<i>Ability to work in group matured in many situations in which it was essential the cooperation between different figures and different modes hourly</i>
Organisational skills and competences	<i>Ability to work in stressful situations, especially related to the relationship with the public and to the timetable of work activities</i> <i>Ability to work in stressful situations, especially related to marine surveys and monitoring programs</i>
Technical skills and competences	<i>Expert in sampling of benthic macrofauna</i> <i>Expert in sampling techniques with sediment core samples</i> <i>Expert in technical underwater sampling (sampling of sediment, benthic organisms and Posidonia oceanica; LIT line intercept transect; visual census; positioning of probes and currentmeters, nondestructive interpretations: underwater photography and videography)</i> <i>Expert in taxonomic recognition of species of marine macrobenthic on hard and furniture surfaces. Technical biochemical determinations for the study of trophic sediment compartment (protocols for the analysis of: organic matter, protein, carbohydrates, lipids, chlorophyll-a, grain size and heavy metals)</i> <i>Expert in analytical determinations for the study of ecophysiological parameters of bivalve molluscs (clearance rate, Growth, Respiration, Excretion and calculation of the Scope for Growth)</i> <i>Expert on methods of application ecotoxicological assays</i> <i>Expert in monitoring chemical, physical and biological of freshwater, marine and transition areas (use and management of CTD multiparameter probes, biological BEWS (Biological Early Warning System), sentinel fish cages) and areas used for aquaculture (shellfish and fish farming)</i> <i>Expert in application of the Protocol Mussel Watch</i> <i>Excellent knowledge of the flora and fauna of the Mediterranean and tropical (experience in lecturing at universities and diving clubs along all Italy and many other Countries)</i> <i>Expert in Underwater 3D mapping, Photogrammetry Reconstruction, 3D analysis</i> <i>Expert in photo-video making in aerial condition and underwater conditions</i> <i>Expert in study on Marine Protected Areas (monitoring, management, restoration)</i>
Computer skills and competences	<i>Excellent knowledge of operating systems Win9x, XP, and OX. Excellent knowledge of Microsoft applications and Office, particularly Excel and Access</i> <i>Excellent knowledge of Internet and web applications. Knowledge of computer methods of analysis of community structure: PRIMER software (Indices of community, Cluster Analysis, MDS, PCA), StatSoft (statistical analysis and ANOVA-MANOVA), Statistical methods used in ecotoxicological assessments: Dunnet test, probit Test, Test TSK</i> <i>Great use of photo editing software (PhotoShop, LightRoom, Camera Raw), video editing (AfterEffect, Premiere Pro CC2018, Da Vinci Resolve) and software for programming of Internet sites (FrontPage and Macromedia, WordPress, SimplySite)</i> <i>Expert in video 360° VR 2D 3D with AutoPano Video, AutoPano Giga, Mistika VR, Audio 360 with Reaper, Unity programming</i> <i>Expert in Zephyr 3D</i>
Artistic skills and competences	<i>FIPSAS scuba diving M1 instructor (ITAF00M107080822)</i> <i>FIPSAS marine biology Instructor (ITAF00MBio07071295)</i> <i>FIPSAS underwater photography Instructor (ITAF00MFs109114769)</i> <i>FIPSAS underwater digital Video Instructor (ITAF00MV12150076)</i> <i>FIPSAS Nitrox Instructor (ITAF00MNx107081290)</i> <i>FIPSAS Photo agonistic (ITAF00PFsA13166842)</i> <i>ISSD-CMAS diving research scientist (ITAF00XX03000070)</i>

Other skills and competences	<p><i>Author of 5 books for the study of marine biology for the Federation of Underwater Activities FIPSAS</i></p> <p><i>Director of FIPSAS Scientific Group for Marine Biology, Underwater Digital Video and Underwater Digital Photo</i></p>
Driving licence	<p><i>Driving licence A, B</i></p> <p><i>Boat licence</i></p> <p><i>Diving Guide</i></p> <p><i>Expert in conducting sailing</i></p>
Additional information	<p>Expert cameraman and photographer (air, land and underwater), equipped with professional equipment (AGHPX171E Panasonic, Canon 5DmkIV, waterproof case Easydive for each system), Nikon KeyMission 360 VR, GoPro HERO 4+ black, Panasonic GH4r, 2x BlackMagic Pocket Cinema Camera 4K/6k, GoPro Fusion, INSTA Pro2 8k12k 360 VR)</p> <p>Stand-alone video editing professional (PC and Mac)</p> <p>Specializing in nature documentaries and reportage in wild nature</p> <p>I authorize the use of my personal data pursuant to Legislative Decree 30 June 2003, No 196 "Protection of personal data.</p>

