

EUROPEAN FORMAT OF THE CURRICULUM

VITAE



PERSONAL INFORMATION

Name	ERICA NOCERINO
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SCOPUS connection	https://bit.ly/3sOXvSU
Google Scholar links	https://bit.ly/3c4sKTC
Other links	https://www.researchgate.net/profile/Erica_Nocerino
Electronic mail	enocerino@uniss.it
Nationality	Italian
Date of birth	30/04/1982

WORK EXPERIENCE

- Dates (from - to) October 2024 - today
- Name and address of employer UNIVERSITY OF SASSARI – Department of Humanities and Social Sciences
- Occupation or position held **Associate Professor - Geomatics**

- Dates (from - to) October 2021 – September 2024
- Name and address of employer UNIVERSITY OF SASSARI – Department of Humanities and Social Sciences
- Occupation or position held **Tenure Track Assistant Professor - Geomatics**

- Dates (from - to) December 2023
- Name and address of employer Marine Science Institute, University of California Santa Barbara and Qualcomm Institute University of California San Diego (USA)
- Occupation or position held **Visiting Researcher – Geomatics** within the Young Researchers Mobility Program (MGR) 2022 funded by the RAS (Autonomous Region of Sardinia)

- Dates (from - to) November 2017 – September 2021
- Name and address of employer Images & Models (I&M) Team, Laboratoire d'informatique et Systèmes (LIS)
- Occupation or position held **Research Fellow – Geomatics**

- Dates (from - to) January 2018 – December 2019
- Name and address of employer ETH Zurich, Switzerland - Department of Theoretical Physics
- Occupation or position held **Research Fellow – Geomatics**

- Dates (from - to) July 2017
- Name and address of employer Polytechnic School of Avila, Spain - TIDOP Research Group
- Occupation or position held **Visiting Researcher – Geomatics**

- Dates (from - to) September 2015 – December 2015
- Name and address of employer National Research Council, Ottawa, Canada - Mechanical Metrology | Measurement Science and Standards group

<ul style="list-style-type: none"> • Occupation or position held <ul style="list-style-type: none"> • Dates (from - to) • Name and address of employer <ul style="list-style-type: none"> • Occupation or position held 	<p>Visiting Researcher – Geomatics</p> <p>October 2011 – October 2017 Fondazione Bruno Kessler, Trento, Italy</p> <p>Researcher – Geomatics</p>
<p>EDUCATION</p> <ul style="list-style-type: none"> • Dates (from - to) 	<p>January 2012 – December 2014 University of Naples 'Parthenope', Naples, Italy - Department of Science and Technology</p>
<ul style="list-style-type: none"> • Name and type of organization providing education and training 	<p>Title: "A full photogrammetric approach for surveying semi-submerged and floating objects" Topic: "Development of a photogrammetric procedure for the survey and modeling of semi-submerged and floating objects. The method developed was applied for the survey of the hole of the cruise ship 'Costa Concordia'"</p>
<ul style="list-style-type: none"> • Main professional subjects/skills covered 	<p>PhD in "Geomatics, Navigation and Geodesy"</p>
<ul style="list-style-type: none"> • Qualification title issued 	<p>November 2007 – October 2010 University of Naples 'Federico II', Naples, Italy - Department of Naval Engineering</p>
<ul style="list-style-type: none"> • Dates (from - to) 	<p>Title: "Human postural stability onboard ship as seakeeping criterion. Stance control model and procedure for validating it: a proposal" Topic: "Development of an integrated methodology based on the simultaneous measurement of ship movements and worker posture through optical and inertial sensors."</p>
<ul style="list-style-type: none"> • Name and type of organization providing education and training 	<p>PhD in "Naval, Aerospace and Quality Engineering"</p>
<ul style="list-style-type: none"> • Main professional subjects/skills covered 	<p>2000-2005 University of Naples 'Parthenope', Naples, Italy</p>
<ul style="list-style-type: none"> • Qualification title issued 	<p>Five-year degree in Nautical Sciences with specialization in navigation, geodesy and topography.</p>

<p>OTHER COURSES (LIFE-LONG LEARNING)</p> <ul style="list-style-type: none"> • Dates (from - to) 	<p>February 2023 – May 2023 University of Sassari, Third Mission Office</p>
<ul style="list-style-type: none"> • Name and type of organization providing education and training 	<p>UNISSchool Scientific Communication Course</p>
<ul style="list-style-type: none"> • Short description 	
<ul style="list-style-type: none"> • Dates (from - to) 	<p>March 2023 – November 2023 University of Sassari</p>
<ul style="list-style-type: none"> • Name and type of organization providing education and training 	<p>Training project for researchers A and B "Teaching to teach: improving to change</p>
<ul style="list-style-type: none"> • Short description 	

PERSONAL SKILLS AND COMPETENCIES

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

ENGLISH (C1), FRENCH (B1)

SCIENTIFIC EXPERTISE AND SKILLS

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (e.g. culture and sports), etc.

- Research interests (5 keywords): geomatics, photogrammetry, 3D surveying and modeling, monitoring, accuracy evaluation.
- National Scientific Qualification, Ministry of University and Research MIUR as Associate Professor in "Geomatics"
- Ranked first in the Italian National Program for Young Researchers "Rita Levi Montalcini" 2021, in the field of Civil Engineering and Architecture (area 08).
- Author of 96 publications in scientific journals, international conferences and book chapters.
- Lecturer in university and higher education courses (Masters) and tutor in international summer schools in laser scanning photogrammetry, topography, positioning and 3D modeling.
- Organization and participation in national and international congresses.
- Supervisor of > 10 master's students.

RELEVANT ROLES AND SKILLS

Coordination and administration of people, projects and budgets; at work, in volunteering (e.g. culture and sport) and at home, etc.

- Participation in several national and international projects in the field of 3D surveying, monitoring and valorization.
- Chair of ISPRS (International Society of Photogrammetry and Remote Sensing) WG II/7 "Underwater Data Acquisition and Processing" (2022-2026).
- Secretary of ISPRS (International Society of Photogrammetry and Remote Sensing) WG II/9 "Vision metrology" (2016-2022).
- Expert member of the CIPA (International Committee of Architectural Photogrammetry) heritage documentation (2015-present).
- Member of different international editorial boards and guest editor for special issues in international journals.
- Appointed contact person by ANVUR for the VQR 2015-2019 for geomatics (08/A4 or ICAR/06).

PUBLICATION INDEXES (SCOPUS)

- NUMBER OF PUBLICATIONS > 100
- TOTAL NUMBER OF CITATIONS: 2,794
- H-INDEX: 27

ACADEMIC ACTIVITY:

	<i>Conferences, workshops, summer schools and seminars</i>
10-12 September 2025 Espoo, Finland	Member of the scientific committee of the "UAV-g 2025 Uncrewed Aerial Vehicles in Geomatics"
8-11 July 2025 Vienna, Austria	Co-organizer of the workshop "3D Underwater Mapping from Above and Below"
April 1-4, 2025, Stuttgart, Germany	Invited presentation entitled "A Look Below the Surface: Challenges and Opportunities in Underwater Photogrammetry" at the 59th Photogrammetric Week
December 12-13, 2024, Brescia Area, Italy	Member of the scientific committee of the special session "Optical 3D Metrology Workshop 2024"
October 14-16, 2024, Portorož, Slovenia	Member of the organizing committee of the special session "Exploring the Depths: Progress and Challenges in Surveying Underwater Environments" organized as part of the 2024 IEEE International Workshop Metrology for the Sea
September 8-14, 2024, Porto Cesareo, Lecce, Italy	Participation in the organizing committee of the second edition of the SUNRISE (Seashore and underwater documentation of archaeological heritage, palimpsests and environment) summer school
July 2, 2024, Naples, Italy	Teacher of the training workshop "Underwater photogrammetry and geomatics for coral reef monitoring" organized within the European Coral Reef Symposium – ECRS 2024
June 11-14, 2024, Las Vegas, Nevada (USA)	Member of the technical committee of the ISPRS Technical Commission II Symposium
June 11, 2024,	Instructor of the tutorial "Benchmarking underwater photogrammetry" organized within the XXIV ISPRS Congress ISPRS Technical Commission II Symposium

Las Vegas, Nevada (USA)	
February 21-23, 2024, Brescia Area, Italy	Member of the scientific committee of the "3D-ARCH workshop 2024"
February 13, 2024, La Spezia, Italy	Invited presentation entitled "Underwater photogrammetry for mapping and monitoring" at the annual meeting of ISME (Integrated Systems for Marine Environment)
January 18-19, 2024, online	Participation in the conference 'GYM 2024 – Geomatics Youth Meeting' in Rome on 18-19 January 2024 with a presentation entitled: "Geomatics for underwater surveying"
January 17, 2024, online	Organization of the online event "ISPRS WG II/7 and NAUTILUS user meeting"
December 13, 2023, San Diego, USA	Invited presentation entitled "Overview on geomatic techniques for underwater mapping and monitoring" at the Qualcomm Institute University of California San Diego
December 6-7, 2023, Santa Barbara, USA	Invited workshop speaker, on "underwater photogrammetry" at the Marine Science Institute, University of California Santa Barbara
December 4-5, 2023, Santa Barbara, USA	Participation in the 2023 MCR (Moorea Coral Reef) All Investigators Meeting event at the Marine Science Institute, University of California Santa Barbara (USA) with a presentation entitled: "Underwater photogrammetry and future possibilities"
September 27-29, 2023, Arezzo Area, Italy	Poster presentation entitled "Geomatics and community mapping for the perception and monitoring of Sardinia's green infrastructures" at the 65th SIFET Conference 2023
September 27-29, 2023, Arezzo Area, Italy	Poster presentation entitled "Monitoring of paramuricea with photogrammetry: potentials and limits" at the 65th SIFET Conference 2023
September 11, 2023, Udine Area, Italy	Invited speaker at the International Workshop on Computer Vision for Environment Monitoring and Preservation – CVEMP 2023 with a presentation entitled: "Image-based techniques for underwater 3D mapping and monitoring: challenges and opportunities"
September 2-7, 2023, Cairo, Egypt	Co-organizer of the workshop on "Geospatial techniques for underwater documentation, mapping and monitoring" within the ISPRS Geospatial Week
25th June 2023, Florence, Italy	Co-organizer of the workshop on "Underwater Photogrammetry for the Mapping, Documentation and Conservation of Submerged Heritage" within the CIPA Symposium on "Documenting, Understanding, Preserving Cultural Heritage: Humanities and Digital Technologies to Shape the Future"
May 24-26, 2023, Padua Area, Italy	Invited speaker at the 12th International Symposium On Mobile Mapping Technology – MMT 2023 with a presentation entitled: "Underwater mobile mapping"
September 3-9, 2022, Marina di Ragusa, Italy	Co-organizer and Tutor at SIFET ISPRS - SUNRISE International Summerschool, "SEASHORE AND UNDERWATER DOCUMENTATION OF ARCHAEOLOGICAL HERITAGE PALIMPSESTS AND ENVIRONMENT "
June 6-11, 2022, Nice, France	Chair of two sessions on Point cloud processing at the XXIV ISPRS Congress
June 5, 2022, Nice, France	Co-organizer of the tutorial "Underwater photogrammetry: methods and challenges for mapping and monitoring" for the XXIV ISPRS Congress
March 2-4, 2022, Mantua, Italy	Member of the scientific committee of the "3D-ARCH workshop 2022"
November 19, 2021 Online	Invited speaker at the laboratory of Prof. Ceccherelli, University of Sassari with the presentation entitled 'Geomatics and its application to the marine environment'
19-23 July 2021 Virtual event	Speaker at the conference "14th ICRS 2021 – Bremen Virtual" with the presentation entitled 'Underwater photogrammetry - a tool for monitoring coral reef benthic communities'
Monday, 9 July 2021 Virtual event	Moderator at ISPRS Geospatial Lecture Day
05 - 09 July 2021 Virtual event	Invited speaker at the conference "ISPRS Congress Nice 2021" with the presentation entitled 'LightCam: ENLIGHTENING THE CAMERA OBSCURA – WHERE PHOTOGAMMETRY, COMPUTER AND ROBOTIC VISION MEET' (invited)
8-9 June 2021 Virtual event	Speaker at the "1st virtual meet-up event of the ISPRS WGII/9 – Underwater Data Acquisition and Processing", with the presentation entitled Geomatic techniques for 3D modeling of underwater environments '
28 August 2019 Moorea, French Polynesia	Speaker at the seminar on High accuracy 3D measurement and modelling of corals' with the presentation entitled INTRODUCTION TO UNDERWATER PHOTOGAMMETRY'

2 - 3 May 2019 Limassol, Cyprus	Co-organizer of the workshop "2nd International Workshop UNDERWATER 3D RECORDING & MODELLING: A tool for modern applications and CH recording"
2 - 3 May 2019 Limassol, Cyprus	Speaker at the conference "2nd International Workshop UNDERWATER 3D RECORDING & MODELLING: A tool for modern applications and CH recording" with the presentation entitled 'Comparison of Diver-Operated Underwater Photogrammetric Systems for Coral Reef Monitoring'
2 - 3 May 2019 Limassol, Cyprus	Speaker at the conference "2nd International Workshop UNDERWATER 3D RECORDING & MODELLING: A tool for modern applications and CH recording" with the presentation entitled 'Quality Improvements in Low-Cost Underwater Photogrammetry'
28 December 2018 Pisa Area, Italy	Invited speaker at the ISTI-CNR "Workshop on underwater photogrammetry for marine applications" with the presentation entitled 'INTRODUCTION TO PHOTOGAMMETRY: principles and technical aspects'
16-18 October 2018 Frankfurt, Germany	Invited speaker at "INTERGEO 2018" with the presentation entitled 'Smartphone for mobile 3D data acquisition'
9-12 October 2018 Karlsruhe, Germany	Speaker at the conference "ISPRS TC I Midterm Symposium 2018" with the presentation entitled 'Multi-camera system calibration of a low-cost remotely operated vehicle for underwater cave exploration'
15-21 July 2018 Zara, Italy	Tutor at the 'CIPA Summerschool 'Cultural Heritage 3D Surveying & Modeling"
3 - 7 June 2018 Riva del Garda, Italy	Speaker at the conference "ISPRS TC II Midterm Symposium 2018" with the presentation entitled "Mapping VIS and UVL imagery on 3D geometry for non-invasive, non-contact analysis of a vase."
28-29 November 2017 Hamburg, Germany	Speaker at the conference "ISPRS 5th International Workshop "LowCost 3D – Sensors, Algorithms, Applications"" with the presentation entitled '3D reconstruction with a collaborative approach based on smartphones and a cloud-based server'
25-27 October 2017 Jyväskylä, Finland	Co-organizer of the workshop and co-chair at the ISPRS workshop SPEC3D - Frontiers in Spectral imaging and 3D Technologies for Geospatial Solutions'
25-27 October 2017 Jyväskylä, Finland	Speaker at the conference "ISPRS Workshop SPEC3D "Frontiers in Spectral imaging and 3D Technologies for Geospatial Solutions" with the presentation entitled 'Geometric calibration and radiometric correction of the MAIA multispectral camera'
26-27 June 2017 Munich, Germany	Speaker at the SPIE conference "Videometrics, Range Imaging, and Applications XIV" with the presentation entitled 'Investigation of the indoor and outdoor performance of two portable mobile mapping systems'
15-16 June 2017 Leiden, Netherlands	Invited speaker at the conference "Centre for Digital Heritage meeting 2017" with the presentation entitled 'Heritage under threat: fast 3D scanning with portable mobile mapping systems'
01-03 March 2017 Nafplio, Greece	Speaker at the conference "3D-ARCH 2017" with the presentation entitled 'A smartphone-based 3D pipeline for the creativity industry - the REPLICATE the EU project".
18 January 2017 Tokyo, Japan	Invited speaker at the conference "8th ARIDA (Association for Real-time Imaging and Dynamic Analysis) seminar" with the presentation entitled 'Investigation and evaluation of a hand-held mobile laser scanning' (invited)
23-24 November 2016 Freiburg, Germany	Invited speaker at the conference "MoLaS Technology Workshop Mobile Laser Scanning" with the presentation entitled 'Hand-held Mobile Laser Scanning - Investigation and Evaluation in Complex Environments'
05-07 September 2016 Valencia, Spain	Speaker at the demonstration session of the conference "ARQUEOLÓGICA 2.0 - 8th International Congress on Archaeology, Computer Graphics, Cultural Heritage and Innovation" with the presentation entitled "GRAPHOS-An All-Purpose Free Photogrammetric Tool".
30 August 04 September 2016, Valencia, Spain	Tutor at the 'CIPA Summerschool 'Cultural Heritage 3D Surveying & Modeling"
04 December 2015 Ottawa, Canada	Invited speaker at the Carleton Immersive Media Studio (CIMS), Carleton University with the presentation entitled "Close-range photogrammetry for archaeology/architecture and industrial applications".
30 November 2015 Ottawa, Canada	Invited Speaker at NRC Canada - National Research Council Canada Government of Canada with the presentation entitled "Photogrammetric survey of the wreck of the Costa Concordia".
09 November 2015 Calgary, Canada	Invited speaker at Geomatics Engineering, Schulich School of Engineering, University of Calgary with the presentation entitled "Close range photogrammetry".
07-14 July 2015	Tutor at the 'CIPA Summerschool 'Cultural Heritage 3D Surveying & Modeling"

<i>Paestum, Italy</i>	
<i>April 16-17, 2015 Piano di Sorrento, Italy</i>	Co-organizer and co-chair of the workshop "ISPRS/CIPA Underwater 3D Recording and Modelling"
<i>26-28 March 2015 Novi Sad, Serbia</i>	Invited speaker at the workshop 'Close Range Photogrammetry and Laser Scanning' with the presentation entitled 'AN INTRODUCTION TO SENSORS AND TECHNIQUES FOR 3D MODELING'
<i>23-25 June 2014 Riva del Garda, Italy</i>	Speaker at the conference "ISPRS Technical Commission V Symposium" with the presentation entitled 'Accuracy of typical photogrammetric networks in cultural heritage 3D modeling projects.'
<i>28 October - 01 November 2013, Marseille, France</i>	Speaker at the "Digital Heritage International Congress" conference with the presentation entitled "Dense image matching: comparisons and analyses".
<i>02-06 September 2013 Strasbourg, France</i>	Speaker at the conference "24th Intern. CIPA Symposium" with the presentation entitled "Accuracy and analysis of block deformation in automatic UAV and terrestrial photogrammetry - Lesson learned". (Best Article Award)
	<i>Direction and participation in the activities of a research project at national or international level</i>
<i>2024 International – ISPRS ECBI 2024</i>	<u>Project:</u> POSER: an oPen sOurce Simulation platform for tEaching and tRaining underwater photogrammetry. <u>Role/Responsibility:</u> Co-PI.
<i>2024 International - ISPRS ECBI 2024</i>	<u>Project:</u> SUNRISE_Project (Seashore and UNderwater documentation of aRchaeological heritage palimpSests and Environment) SUMMER SCHOOL – Second edition. <u>Role/Responsibility:</u> Co-PI.
<i>2023-2025 Italy – PRIN 2022 PNRR – SS10 Sector</i>	<u>Project:</u> POSEIDON - multiitemPOral SEagrass mapping and monitoring of posIDONia meadows and banquettes for blue carbon conservation. <u>Role/Responsibility:</u> Team member.
<i>2023-2025 Italy – PRIN 2022 – SS10 Sector</i>	<u>Project:</u> MANATEE - Monitoring and mApping of mariNe hAbitat with inTegrated gEomatics technologiEs. <u>Role/responsibility:</u> Coordinator.
<i>2023-2024 International - ISPRS SI 2023</i>	<u>Project:</u> NAUTILUS - uNder And throUgh waTer datasets for geospatiaL stUdieS. <u>Role/responsibility:</u> Coordinator.
<i>From 2023 Italy - PNRR</i>	<u>Project:</u> PNRR eINS - Next Generation Innovation Ecosystem for Sardinia funded by the National Recovery and Resilience Plan. <u>Role/responsibility:</u> Expert in geomatic techniques.
<i>From 2022 Italy- PNRR</i>	<u>Project:</u> PNRR NBFC – National Biodiversity Future Centre funded by the National Recovery and Resilience Plan. <u>Role/responsibility:</u> Expert in geomatic techniques.
<i>2020-2022 International - ISPRS ECBI 2020</i>	<u>Project:</u> LightCam - Enlightening the camera obscura – where photogrammetry, computer vision and robotics meet. <u>Role/responsibility:</u> Coordinator.
<i>Since 2018 French Polynesia, United States, Switzerland, Italy</i>	<u>Project:</u> Moorea IDEA - Island Digital Ecosystem Avatars. <u>Role/responsibility:</u> responsible for defining best practices for 4D monitoring of coral reefs with photogrammetric and geodetic techniques.
<i>2019-2020 France</i>	<u>Project:</u> CAPRICA - Sonar and video SENSORS for the Search and Identification of ASV Targets. <u>Role/responsibility:</u> development of underwater navigation methods based on the integration of acoustic and passive/active vision systems.
<i>2019-2020 France</i>	<u>Project:</u> SPHYRNA ODYSSEY oceanographic mission. <u>Role/responsibility:</u> Development of a low-cost underwater image processing system towed by the SFIRNA surface vehicle.
<i>2018-2020 France</i>	<u>Project:</u> GREENEXPLORER. <u>Role/responsibility:</u> Development of underwater image processing for autonomous navigation: visual odometry and orthophoto mosaic of underwater images in real time.
<i>2015-2017 EU</i>	<u>Project:</u> REPLICATE - cReative-asset harvEsting PipeLine to Inspire Collective-AuThoring and Experimentation. <u>Role/responsibility:</u> development of a multi-user acquisition and 3D modeling platform for the creative industry; connections and connections with creative industry stakeholders.
<i>2013-2015 Italy</i>	<u>Project:</u> VAST - VAlorization History and Territory.. <u>Role/responsibility:</u> survey (3D scanning, photogrammetry, GNSS positioning) and 3D modeling of sites and monuments of the First World War on the plateaus of Lusern, Lavarone and Folgaria (Trento).
<i>2012-2015 EU</i>	<u>Project:</u> 3D-ICONS. <u>Role/responsibility:</u> definition of the standardized procedure for the digitization and collection of metadata and paradata; digitization of the artifact and development of the

	automatic procedure for the supply of 3D models to Europeana; liaison with stakeholders (museums, superintendence).
2011-2014 Italy	<u>Project: Etruscans in 3D.</u> <u>Role/responsibility:</u> 3D survey and modeling with photogrammetry and terrestrial 3D laser laser.
2011-2012 Italy	<u>Project: MEM3D - Multitemporal analysis of landscape and urban areas.</u> <u>Role/responsibility:</u> photogrammetric processing of historical aerial images of the Second World War.
	<i>PhD thesis examination committee and referee</i>
February 2024	Reviewer of Umberto Severino's PhD thesis in Civil and Industrial Engineering (DICI) at the University of Calabria entitled "3D Imaging Techniques for Mapping and Analyzing Underwater Environments".
December 2023-June 2024	Member of the evaluation commission and reviewer of the doctoral thesis of Francesca Russo, PhD course in "Environment, resources and sustainable development" of the University of Naples Parthenope, "Posidonia oceanica: new approaches of instrumental and methodological investigation".
May 5, 2023	Member of the evaluation committee of the doctoral thesis of Alessio Calantropio, PhD in Architectural and Landscape Heritage, Doctoral School of the Polytechnic of Turin entitled "Geomatic techniques for the documentation of underwater cultural heritage".
April 11, 2023	President of the examination commission of Ali Karami's doctoral thesis in Information and Communication Technology, IECS Doctoral School, PhD in Industrial Innovation University of Trento entitled "Image-based 3D metrology of non-collaborative surfaces".
22 June 2022 / 30 October 2023	Member of the Steering Committee (Comité de suivi individuel de thèse) for Charles Villard's doctoral thesis, École Doctorale MSTIC, Paris-Est Sup
February 2022	Reviewer of the PhD thesis in Data Science at the Sapienza University of Rome entitled 'Digital paleoography as a matter of sign representation: from the reconstruction of the objective form of inscriptions to their analysis using Deep Neural Networks'.
	<i>Participation in scientific journal committees</i>
Since 2019	Member of the editorial advisory board of the ELSEVIER journal "ISPRS Open Journal of Photogrammetry and Remote Sensing"
Since 2019	Member of the Editorial Board "Engineering Remote Sensing", MDPI "Remote Sensing"
Since 2019	Member of the Topical Advisory Panel of the MDPI magazine 'Standards'
	<i>Teaching</i>
From 2023	In charge of the following university classes: "Geomatics", Master's Degree Course in "Environmental and Land Management"; Topography and Cartography", Bachelor's Degree Course in "Security and International Cooperation". University of Sassari, Sassari, Italy
From 2022	In charge of the following university classes: "Topography and Cartography", Degree Courses in "Planning, Management and Tourism Promotion of Cultural and Environmental Itineraries" and "Languages, Cultures and Techniques for Tourism". University of Sassari, Sassari, Italy
2019-2021	In charge of the following university classes: "Introductory Course in Photogrammetry and Computer Vision" and "Photogrammetry and Computer Vision", Master Signal and Image Processing, Path: Images, Models and Vision (IMOVI). University of Aix-Marseille, Marseille, France.
	<i>Student supervision</i>
2024-2025	Tutoring of one bachelor student (Bachelor's Degree Course in "Security and International Cooperation") and one master student (Master's Degree Course in "Environmental and Land Management"), University of Sassari, Sassari, Italy

2023-2024	Scientific coordinator of a postdoctoral research grant within the Research Project "MANATEE" (Dr. Alessio Calantropio)
2023-2024	Scientific coordinator of two postgraduate scholarships within the "NAUTILUS" Research Project (Dr. Alessio Calantropio and Dr. Alessia Giaquinto)
2022-2023	Co-supervisor of the thesis: Student Flavia Cianfanelli. Thesis title: "Conservation and monitoring of marine and coastal habitats: criticalities in bathymetric leveling and application of survey techniques of Posidonia oceanica (Linnaeus) Delile". Department of Modern Literature and Cultures. Faculty of Letters and Philosophy. Master's Degree Course in Land Management and Enhancement. University of Rome La Sapienza.
2020-2021	Tutoring of three master's students, Master's 'Signal and Image Processing', Course in Images, Models and Vision, University of Aix-Marseille, France.
2011-2017	Tutoring of 10 master students, different backgrounds, FBK, Trento.
	<i>Awards and recognitions</i>
2023	Best Poster Award at the 65th SIFET Conference 2023, September 2023 in Arezzo, Italy
2016	Breuckmann Prize 2016 for the project 3D MASTER (3D Mass digitization of cultural heritage)
2013	Best Paper Award at the 24th Intern. CIPA Symposium, September 2013, Strasbourg, France.
2012	Best Paper Award at the 18th Int. Conference on Virtual Systems and MultiMedia, September 2012, Milan, Italy.
2012	Best Poster Award at the ISPRS Congress, August 2012, Melbourne, Australia.
2011	Best Paper Award 4th Int. Workshop 3D-ARCH'2011 3D Virtual Reconstruction and Visualization of Complex Architectures, March 2011, Trento, Italy.
	<i>Other managerial roles and responsibilities</i>
2023-2025	Referent for the Department of Humanities and Social Sciences for the national project within the "Plans for Orientation and Tutoring" entitled "TALENTS - POT OF ECONOMICS, MANAGEMENT AND TOURISM" coordinated by the University of TURIN (budget 24000,00 €)
From 2023	Delegate for the monitoring of student careers of the L15 Degree Course of DUMAS
2023-2024	Member of the DUMAS Department Board as representative of Researchers
2022-2023	Participation in orientation activities organized by the Department of Humanities and Social Sciences, University of Sassari University of Sassari
	<i>Knowledge transfer and societal engagement</i>
2012-today	Scientific dissemination activities Participation in several editions of the European Night of Researchers in Trento (Italy) and Sassari (Italy)
November 2024	Organization of three open days for high school students at the Department of Humanities and Social Sciences of the University of Sassari (students involved more than 100)
October 21, 2023	Participation as a speaker in the workshop entitled "Green Infrastructures and the Giara" held at the Conference Hall of the Municipal Social Center of Genoni (South Sardinia) organized as part of the PNRR e.INS Ecosystem of Innovation for Next Generation Sardinia project, Spoke 9
February/March 2023	Delivery of a course within the UNISCO project entitled "Introduction to photogrammetry surveying and 3D modeling with photogrammetry for the enhancement of cultural and environmental heritage" (16 hours) for high school students.

PUBLICATIONS' LIST

Articles in peer-reviewed journals

- Kopecky, K.L., Pavoni, G., Nocerino, E., Brooks, A.J., Corsini, M., Menna, F., Gallagher, J.P., Capra, A., Castagnetti, C., Rossi, P. and Gruen, A., 2023. Quantifying the Loss of Coral from a Bleaching Event Using Underwater Photogrammetry and AI-Assisted Image Segmentation. *Remote Sensing*, 15(16), p.4077.
- Nocerino, E. and Menna, F., 2023. In-camera IMU angular data for orthophoto projection in underwater photogrammetry. *ISPRS Open Journal of Photogrammetry and Remote Sensing*, 7, p.100027.
- Caruana, J., Wood, J., Nocerino, E., Menna, F., Micallef, A. and Gambin, T., 2022. Reconstruction of the collapse of the 'Azure Window' natural arch via photogrammetry. *Geomorphology*, 408, p.108250.
- Chemisky, B., Menna, F., Nocerino, E. and Drap, P., 2021. Underwater survey for oil and gas industry: A review of close-range optical methods. *Remote Sensing*, 13(14), p.2789.
- Rossi, P., Ponti, M., Righi, S., Castagnetti, C., Simonini, R., Mancini, F., Agrafiotis, P., Bassani, L., Bruno, F., Cerrano, C., Cignoni, P., 2021. Needs and Gaps in Optical Underwater Technologies and Methods for the Investigation of Marine Animal Forest 3D-Structural Complexity. *Frontiers in Marine Science*, 8, p.171.
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- Nocerino, E., Menna, F., Farella, E.M., Remondino, F., 2020: A cost-effective 3D Photogrammetric Approach for Semi-submerged Caves. *CREG Journal*, Vol. 112, 3-6
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I authorize the processing of my personal data pursuant to Legislative Decree 30 June 2003, n. 196 and the GDPR (EU Regulation 2016/679).

Sassari, 24 April 2025

Signature

