

# CURRICULUM VITAE ELENA ARMANINO



## PERSONAL INFORMATION

Name  
Address  
Telephone  
E-mail  
Nationality  
Date of birth  
Occupation  
Italian Government Department  
Position held

**Elena ARMANINO**

### Senior Cartographer

**Italian Hydrographic Institute** (Navy – Ministry of Defence)

**Head of Quality Control Office**

## EDUCATION AND TRAINING

### EDUCATION

- **Advanced Master in Sustainable Blue Growth** with **110/110** marks, University of Trieste, IT, February 2019
- **Professional Architect**, University of Genoa, IT, 2002 (having passed the State Exam in 2002)
- **Degree in Architecture** with **110/110** marks, University of Genoa, IT, July 2001  
Thesis: “**Indirizzi di pianificazione e gestione a fini multipli della Foresta Demaniale Regionale della Deiva**”
- Graduated from Scientific High School, Liceo Scientifico Statale L. Lanfranconi, Genoa, IT, July 1994

### TRAINING

- Jean Monnet Summer School on **European Union and the Law of the Sea (EULoS)**, University of Genoa, IT, 24 August – 4 September 2020
- **International ENC Validation** training course, IC-ENC, Italian Hydrographic Institute, IT, April 2019
- **INSPIRE** Course in Implementation of a Spatial Data Infrastructure, Planetek Italia, Italian Hydrographic Institute, IT, February 2019
- **Oceanographic Cruise**, NATO r/v Alliance, HN18 Arctic Cruise (Tromso – Tromso), 7-25 July 2018
- Course in **Advanced GIS Open Source: Geographical Analysis, Digital Terrain Models Database**, Agenzia formativa Forma Mentis – Milan, IT, December 2015
- Course in **GIS Open Source: introduction to GIS and learning Open Source QGIS Software**, Agenzia formativa Forma Mentis – Milan, IT, November 2015
- **HPD Administration** training course, CARIS, Italian Hydrographic Institute, IT, November 2011
- **HPD ENC & Paper Chart** training course, CARIS, Italian Hydrographic Institute, IT, May 2010
- **HPD Source Editor** training course, CARIS, Italian Hydrographic Institute, IT, May 2010
- **CARIS Notebook** course, Italian Hydrographic Institute, IT, February 2009
- **CARIS Base Editor** course, Italian Hydrographic Institute, IT, February 2009
- General Training Course on the main activities of the Ministry of Defence, MARIDIPART, La Spezia, IT, November 2008
- Nautical License course (30 h) and Limited Radiotelephony, Savona, IT, February 2007
- **MGCP Defense Solutions** course, ESRI, Italian Hydrographic Institute, IT, February 2007
- Course in **ArcGIS, ArcView and ArcInfo** – Building the Geodatabases, ESRI, Italian Hydrographic Institute, IT, January 2007
- VII Meeting of Italian GRASS users, DIMSET, University of Genoa, IT, February 2006
- Course (120 h) in Coordination of Safety on temporary or mobile sites - D.Lgs. 494/96, Scuola Edile, Savona, IT, December 2003 – April 2004
- International Workshop on Urban Studies and Cartography, Cervo (IM), University of Genoa, IT, October 1998

## WORK EXPERIENCE

## PROFESSIONAL ACTIVITIES

- Head of Quality Control Office at the Italian Hydrographic Institute, Genova, IT, January 2010 – present
- Member of International Maritime Limits and Boundaries Office at the Italian Hydrographic Institute, Genova, IT, May 2018 – 2020
- Head of Nautical Cartography Section at the Italian Hydrographic Institute, Genova, IT, December 2004 – January 2010
- Collaboration with “Cartographic Reference System” in Florence (on the project POMA), Italian Hydrographic Institute, Genova, IT, February 2002 - June 2004

## ACADEMIC ACTIVITIES

- Teacher of the course, **Electronic Cartography & Marine GIS** (part of the **2<sup>nd</sup> level Master's in Marine Geomatics for Hydrography**) at the Italian Hydrographic Institute & University of Genoa, Genova, IT, April 2022, 2023
- Teacher of the course, **Technical aspects of the UNCLOS** (part of the Course Legal Aspects of Hydrography - **LM 75 in Hydrography and Oceanography**) at the Italian Hydrographic Institute & University of Genoa, Genova, IT, April 2019, 2020, 2021 and 2022
- Teacher of the course, **Marine GIS (LM 75 in Hydrography and Oceanography)** at the Italian Hydrographic Institute & University of Genoa, Genova, IT, May 2019, 2020, 2021 and 2022
- Invited Speaker at the Technical workshop “Information Technology for Safety: a joint Italian and Croatian perspective for the Adriatic Sea”, Venice, 29th March 2019, Interreg Italy – Croatia INTESA, Lecture: “Cartography for Safe Navigation and Sustainable Blue Growth in the Northern Adriatic Sea”
- Thesis Advisor for “Spatial Data Sharing: Hydrographic Open Data Management and Overview of Legislation”, 2<sup>nd</sup> level Master's thesis in Marine Geomatics and Applied Technologies to the Marine Environment, Italian Hydrographic Institute & University of Genoa, Genova, IT, December 2017
- Teacher of the course, **Digital Cartography and GIS** (part of the **Nautical Charting Hydrography Course** for Albanian Cartographers) at the Italian Hydrographic Institute, Genova, IT, May 2017
- Teacher of the course, **Electronic Cartography** (part of the **Specialization Course in Hydrography for Naval Officers**) at the Italian Hydrographic Institute, Genova, IT, March 2017
- Teacher of the course, **Geographical Information Systems** (part of the **2<sup>nd</sup> level Master's in Marine Geomatics and Applied Technologies to the Marine Environment**) at the Italian Hydrographic Institute & University of Genoa, Genova, IT, December 2016 and 2014
- Teacher of the course, **Data Representation** (part of the **Specialization Course in Oceanography for Naval Officers**) at the Italian Hydrographic Institute, Genova, IT, May 2016
- Teaching at the **Updating Course for Cartography 2** at the Italian Hydrographic Institute, Genova, IT, December 2015
- Thesis Advisor for “Study, Development, and Exploitation of GIS for UMVs (Unmanned Marine Vehicles): Data integration and fruition for shallow water environment assessment”, 2<sup>nd</sup> level Master's thesis in Marine Geomatics and Applied Technologies to the Marine Environment, Italian Hydrographic Institute & University of Genoa, Genova, IT, November 2015
- Teacher of the course, **Electronic Cartography** (part of the Specialization Course in Hydrography for Naval Officers) at the Italian Hydrographic Institute, Genova, IT, March 2015
- Teaching at the **Updating Course for Cartography** at the Italian Hydrographic Institute, Genova, IT, November 2014
- Teacher of the course, **Information Systems applied to Cartography** (part of the Qualification Course for Hydrographic Surveyors) at the Italian Hydrographic Institute, Genova, IT, May 2009, June 2010, June 2011, May 2014
- Teacher of the course, **Cartography** (part of the Specialization Course in Hydrography for Naval Officers) at the Italian Hydrographic Institute, Genova, IT, January 2009

## INTERNATIONAL WORKING GROUPS MEMBERSHIP

- September 2023, **Membership of Nautical Information Provision Working Group (NIPWG)** - International Hydrographic Organization (IHO), as unique Italian representative, at the IHO Secretariat, Monaco
- March 2021, September 2022, **Membership of Nautical Information Provision Working Group (NIPWG)** - International Hydrographic Organization (IHO), as unique Italian representative (VTC Event)
- November 2019, **Membership of Nautical Information Provision Working Group (NIPWG)** - International Hydrographic Organization (IHO), as unique Italian representative, at the German Federal Maritime and Hydrographic Agency, Tallinn (EW)
- January 2019, **Membership of Nautical Information Provision Working Group (NIPWG)** - International Hydrographic Organization (IHO), as unique Italian representative, at the German Federal Maritime and Hydrographic Agency, Rostock (DE)
- March 2018, **Membership of Nautical Information Provision Working Group (NIPWG)** - International Hydrographic Organization (IHO), as one of the two Italian representatives, at Italian Hydrographic Institute, Genoa (IT)
- May 2017, **Membership of Workshop on the Visualization of Nautical Information (VONI)** - International Hydrographic Organization (IHO), as one of the two Italian representatives, at the New Hampshire University, Durham (USA)
- May 2017, **Membership of Nautical Information Provision Working Group (NIPWG)** - International Hydrographic Organization (IHO), as one of the two Italian representatives, at the New Hampshire University, Durham (USA)
- April 2016, **Membership of Nautical Cartography Working Group (NCWG)** – International Hydrographic Organization (IHO), as one of the two Italian representatives, at the International Hydrographic Bureau, Monaco

## PERSONAL SKILLS

MOTHER TONGUE  
OTHER LANGUAGE  
Understanding  
Speaking  
Writing

ITALIAN  
ENGLISH  
C1  
C1  
C1

*Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages*

## COMMUNICATION SKILLS

Excellent human relations with a special predisposition for team or group work

## ORGANISATIONAL SKILLS

Ability to coordinate personnel  
Strong teaching and training abilities

## TECHNICAL SKILLS

Computer skills: excellent command of **CAD** softwares, (Microstation, Autocad), MSOffice suite (Word, Excel, PowerPoint), Adobe Acrobat; good command of **photo editing** softwares (Adobe PhotoShop, Adobe Illustrator, Corel Paint Shop Pro)  
Excellent command of **GIS** softwares: dKart Editor(Jeppesen), Source Editor and Product Editor (CARIS), ArcGIS (ESRI), QGIS

## ADDITIONAL INFORMATION

Awarded an "Encomio" by Admiral Liaci (Director of the Italian Hydrographic Institute) in 2015

I agree to the processing of personal data as per Italian D.lgs. n. 196/2003

Genova, February 14, 2024

Elena ARMANINO