

Nicola Nurra  
**CURRICULUM VITAE**



**PERSONAL INFORMATION**

**SURNAME /FIRST NAME** Nurra Nicola  
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**PERSONAL E-MAIL** [nnurra@gmail.com](mailto:nnurra@gmail.com)  
**WEBSITE** [www.pelagosphera.com](http://www.pelagosphera.com)  
**NATIONALITY** Italian  
**DATE OF BIRTH** April 18, 1971  
**BIRTH PLACE** Portoferraio (LI) - Italy  
**FISCAL CODE** NRRNCL71D18G912W  
**VAT NUMBER** 10304610016

**OCCUPATIONAL FIELD**

Marine and freshwater environmental monitoring. Expert in the field of marine benthology and planctonology. Expert in coastal ecosystems and conservation of marine biodiversity.

**CURRENT POSITION**

President, co-founder and researcher of the Pelagosphera – Cooperative Society in the field of marine and freshwater ecosystems, environmental monitoring, marine ecology, underwater monitoring, teaching and dissemination of marine biology.

**WORK EXPERIENCE IN PUBLIC SECTOR**

<p>DATES</p> <p>NAME AND ADDRESS OF EMPLOYER</p> <p>TYPE OF BUSINESS OR SECTOR</p> <p>OCCUPATION OR POSITION HELD</p> <p>MAIN ACTIVITIES AND RESPONSIBILITIES</p>	<p>2015 – to date</p> <p><b>Turin University</b> – Life Sciences and Systems Biology Department – 13, Accademia Albertina Street – 10123 Torino, Italy.</p> <p>University</p> <p>Researcher</p> <p>Biodiversity evaluation in North-western Mediterranean sea. Analysis of microfauna: olo, mero and ichthyoplankton community.</p>
<p>DATES</p> <p>NAME AND ADDRESS OF EMPLOYER</p>	<p>2014 - 2017</p> <p><b>Zooprofilattico Experimental Institute</b> of Piedmont, Liguria e Valle d’Aosta. 148, Bologna Street – 10154 Torino. Italy.</p>

TYPE OF BUSINESS OR SECTOR	Research Institute
OCCUPATION OR POSITION HELD	Researcher
MAIN ACTIVITIES AND RESPONSIBILITIES	Analysis of trace elements in marine macroalgae and zooplankton community.
DATES	2014 - 2015
NAME AND ADDRESS OF EMPLOYER	<b>Interuniversity Centre of Marine Biology and Applied Ecology "G. Bacci"</b> – CIBM, 4, Viale N. Sauro, 4 – 57128 Livorno, Italy.
TYPE OF BUSINESS OR SECTOR	Research Institute
OCCUPATION OR POSITION HELD	Researcher
MAIN ACTIVITIES AND RESPONSIBILITIES	Monitoring and analysis of the mesozooplankton community surrounding the offshore regasification terminal (OLT) FSRU Toscana in Ligurian Sea (North-western Mediterranean Sea)
DATES	2012 - 2017
NAME AND ADDRESS OF EMPLOYER	<b>Rome University "La Sapienza"</b> , Biology of the Environment Department, 5, Piazzale Aldo Moro – 00185 Roma, Italy
TYPE OF BUSINESS OR SECTOR	University
OCCUPATION OR POSITION HELD	Researcher
MAIN ACTIVITIES AND RESPONSIBILITIES	Monitoring of the mesozooplankton community in the waters surrounding the Costa Concordia wreck (Giglio Island, Tyrrhenian Sea, Italy).
DATES	2013 - 2015
NAME AND ADDRESS OF EMPLOYER	<b>Tuscan Archipelago National Park (PNAT)</b> Località Enfola - 57037 Portoferraio (LI), Italy.
TYPE OF BUSINESS OR SECTOR	National Park
OCCUPATION OR POSITION HELD	Environmental monitoring and Scuba diving research
MAIN ACTIVITIES AND RESPONSIBILITIES	Biocoenotic characterization and visual census of the fish fauna in the Pianosa Island (MPA). Monitoring <i>Posidonia oceanica</i> meadow. Analysis of the main physical, physiographic, structural and functional descriptors of the <i>Posidonia oceanica</i> meadow
DATES	2013
NAME AND ADDRESS OF EMPLOYER	<b>Turin University</b> – Life Sciences and Systems Biology Department – 13, Accademia Albertina Street – 10123 Torino, Italy.
TYPE OF BUSINESS OR SECTOR	University
OCCUPATION OR POSITION HELD	Educating, Teaching, Science Dissemination
MAIN ACTIVITIES AND RESPONSIBILITIES	A seminar cycle on the work of marine biologist: "Measure Biodiversity".
DATES	2012 - 2013
NAME AND ADDRESS OF EMPLOYER	<b>Aquatics Systems Laboratory, Life Sciences and Systems Biology Department, Turin University</b> , 13, Accademia Albertina Street – 10123 Torino, Italy.
TYPE OF BUSINESS OR SECTOR	University
OCCUPATION OR POSITION HELD	Researcher
MAIN ACTIVITIES AND RESPONSIBILITIES	Biocoenotic characterization and benthonic macroinvertebrates analysis in Atlantic lagoon, (Aveiro lagoon), Portugal.
DATES	2011
NAME AND ADDRESS OF EMPLOYER	<b>Municipality of Portoferraio</b> 17, Giuseppe Garibaldi Street - 57037 Portoferraio (LI) – Italy.
TYPE OF BUSINESS OR SECTOR	Public administration
OCCUPATION OR POSITION HELD	Educating, Teaching, Science Dissemination

MAIN ACTIVITIES AND RESPONSIBILITIES	Environmental education from primary to college schools.
DATE	2011
NAME AND ADDRESS OF EMPLOYER	<b>Municipality of Milan, Museums Sector - Public Aquarium 2</b> , Viale G. B. Gadio - 20121 Milano – Italy.
TYPE OF BUSINESS OR SECTOR	Public authority
OCCUPATION OR POSITION HELD	Organization, management and responsibilities.
MAIN ACTIVITIES AND RESPONSIBILITIES	Manager and coordinator of the aquarium technicians.
DATE	2010
NAME AND ADDRESS OF EMPLOYER	<b>Istituto Superiore per la Ricerca Ambientale (ISPRA)</b> , 48, Brancati Street - 00144 Roma, Italy
TYPE OF BUSINESS OR SECTOR	Research Institute
OCCUPATION OR POSITION HELD	Researcher
MAIN ACTIVITIES AND RESPONSIBILITIES	Evaluation of the environmental impact of dredging on marine benthic fauna. Analysis of the macrofauna.
DATE	2010
NAME AND ADDRESS OF EMPLOYER	<b>Turin University</b> – Life Sciences and Systems Biology Department – 13, Accademia Albertina Street – 10123 Torino, Italy.
TYPE OF BUSINESS OR SECTOR	University
OCCUPATION OR POSITION HELD	Researcher
MAIN ACTIVITIES AND RESPONSIBILITIES	Study of mycotic community and potential use in the pharmacological field.
DATE	2009
NAME AND ADDRESS OF EMPLOYER	<b>Istituto per le piante da legno e l'ambiente IPLA spa</b> , Piedmont Region. 476, Corso Casale – Torino, Italy.
TYPE OF BUSINESS OR SECTOR	Public company with regional participation.
OCCUPATION OR POSITION HELD	Field technician as part of the integrated mosquito fight project.
MAIN ACTIVITIES AND RESPONSIBILITIES	Updating cartography of rise field areas, control of larval outbreaks, water treatment, support for experimental activities provided by the project.
DATES	2006 - 2008
NAME AND ADDRESS OF EMPLOYER	<b>Turin University</b> – Life Sciences and Systems Biology Department – 13, Accademia Albertina Street – 10123 Torino, Italy.
TYPE OF BUSINESS OR SECTOR	University
OCCUPATION OR POSITION HELD	PhD student with scholarship
MAIN ACTIVITIES AND RESPONSIBILITIES	Research in marine ecology and biology. Studies on the conservation status of the <i>Posidonia oceanica</i> meadows and associated benthonic community.
<b>WORK EXPERIENCE IN PRIVATE COMPANIES</b>	
DATE	2017
NAME AND ADDRESS OF EMPLOYER	<b>Install srl</b> , 4, Ligorio Pirro - 80129 Napoli, Italy
TYPE OF BUSINESS OR SECTOR	Marine survey
OCCUPATION OR POSITION HELD	Researcher
MAIN ACTIVITIES AND RESPONSIBILITIES	Analysis of zoobenthonic samples from collected in the Atlantic Ocean
DATE	2017
NAME AND ADDRESS OF EMPLOYER	<b>Ecotechsystems srl</b> 27, Caduti del Lavoro Street - 60131 Ancona, Italy.
TYPE OF BUSINESS OR SECTOR	Environmental and geophysics Survey, Biological Analysis

OCCUPATION OR POSITION HELD	Researcher
MAIN ACTIVITIES AND RESPONSIBILITIES	Analysis of zoobenthonic samples collected in the Indian Ocean off the Mozambican coast.
DATES	2015 - 2016
NAME AND ADDRESS OF EMPLOYER	<b>Gnosis S.p.A.</b> advanced biotech 1, Lavoratori Autobianchi Street - 20832 Desio (MB), Italy.
TYPE OF BUSINESS OR SECTOR	Pharmaceutical company
OCCUPATION OR POSITION HELD	Researcher
MAIN ACTIVITIES AND RESPONSIBILITIES	Isolation of the microorganisms to find secondary metabolites for use in the pharmacological and nutrition field.
DATE	2013
NAME AND ADDRESS OF EMPLOYER	<b>Environmental Resources Management (ERM)</b> 38, San Gregorio Street, 20124 Milan, Italy
TYPE OF BUSINESS OR SECTOR	Global provider of environmental, health, safety, risk, and social consulting services.
OCCUPATION OR POSITION HELD	Researcher
MAIN ACTIVITIES AND RESPONSIBILITIES	Characterization and evaluation of the conservation status on marine grassland meadows ( <i>Posidonia oceanica</i> and <i>Cymodocea nodosa</i> ) for the implementation of Trans-Adriatic Pipeline (TAP).
DATES	2012 - 2013
NAME AND ADDRESS OF EMPLOYER	<b>Eurolab S.r.l.</b> 4, Bardonecchia Steet, Nichelino (TO), Italy and <b>IREN</b> Energy sector.
TYPE OF BUSINESS OR SECTOR	Chemical and physical freshwater analysis
OCCUPATION OR POSITION HELD	Researcher
MAIN ACTIVITIES AND RESPONSIBILITIES	Macrofauna analysis and Extended Biotic Index (IBE) calculation on fluvial macroinvertebrates.

#### CONGRESS CONTRIBUTIONS

2017. PESSANI D., BATTUELLO M., CROVELLA S., GUARNERI D., MUSSAT SARTOR R., **NURRA N.** The hermit crab *Paguristes eremita* and its epibionts: the usefulness of the sponge *Suberites domuncula* in the reproductive success. Pag. 127. 78<sup>th</sup> Congress of the Unione Zoologica italiana, Torino 18-23 settembre 2017.

2017. PESSANI D., BATTUELLO M., DI MUZIO G., MUSSAT SARTOR R., **NURRA N.** – Seasonal presence and distribution of Crustacean Decapod larvae in Ligurian Sea and Northern Mediterranean Sea. The Crustacean Society (TCS) Mid Year Meeting, June, 19-22 2017 Barcelona, Spain.

2017. SQUADRONE S., BRIZIO P., BATTUELLO M., **NURRA N.**, MUSSAT SARTOR R., BENEDETTO A., PESSANI D. E ABETE M.C. Mediterranean macroalgae as potential food supplements: a first monitoring study in Elba Island (Italy). 8th International Symposium on Recent Advances in Food Analysis, Prague.

2017. **NURRA N.**, BATTUELLO M., BRIZIO P., MUSSAT SARTOR R., RIVA A., STAITI M.C., BENEDETTO A., PESSANI D., SQUADRONE S. – Presenze di metalli in alghe mediterranee destinate ad alimentazione: risultati preliminari. *Biol. Mar Mediterr.* 48° Congresso della Società Italiana di Biologia Marina, Roma 7 – 9 giugno 2017.

2016. SQUADRONE S., BRIZIO P., BATTUELLO M., **NURRA N.**, MUSSAT SARTOR R., BENEDETTO A., PESSANI D., ABETE M.C. Mediterranean krill as an

alternative protein source in feed: trace elements occurrence. Feed 2016, 5<sup>th</sup> International Feed Conference: Present and Future Challenges. October 19-20, Geel Belgium.

2016. MUSSAT SARTOR R., BATTUELLO M., **NURRA N.**, SQUADRONE S. - Sulla presenza di *Ganonema farinosum* (Rhodophyta, Liagoriaceae) lungo le coste dell'AMP Isola di Bergeggi (Mar Ligure). *Biol. Mar. Mediterr*, **23** (1): 232-233. 47° Congresso della Società Italiana di Biologia Marina, Torino 13-17 giugno 2016.

2016. BATTUELLO M., DI MUZIO G., MUSSAT SARTOR R., **NURRA N.**, BRIZIO P., ABETE M.C., SQUADRONE S. – Chetognati come bioindicatori di metalli in traccia in un ecosistema costiero. *Biol. Mar. Mediterr*, **23** (1): 102-103. 47° Congresso della Società Italiana di Biologia Marina, Torino 13-17 giugno 2016.

2016. BURZIO P., BATTUELLO M., MUSSAT SARTOR R., **NURRA N.**, PESSANI D. - Analisi dell'ittiofauna e del macrobenthos sessile come strumento di confronto in aree marine sottoposte a differente grado di tutela. *Biol. Mar. Mediterr*, **23** (1): 98-101. 47° Congresso della Società Italiana di Biologia Marina, Torino 13-17 giugno 2016.

2016. **NURRA N.**, COLLETTI A., MUSSAT SARTOR R. - Atlante dei Rissoidae di strato fogliare di *Posidonia oceanica* (L.) Delile. *Biol. Mar. Mediterr*, **23** (1): 232-233.

2015. BATTUELLO M., MUSSAT SARTOR R., **NURRA N.**, DE BIASI A., ARDIZZONE G., PESSANI D. – Copepods as indicators of environmental health: preliminary results about Costa Concordia wreck. 46° Congresso della Società Italiana di Biologia Marina (Vincitore del premio migliore presentazione - comitato plancton) *Biol. Mar. Mediterr.* (2015), **22** (1): 190-195

2014. BATTUELLO M., MUSSAT SARTOR R., **NURRA N.**, DE BIASI A., PESSANI D. - Segnalazione di *Distiocolus minor* (Copepoda - Harpacticoida) nelle acque dell'Arcipelago Toscano. 45° Congresso della Società Italiana di Biologia Marina, Venezia, maggio 2014. *Biol. Mar. Mediterr.* **21** (1): 313-314.

2010. BELCI F., MUSSAT SARTOR R., **NURRA N.**, PESSANI D. – Population biology of the hermit crab *Cestopagurus timidus* in two *Posidonia oceanica* beds. 41° Congresso SIBM 2010. *Biol. Mar. Medit.*, **17** (1): 262-263

2010. RIBERO L., ESPOSITO F., MUSSAT SARTOR R., **NURRA N.**, PESSANI D. – Aspetti di biodiversità nell'infralitorale dell'istmo dell'Enfola (Isola d'Elba). 41° Congresso SIBM 2010. *Biol. Mar. Medit.*, **17** (1): 62-65.

2010. ESPOSITO F., RIBERO L., MUSSAT SARTOR R., **NURRA N.**, PESSANI D. - Gasteropodi e Policheti nell'infralitorale dell'istmo dell'Enfola (Isola d'Elba): nuove segnalazioni e revisione della nomenclatura. 41° Congresso della Società Italiana di Biologia Marina. Rapallo 7-11 giugno 2010. *Biol. Mar. Medit.*, **17** (1): 272-273.

2009. **NURRA N.**, BELCI F., MUSSAT SARTOR R., PESSANI D. - Meadows assessment and biodiversity: molluscs community in *Posidonia oceanica* beds. Mediterranean Seagrass Workshop - Hvar - Croazia

6/10 sett. 2009

2009. **NURRA N.**, BELCI F., MUSSAT SARTOR R., PESSANI D. - Può un SIC assicurare la conservazione della biodiversità e la gestione della fascia costiera? Il caso Punta Manara (Mar Ligure orientale). 40° Congresso della Società Italiana di Biologia Marina, Livorno 26-29 maggio 2009. *Biol. Mar. Medit.*, **16** (1): 119-122.

2008. BELCI F., MUSSAT SARTOR R., **NURRA N.**, PESSANI D. - Population Structure of the Hermit Crab *Cestopagurus timidus* (Anomura: Paguridae) in Two *Posidonia oceanica* meadows of Elba Island (Italy – North Tyrrhenian Sea). 9 CCDM (IX Colloquium Crustacea Decapoda Mediterranea), Mus. Reg. Sci. Nat. Torino 2011: 31-46.

2008. **NURRA N.**, ORLANDO F., PESSANI D. - *Gibberula oryza* (Prosobranchia Caenogastropoda): prima segnalazione per i mari italiani. 39° Congresso della Società Italiana di Biologia Marina, Cesenatico Ravenna 9-13 giugno 2008. *Biol. Mar. Medit.*, **15** (1)

2007. MUSSAT SARTOR R., **NURRA N.**, PESSANI D. – *Ephesiella cantonei* e *Marphysa fallax* (Anellida: polychaeta): prime segnalazioni per il Mar Ligure. 38° Congresso della Società italiana di Biologia Marina. 168-169. *Biol. Mar. Medit.*, **14** (2): 322-323.

2006. VETERE M., **NURRA N.**, MUSSAT SARTOR R. E PESSANI D. – The molluscan community of the foliar stratum of *Posidonia oceanica* (L.) Delile meadows from P.ta Manara (Eastern Ligurian Sea): a qualitative and quantitative analysis. First Mediterranean Seagrass Workshop - Marsascale - Malta 29 mag-3 giu 2006. *Atti Mediterranean Seagrass Workshop – Marsascale, Malta*: 83-84.

2006. VETERE M., **NURRA N.**, MUSSAT SARTOR R. E PESSANI D. – The Molluscan Community of the foliar stratum of *Posidonia oceanica* (L.) Delile meadow from Punta Manara (Eastern Ligurian Sea). Zonation pattern in relation to depth and time. *Biol. Mar. Medit.*, **13** (4): 170-173.

2006. CATTAPAN S., **NURRA N.**, MUSSAT SARTOR R., FROGLIA C. E PESSANI D. - Primi dati biometrici relativi al teleosteo batiale *Lepidion lepidion* (Risso, 1810) presente in Mar Jonio. 37° Congresso della Società Italiana di Biologia Marina. *Biol. Mar. Medit.*, **13** (2): 264-265

2005. MUSSAT SARTOR R., CULOTTA R., DI GRAZIA L., FERRO M., GASTALDI P., LEGATO P., **NURRA N.**, SANTIN S., SUSSARELLU R., TIBI D., TIRELLI S., VALENTE L., VETERE M. E PESSANI D. - Ricerche scientifiche atte a valorizzare un tratto di costa della riviera ligure di levante (Sestri Levante - Moneglia). 15° Congresso della Società Italiana di Ecologia, Torino: 117-118.

2005. **NURRA N.**, MUSSAT SARTOR R., GASTALDI P., VETERE M. E PESSANI D. – Fenologia e perimetrazione della prateria di *Posidonia oceanica* di Punta Manara (Liguria orientale): dati recenti. 35° Congresso della Società Italiana di Biologia Marina. *Biol. Mar. Medit.*, **12** (1): 295-298

2004. MUSSAT SARTOR R., **NURRA N.**, GASTALDI P., TIBI D. E PESSANI D. - Monitoraggio delle praterie di fanerogame marine di Punta Baffe (Riviera Ligure di Levante) 14° Congresso della Società Italiana di

Ecologia, Siena: 88.

**SCIENTIFIC PUBLICATIONS WITH IF**

2018. BATTUELLO M., **NURRA N.**, BRIZIO P., MUSSAT SARTOR R., PESSANI D., STELLA C., ABETE M.C., SQUADRONE S. - The isopod *Eurydice spinigera* and the chaetognath *Flaccisagitta enflata*: How habitat affects bioaccumulation of metals in predaceous marine invertebrates. *Ecological indicators*: 84: 152-160.

<http://dx.doi.org/10.1016/j.ecolind.2017.08.036>

2017. SQUADRONE S., BRIZIO P., BATTUELLO M., **NURRA N.**, MUSSAT SARTOR R., BENEDETTO A., PESSANI D., ABETE M.C. - A first report of rare earth elements in northwestern Mediterranean seaweeds. *Marine Pollution Bulletin*, **122**: 236-242.

<http://dx.doi.org/10.1016/j.marpolbul.2017.06.048>

2017. BATTUELLO M., BRIZIO P., MUSSAT SARTOR R., **NURRA N.**, PESSANI D., ABETE M.C., SQUADRONE S. - The influence of feeding strategies on trace element bioaccumulation and transfer in calanoid copepods from the Northwestern Mediterranean Sea. *Ecological indicators* **74**: 311-320.

<http://dx.doi.org/10.1016/j.ecolind.2016.11.041>

2016. BATTUELLO M., BRIZIO P., MUSSAT SARTOR R., **NURRA N.**, PESSANI D., ABETE M.C., SQUADRONE S. - Zooplankton from North Western Mediterranean Area as a model of metal transfer in a marine environment. *Ecological Indicators*, **66**: 440-451.

doi:10.1016/j.ecolind.2016.02.018

2013. **NURRA N.**, BELCI F., MUSSAT SARTOR R., PESSANI D. - Monitoring of a *Posidonia* bed (Punta Manara, Eastern Ligurian Sea) twenty years after: what's new? *Aquatic Botany* **104**: 162-169.

doi:10.1016/j.aquabot.2011.12.002

**EXPERIENCE IN TEACHING AND SCIENCE****DISSEMINATION**

DATES	2010 – to date
NAME AND ADDRESS OF EMPLOYER	<b>Turin University</b> – Life Sciences and Systems Biology Department – 13, Accademia Albertina Street – 10123 Torino, Italy.
TYPE OF BUSINESS OR SECTOR	University
OCCUPATION OR POSITION HELD	“Cultore della materia”
MAIN ACTIVITIES AND RESPONSIBILITIES	Seminars, workshop, lessons and practical class in bachelor’s degree and advanced degree university courses of: Marine Biology, Conservation of Marine Biodiversity, Ecology of Aquatic Animals, Systematic Zoology.
DATES	2010 – to date
NAME AND ADDRESS OF EMPLOYER	<b>Public schools</b> from primary to college
TYPE OF BUSINESS OR SECTOR	School
OCCUPATION OR POSITION HELD	Teaching and dissemination
MAIN ACTIVITIES AND RESPONSIBILITIES	Classes and seminars in the Environmental Marine Mediterranean project (EAMM).
DATES	2011 - 2012
NAME AND ADDRESS OF EMPLOYER	<b>Public school G. Salvemini</b> . 20, Coggiola Street – 10135 Torino, Italy.
TYPE OF BUSINESS OR SECTOR	Public school
OCCUPATION OR POSITION HELD	Teacher of Mathematics and Science

MAIN ACTIVITIES AND RESPONSIBILITIES	Annual contract to teach in a secondary school
DATES	2009 - 2011
NAME AND ADDRESS OF EMPLOYER	<b>Centro Territoriale Permanente G. Parini.</b> 26, Corso Giulio Cesare, Torino, Italy.
TYPE OF BUSINESS OR SECTOR	Public school
OCCUPATION OR POSITION HELD	Teacher of Mathematics
MAIN ACTIVITIES AND RESPONSIBILITIES	Annual contract to teach in a secondary school with foreign adult.

### EDUCATION AND TRAINING

DATES 2006 - 2009  
PhD in **Evolutionary Biology and Conservation of Biodiversity** (cycle XXI)

INSTITUTE **Turin University** – Life Sciences and Systems Biology Department – 13, Accademia Albertina Street – 10123 Torino, Italy.

TITLE PhD

THESIS The molluscan community of the foliar stratum of *Posidonia oceanica* beds: analysis and spatio-temporal patterns in three meadows (Ligurian and Tyrrhenian sea).

DATES 1999 – 2004  
Graduate in Natural Science, old law.

INSTITUTE **Turin University** – Life Sciences and Systems Biology Department – 13, Accademia Albertina Street – 10123 Torino, Italy.

TITLE Graduate in Natural Science

VOTE 110/110 *cum laude*

THESIS *Posidonia oceanica* meadow of Punta Manara and Punta Baffe (Eastern Ligurian Sea): analysis of descriptors.

DATE DA - A 1985 – 1989

INSTITUTE Liceo classico R. Foresi, Via V. Hugo Street – 57037 Portoferraio (LI), Italy.

TITLE Degree in Classical college school

VOTE 54/60

### OTHER EDUCATIONAL FORMATION

DATE 2010  
Comenius project meeting in cooperative learning and International teacher training (Tartu – Estonia march, 25,29 - 2010). Theme: “stop climate change”.

DATE 2007  
Certificate of the **Turin University** – Life Sciences and Systems Biology Department - *Data Mining and Neural Networks* course.

DATE 2007  
Certificate of the **Turin University** – Life Sciences and Systems Biology Department – Software *ARCGIS 9.1*.

DATE 2006  
Certificate of the **Turin University** – Life Sciences and Systems Biology Department – Software *Mark*

DATE 2005  
Certificate Piedmont Region – Statistic Software SPSS

### PROFESSIONAL KNOWLEDGE

#### EXPERIENCE IN BENTHONIC FIELD

All studies and research aimed at achieving the Ph.D. in biodiversity



conservation and evolutionary biology have been conducted on benthic, plant and animal community. I participated in numerous research projects that required proven experience in the field of systematic taxonomy and mainstream groups of marine invertebrates.

#### **EXPERIENCE IN PLANKTONIC FIELD**

I carry out monitoring activities (from 2012) aimed at studying the oloplankton, meroplankton and ichthyoplankton community around the offshore FSRU Tuscany regasification terminal.

I participated in all the monitoring campaigns aimed at studying the olo and meroplanktonic community at Giglio Island during the monitoring of the shipwreck of the cruise ship Costa Concordia from June 2012 to July 2017.

#### **EXPERIENCE IN MALACOLOGICAL FIELD**

I have set up the first Mediterranean micro molluscs collection of *Posidonia oceanica* foliar stratum with over 200 species recorded in the Marine Biology Lab (led by Prof. Pessani) of the Department of Life Sciences and Systems Biology (DBIOS) University of Turin.

I created the first iconographic online catalog of the Rissoidae of the foliar stratum of the *Posidonia oceanica* meadows.

#### **SCUBA DIVING EXPERIENCE**

Scuba diver since 2004. I realized more than 350 dives in various research and sampling campaigns aimed at studying the state of conservation of the coast and coastline and the biocoenotic characterization of the infra and circa littoral. I contribute to realize project in the field of conservation biodiversity in the Mediterranean sea with many institutes of research, universities, public and private companies.

I applied the use of the Global Information System (GIS) to marine biology by defining and mapping the extension of the *Posidonia oceanica* meadows.

Since 2016, I'm a SCUBA diver and we have AIOSS certificate for European Scientific Diver, ESD and Advanced European Scientific Diver, AESD.

### **PERSONAL SKILLS AND COMPETENCE**

LANGUAGE  
NATIVE Italian

OTHER LANGUAGE English  
READING Well  
WRITING C1  
CONVERSATION Well

OTHER LANGUAGE Spanish – C2  
READING Very well  
WRITING Very well  
CONVERSATION Very well

OTHER LANGUAGE French  
READING Elementary  
WRITING Well  
CONVERSATION Elementary

### **ADDITIONAL TECHNICAL SKILLS**

Statistical Software: MatLab, PRIMER 7, R, Photo: Photoshop, Aperture, Office, iOS

**DIVING CERTIFICATE**

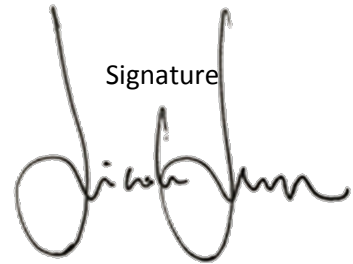
Educational: FIPSAS-CMAS  
First degree diver (one star): – 18 m enabled  
Second degree diver (two stars): – 30 m enabled  
Third degree diver (three stars) – 42 m enabled  
Nitrox basic – mix EAN 36  
Advanced Nitrox –mix EAN 50 (in progress)  
Nocturnal Scuba Diving  
In Current Scuba Diving  
Orientation Scuba Diving  
Rescue Scuba Diving  
Oxygen Provider  
BLS – Basic Life Support  
AED – Automated External Defibrillator  
ESD – European Scientific Diver issued by AIOSS (Italian Association for scientific divers)  
AESD – Advanced European Scientific Diver issued by AIOSS (Italian Association for scientific divers)

I authorise the processing of my personal data for personnel research and selection purposes under D.Lgs. n.196 of 30/06/2003.

Place and Data

Turin, October 5, 2017

Signature

A handwritten signature in black ink, appearing to read 'Nicola Nurra', written over the 'Signature' label.