

Dr.ssa LAURA LA GATTUTA
Curriculum vitae et studiorum



Affiliation:

Institute for Anthropic Impacts and Sustainability in
the marine environment (IAS-CNR)
National Council of Research (CNR)

ex Complesso Roosevelt
Lungomare Cristoforo Colombo, 4521
90149 - Loc. Addaura – Palermo, Italy
Mobile: +39 3290771161
E-mail: laura.lagattuta@cnr.it

Born: Palermo, March 21th 1988

Employment: Technician
IAS-CNR since September 2018

Professional position:

December 2018 - Present
December 2014 – December 2018

Technician VI level indefinite time contract
Technician VI level fixed term contract

Education:

- 2017-2019 / Bachelor's degree in computer engineering and automation – University of Novedrate - Italy
- 2007 / High School Diploma at the Istituto Tecnico statale per il Turismo “Marco Polo”

Short profile:

Laura La Gattuta is a technician with technical expertise in administration of WebSite and related applications. She works the management of websites and applications related to them for the development of programming activities with HTML, CSS format, PHP, for maintenance, publication and updating of information content.

Working experience

(Since 2018) Technician Level IV, with indefinite time contract, at the Italian National Research Council – Institute for the Ambient Marine Coastal (CNR-IAMC):

- 2019 – Member of the IT support group. Responsibility for the following activities: Email account management @ ias.cnr.it; Domain management ias.cnr.it; Institution cloud management and user support
- 2019 - Technical-organizational support for the event "Areas with high environmental risk: from circular bioeconomy to regional strategies for sustainable development" held in Palermo at the Splendid Hotel la Torre on 24 September 2019.
- 2019 - Design and establishment of an INSPIRE database for the collection of previous and acquired data within the CISAS project, relating to chemical analyzes on terrestrial and marine environmental matrices of the SIN of Priolo, Milazzo, Crotone. Specifically, a database was designed for the collection of chemical data relating to the three SIN areas according to the INSPIRE protocol. The Database was designed on Excel, using the WFD 2016 database as a basis, and structured so as to contain all the information useful

for identifying the sampling station and for describing the type of sample and the data acquired.

- 2019 – Member of Underwater Scientific Operators Group

▪
(2014-2018) Technician Level IV, with fixed-term contract, at the Italian National Research Council – Institute for the Ambient Marine Coastal (CNR-IAMC):

2017 - Assignment website creation “www.iamc.cnr.it/biogeochemistry” a site of the "Group of Marine Biogeochemistry" of the IAMC.

2017 - Assignment website creation “www.cisas.cnr.it” for the project "Centro Internazionale di Studi avanzati su Ambiente, ecosistema e Salute umana (CISAS)"

2016 - Assignment website creation “www.magnot.cnr.it” for the project "Sistema Integrato per il Monitoraggio e la Tutela dell’Ambiente Urbano, Extraurbano e Marino (MAGINOT)" (PON01_02309)

2016- Assignment of the new website of the Institute for the Coastal Marine Environment (IAMC) www.iamc.cnr.it.

2016-2015 - Programmer and administrator of web portals and related applications within the project "Sistema Informatico dell'Osservatorio della Biodiversità della Sicilia " approved with DDG n.869 of the Sicilian Region - Department of Territory and Environment - CUP B12I13000080006:

- Design and implementation of the network infrastructure;
- Realization of the booking system for visits to the physical observatory; Interfacing with the PO-FESR project: " Sistema di Comunicazione, Informazione e Diffusione che produrrà contenuti, conoscenza, apparati testuali, percorsi didattici e conoscitivi, coinvolgendo scuole, visitatori adulti e turisti " to re-elaborate and extend content;
- Design and integration of BIOGIS software for data collection from bibliographic sources and field monitoring activities.
- Creation of a platform, called GeoNetwork, for displaying metadata; The implementation required the drafting of PHP and Java code for the modification of the selected software platforms and the implementation of metadata using INSPIRE standards, ISO 19115, Dublin Core, etc in XML;
- Implementation of a WebGIS for the publication and use of geo-referenced biodiversity information;
- In collaboration with ARTA, she helped to identify the Management Plans in possession of the Territorial and Environmental Department of the Sicilian Region for the extraction of information regarding the biodiversity contained in them. The geo-referenced material already present in digital format was imported into WMS services and work began to homogenize the coordinate systems and the production of summary thematic maps.
- Collaboration in the various stages of development of the Ticketing platform, a web service designed to manage the progress and software problems of all the Observatory's information services.
-

(2013-2014) Fixed term contract at the Italian National Research Council – Institute of biomedicine and molecular immunology "Alberto Monroy" (IBIM) “Organization and management of experimental biomedical protocols through open source Current Management System (CMS), for the realization of a Laboratory according to the Quality Management System and the ISO 9000-9001 standards and compliant with Legislative Decree 81 of 9 / 3/2008 on the safety of research laboratories”.

(2011-2012) Performance contract at Secondary school “M. Buonarroti” for creation of database for the archiving of the library inventory.

(2011-2012) Fixed term contract at “Le Rondini” Cultural Association Expert in the Laboratory called "Street view”.

(2003-2007) Training and orientation project IFOA at Optissimo Gruppo Randazzo in marketing office.

Oceanographic surveys:

(2015) Acuscal 2015: Oceanographic cruise aimed to the collection of zooplankton samples through the use of BONGO 40 and Multi-Plankton Sampler screens, the use of a multiparameter CTD probe, the collection of water samples taken with Niskin bottles.

(2015) Ancheva 2015: Electroacoustic evaluation of the abundance and distribution of small pelagic fish in the Strait of Sicily in relation to environmental data. Data input on database computer system. Use of multi-parameter CTD probe, participation in fishing operations. Recognition and analysis by size classes of the main fish species, with particular regard to pelagic species. Analysis of adult specimens of small pelagics for the determination of size, weight, sex and sexual maturity; otolith extraction.

(2016) Ancheva 2016: Electroacoustic evaluation of the abundance and distribution of small pelagic fish in the Strait of Sicily in relation to environmental data. Data input on database computer system. Use of multi-parameter CTD probe, participation in fishing operations. Recognition and analysis by size classes of the main fish species, with particular regard to pelagic species. Analysis of adult specimens of small pelagics for the determination of size, weight, sex and sexual maturity; otolith extraction.

(2016) Evatir 2016: Electroacoustic evaluation of the abundance and distribution of small pelagic fish in the Tyrrhenian Sea in relation to environmental data. Data input on database computer system. Use of multi-parameter CTD probe, participation in fishing operations. Recognition and analysis by size classes of the main fish species, with particular regard to pelagic species. Analysis of adult specimens of small pelagics for the determination of size, weight, sex and sexual maturity; otolith extraction.

(2017) Solvay II 2017: Oceanographic cruise aimed to the collection of sediments and seawater (along the water column), together with environmental data, in the coastal marine area in front of the Solvay industry (Rosignano, Livorno). The fluxes at the interfaces between sediments, seawater and atmosphere were investigated using a benthic chamber and a dynamic accumulation chamber on May 2017.

(2017) Ancheva 2017: Electroacoustic evaluation of the abundance and distribution of small pelagic fish in the Strait of Sicily in relation to environmental data. Data input on database computer system. Use of multi-parameter CTD probe, participation in fishing operations. Recognition and analysis by size classes of the main fish species, with particular regard to pelagic species. Analysis of adult specimens of small pelagics for the determination of size, weight, sex and sexual maturity; otolith extraction.

(2017) Evatir 2017: Electroacoustic evaluation of the abundance and distribution of small pelagic fish in the Tyrrhenian Sea in relation to environmental data. Data input on database computer system. Use of multi-parameter CTD probe, participation in fishing operations. Recognition and analysis by size classes of the main fish species, with particular regard to pelagic species. Analysis of adult specimens of small pelagics for the determination of size, weight, sex and sexual maturity; otolith extraction.

(2017) Cisas I 2017: Oceanographic cruise aimed to the collection of seawater (along the water column) with the use of a CTD (multiparameter probe) and collection of sediments with the Box-Corer in the coastal marine area in front of Augusta and Priolo.

(2017) Cisas II 2017: Oceanographic cruise aimed to the collection of seawater (along the water column) with the use of a CTD (multiparameter probe) and collection of sediments with Box-Corer in the coastal marine area in front of Crotona.

(2018) Cisas 2 2018: Oceanographic cruise aimed to the collection of seawater (along the water column) with the use of a CTD (multiparameter probe) and collection of sediments with Box-Corer in the coastal marine area in front of Milazzo.

(2018) S.O.S Piattaforme 2018: Oceanographic cruise aimed to the sampling of the production waters pre- and post-treatment of the discharges of the platforms present in the Adriatic Sea. Samples are filtered for analysis of trace elements.

(2018) Evatir 2018: Electroacoustic evaluation of the abundance and distribution of small pelagic fish in the Tyrrhenian Sea in relation to environmental data. Data input on database computer system. Use of multi-parameter CTD probe, participation in fishing operations. Recognition and analysis by size classes of the main fish species, with particular regard to pelagic species. Analysis of adult specimens of small pelagics for the determination of size, weight, sex and sexual maturity; otolith extraction.

(2018) Solvay II 2018: Oceanographic cruise aimed to the collection of sediments and seawater (along the water column), together with environmental data, in the coastal marine area in front of the Solvay industry (Rosignano, Livorno). The fluxes at the interfaces between sediments, seawater and atmosphere were investigated using a benthic chamber and a dynamic accumulation chamber on September 2018.

(2018) Solvay III 2018: Oceanographic cruise aimed to the collection of sediments and seawater (along the water column), together with environmental data, in the coastal marine area in front of the Solvay industry (Rosignano, Livorno). The fluxes at the interfaces between sediments, seawater and atmosphere were investigated using a benthic chamber and a dynamic accumulation chamber on November 2018.

(2019) S.O.S Piattaforme II 2019: Oceanographic cruise aimed to the sampling of the production waters pre- and post-treatment of the discharges of the platforms present in the Adriatic Sea. Samples are filtered for analysis of trace elements.

(2019) Idmar 2019: Electroacoustic evaluation of the abundance and distribution of small pelagic fish in the Tyrrhenian Sea in relation to environmental data. Data input on database computer system. Use of multi-parameter CTD probe, participation in fishing operations. Recognition and analysis by size classes of the main fish species, with particular regard to pelagic species. Analysis of adult specimens of small pelagics for the determination of size, weight, sex and sexual maturity; otolith extraction.

(2020) Solvay 2020: Oceanographic cruise aimed to the collection of sediments and seawater (along the water column), together with environmental data, in the coastal marine area in front of the Solvay industry (Rosignano, Livorno). The fluxes at the interfaces between sediments, seawater and atmosphere were investigated using a benthic chamber and a dynamic accumulation chamber on February 2020.

Scientific publications on international journals

Salvatore Aronica, Ignazio Fontana, Giovanni Giacalone, Gualtiero Basilone, Laura La Gattuta, Maurizio Pulizzi, Simona Genovese, Salvatore Mangano, Pietro Calandrino, Salvatore Mazzola, Angelo Bonanno (2017) [*ISAFETY-Integrated system for an automatic support to fishing vessel security*](#) . Article. IAMC-CNR, Capo Granitola.

Technical reports

1. La Gattuta, Laura and Langiu, Alessio and Storniolo, Pietro and Sprovieri, Mario (2019) [*ART4SOS - Terminale remoto per il sistema di osservazione dei sensori*](#). Technical Report. IAS – CNR.
2. Oliveri, Elvira and Placenti, Francesco and Sabatino, Nadia and Giaramita, Luigi and Buffa, Gaspare and Tancredi, Vincenzo and La Gattuta, Laura and Bulfamante, Francesca and Ribotti, Alberto and Garaventa, Francesca and Borghini, Mireno (2018) [*SOS - Piattaforme e Impatti Offshore Report tecnico. I Campagna oceanografica 13-19 maggio 2018*](#). Technical Report. IAS-CNR, Capo Granitola.
3. Bonanno, Antonio and Basilone, Gualtiero and Ferreri, Rosalia and La Gattuta, Laura and Fontana, Ignazio and Mangano, Salvatore and Bulfamante, Francesca and Langiu, Alessio and Chirco, Pierangela and Cavalca, Jessica Caterina and Calandrino, Pietro and Pulizzi, Maurizio and Genovese,

- Simona and Giacalone, Giovanni and Barra, Marco and Gargano, Antonella and Tancredi, Vincenzo and Al Tayeb Sharif, Ehab A. and Mazzola, Salvatore (2018) [Relazione tecnica sulle attività della Campagna oceanografica "Ancheva 2016"](#). Technical Report. IAMC-CNR, Capo Granitola.
4. Bonanno, Antonio and Basilone, Gualtiero and Genovese, Simona and Gargano, Antonella and Fontana, Ignazio and Uzzo, Giancarlo and Asaro, Maria and Al Tayeb Sharif, Ehab and Bonanno, Gaia and Calandrino, Pietro and Pulizzi, Maurizio and Bonanno, Angelo and Giacalone, Giovanni and Barra, Marco and Mangano, Salvatore and Bulfamante, Francesca and La Gattuta, Laura and Ferreri, Rosalia and Falco, Francesca and Cavalca, Jessica Caterina and Di Salvo, Salvatore and Chirco, Pierangela and Mazzola, Salvatore (2018) [Relazione tecnica sulle attività della campagna oceanografica "Ancheva 2017"](#). Technical Report. IAMC-CNR, Capo Granitola.
 5. Bonanno, Antonio and Pulizzi, Maurizio and Mangano, Salvatore and Giacalone, Giovanni and Fontana, Ignazio and Genovese, Simona and Basilone, Gualtiero and Bonanno, Angelo and Ferreri, Rosalia and Falco, Francesca and Bulfamante, Francesca and Cavalca, Caterina Jessica and Di Maio, Federico and Calandrino, Pietro and Di Salvo, Salvatore and Pernice, Riccardo and Gargano, Antonella and La Gattuta, Laura and Gilardi, Maria Carla and Langiu, Alessio and Barra, Marco and Tranchida, Giorgio and Mazzola, Salvatore (2018) [Relazione tecnica sulle attività della campagna oceanografica "Evatir 2016"](#). Technical Report. IAMC-CNR, Capo Granitola.
 6. Bonanno, Antonio and Basilone, Gualtiero and Fontana, Ignazio and Gargano, Antonella and La Gattuta, Laura and Manco, Ilenia and Scannella, Danilo and D'Accardi, Emiliano and Bonanno, Gaia and Dara, Mariano and Di Salvo, Salvatore and Pulizzi, Maurizio and Bonanno, Angelo and Barra, Marco and Fiorelli, Sandro and Giacalone, Giovanni and Bulfamante, Francesca and Ferreri, Rosalia and Mangano, Salvatore and Giaramita, Luigi and Bellante, Antonio and Calandrino, Pietro and Cavalca, Jessica Caterina and Mazzola, Salvatore (2018) [Relazione tecnica sulle attività della campagna oceanografica "Evatir 2017"](#). Technical Report. IAMC-CNR, Capo Granitola.
 7. La Gattuta, Laura and Barsanti, Mattia and Bellante, Antonio and Bulfamante, Francesca and Conte, Fabio and Gagliano, Antonina Lisa and Oliveri, Elvira and Patti, Carlo and Placenti, Francesco and Sabatino, Nadia and Santinelli, Chiara and Schirone, Antonio and Tancredi, Vincenzo and Torri, Marco and Sprovieri, Mario and Bachi, G. and Galletti, Y. (2018) [Rapporto tecnico sulle attività di campionamento della "Campagna Oceanografica CISAS 2" Crotone 07-12 dicembre 2017](#). Technical Report. IAMC-CNR.
 8. La Gattuta, Laura and Buscaino, Carmelo and Bellante, Antonio and Bonsignore, Maria and Bulfamante, Francesca and De Luca, Biagio and Gagliano, Antonina Lisa and Giosuè, Cristina and Patti, Carlo and Sabatino, Nadia and Sprovieri, Mario and Tancredi, Vincenzo and Torri, Marco and Traina, Anna and Salvagio Manta, Daniela (2017) [Rapporto tecnico sulle attività di campionamento della "Campagna Oceanografica CISAS 1" Augusta-Priolo 19-23 ottobre 2017](#). Technical Report. IAMC-CNR, Capo Granitola.
 9. La Gattuta, A. Langiu, G. Giacalone, I. Fontana, S. Genovese, M. Pulizzi, S. Mangano, A. Bonanno, G. Basilone, P. Rumolo, R. Ferreri, M. Calabrò, A. Gargano, M. Barra, S. Aronica, A. Di Maria, S. Fiorelli, P. Chirco, P. Calandrino, B. Patti, S. Mazzola. (2016) [Piattaforma per l'inserimento dei parametri di campionamento del Bongo e della Calvet sul Sistema Informativo di Capo Granitola](#). Technical Report. IAMC-CNR, Capo Granitola.
 10. Fontana, G. Giacalone, S. Genovese, M. Pulizzi, S. Mangano, , A. Bonanno, G. Basilone, P. Rumolo, R. Ferreri, M. Calabrò, A. Gargano, M. Barra, S. Aronica, A. Di Maria, S. Fiorelli, P. A. Chirco, P. Calandrino, L. La Gattuta, S. Mazzola. (2016) [Rapporto tecnico sulle attività della Campagna Oceanografica "MedSudMed Libya 2008" e primi risultati](#). Technical Report. IAMC-CNR, Capo Granitola.
 11. Mangano, Salvatore and Pulizzi, Maurizio and Gargano, Antonella and Giacalone, Giovanni and Fontana, Ignazio and La Gattuta, Laura and Calandrino, Pietro and Langiu, Alessio and Biondo, Girolama and Genovese, Simona and Ferreri, Rosalia and Basilone, Gualtiero and Aronica, Salvatore and Bonanno, Angelo and Rumolo, Paola and Barra, Marco and Mazzola, Salvatore (2015) [Relazione tecnica sulle attività della campagna oceanografica "Ancheva 2015"](#). Technical Report. CNR -- Consiglio Nazionale delle Ricerche -- Istituto per l'ambiente marino costiero.

12. Gargano, Antonella and Mangano, Salvatore and Pulizzi, Maurizio and Giacalone, Giovanni and Fontana, Ignazio and Basilone, Gualtiero and Bonanno, Angelo and Ferreri, Rosalia and Aronica, Salvatore and La Gattuta, Laura and Calandrino, Pietro and Fiorelli, Sandro and Spatola, Daniele and interbartolo, Francesco and Mazzola, Salvatore [Rapporto tecnico sulle attività della Campagna Oceanografica "ACUSCAL 2015"](#). Technical Report. CNR -- Consiglio Nazionale delle Ricerche -- Istituto per l'ambiente marino costiero.
13. Gargano, Antonella and Mangano, Salvatore and Pulizzi, Maurizio and Giacalone, Giovanni and Fontana, Ignazio and Genovese, Simona and Basilone, Gualtiero and Bonanno, Angelo and Ferreri, Rosalia and Rumolo, Paola and Barra, Marco and Aronica, Salvatore and La Gattuta, Laura and Di Maria, Antonino and Calabro, Monica and Fiorelli, Sandro and Mazzola, Salvatore [Relazione tecnica sulle attività della Campagna Oceanografica "Ancheva 2014"](#). Technical Report. CNR -- Consiglio Nazionale delle Ricerche -- Istituto per l'ambiente marino costiero.
14. Mangano, Salvatore and Pulizzi, Maurizio and Gargano, Antonella and Giacalone, Giovanni and Fontana, Ignazio and La Gattuta, Laura and De Luca, Biagio and Di Maria, Antonino and Tranchida, Giorgio and Patti, Carlo and Buscaino, Carmelo and Calabrò, Monica and Genovese, Simona and Ferreri, Rosalia and Basilone, Gualtiero and Aronica, Salvatore and Bonanno, Angelo and Rumolo, Paola and Barra, Marco and Mazzola, Salvatore [Relazione tecnica sulle attività della campagna oceanografica "Evatir 2011"](#). Technical Report. CNR -- Consiglio Nazionale delle Ricerche -- Istituto per l'ambiente marino costiero.
15. Pulizzi, Maurizio and Mangano, Salvatore and Giacalone, Giovanni and Fontana, Ignazio and Genovese, Simona and Basilone, Gualtiero and Bonanno, Angelo and Rumolo, Paola and Aronica, Salvatore and Ferreri, Rosalia and Gargano, Antonella and La Gattuta, Laura and Patti, Carlo and Tancredi, Vincenzo and Langiu, Alessio and Tranchida, Giorgio and Calabrò, Monica and Barra, Marco and Fiorelli, Sandro and Mazzola, Salvatore [Relazione tecnica sulle attività della campagna oceanografica "Evatir 2015"](#). Technical Report. CNR -- Consiglio Nazionale delle Ricerche -- Istituto per l'ambiente marino costiero.