

Personal information

Surname(s) / First name(s) Renzi Paola

Address(es)

Telephone(s)

E-mail(s)

Nationality(-ies)

Date of birth

Birth place

Gender

Degree

Work experience

Dates May 2006 – onwards

Occupation or position held Researcher

Main activities and responsibilities - since 2006 work experience in reclamation and environmental remediation of polluted marine sites

- since 2017 work experience with the Emergency at Sea Team, involved in the activities of the accidental marine pollution response and environmental damage assessment: involved in national and local interventions following an oil spill.

Main topics carried out are:

- research and advisory activities related to control and restoration of polluted marine environments;
- environmental damage assessment;
- fate and behaviour of oil/HNS in the marine environment;
- shoreline Cleanup and Assessment Technique (SCAT);
- marine oil spill clean-up;
- contingency planning process and implementation.

During more than ten years of experience in ISPRA, she worked on the remediation of contaminated sites submitted to national and European legislation. She has also conducted field campaigns at sea.

Currently, she works with the marine environmental emergencies unit: in case of major maritime accidents provides the Ministry of environment with technical advice, coordinated cooperation of scientific institutions, rapid intervention capacity in response to marine accidental pollution environmental aspects, environmental restoration and damage assessment and illicit dumping activities.

Name and address of employer ISPR - National Institute for Environmental Protection and Research
Via V. Brancati 48 00144, Rome. Phone: (+39) 06. 50072702

Type of business or sector Public research institute supervised by the Italian Ministry of Environment.

Work Experience

EXERCISE RAMOGEPOL24, international anti-pollution exercise organized by the Ramoge Regional Agreement between France, Italy and Monaco. Simulation of accidental pollution at sea, the aim of this exercise was to strengthen cooperation and optimise the use of the intervention resources that can be mobilised by the three countries that are Parties to the Agreement
Viareggio, Italy, May 2024

Maritime Disaster Preparedness Advisory Mission to Sri Lanka, selected by the European Commission's Emergency Response Coordination Centre (ERCC) of DG - ECHO to join the team as Oil Spill Response at sea and on land and Risk Assessment expert
Sri Lanka 2-16 September 2023

EXERCISE RAMOGEPOL23, international anti-pollution exercise organized by the Ramoge Regional Agreement between France, Italy and Monaco. Simulation of accidental pollution at sea, the aim of this exercise was to strengthen cooperation and optimise the use of the intervention resources that can be mobilised by the three countries that are Parties to the Agreement
Toulon, France, May 10 2023

"Oil Spill" exercise (tier 2) for a prompt intervention in the event of an oil spill in the sea and by the coast, in collaboration with the National Civil Protection Department, the Prefecture of Foggia, the Italian Ministry of Environment
Lesina (FG), Italy, May 5 2023

Discussion-Based (DBX) EU MODEX on Marine Pollution, DG-ECHO, UCPM European Union Civil Protection Mechanism Training and Exercise Programme
Finland from 26 February to 3 March 2023

RAMOGEPOL22, anti-pollution exercise at sea and on land: simulation of accidental pollution at sea and on the coast with the aim of strengthen cooperation and optimise the use of the intervention resources that can be mobilised by the three countries that are Parties to the Ramoge Agreement.

Imperia (Italy) 4,5,6 October 2022

Technical expert for the review and update of the National Contingency Plans, 2021

Emergency at sea at national level for CSS removal in Piombino, 2020

RAMOGEPOL exercise 2018 : an accidental pollution simulation exercise in order to test the organisation, coordination and rapid response to a major incident coordinating anti-pollution operations at sea and on land with the Shoreline Cleanup and Assessment Technique (SCAT) 11-12-13 September 2018

Emergency for oil spill at local level Milazzo, 2018

Technical expert on emergency at sea for the marine environmental unit since 2017

Technical support on the restoration of the seafloor of the Giglio Island after the Costa Concordia incident, control of the activity of restoration of the seafloor and sediments management 2017-2020

Technical advice on environmental aspects, environmental restoration and damage assessment

Dates	2022 – onwards
Occupation or position held	Technical partner on European Project IRA-MAR “Improving the Integrated Response to pollution Accident at sea and chemical risk in port”
Main activities and responsibilities	Technical support to improve marine pollution preparedness and response. A holistic approach at the risks related to HNS in ports; and study the possibility of using drones to improve monitoring, detection and response capabilities of various pollutants.
Name and address of employer	European Civil Protection and Humanitarian Aid Operations – DG ECHO
Dates	2019 – June 2021
Occupation or position held	Technical partner on European Project WestMOPoCo ” Western Mediterranean Region Marine Oil and HNS Pollution Cooperation”
Main activities and responsibilities	Technical support on oil spill preparedness prevention and response system assessment
Name and address of employer	European Civil Protection and Humanitarian Aid Operations – DG ECHO
Dates	2010 – 2012
Occupation or position held	Technical support on Life+ Project SEDI.PORT.SIL
Main activities and responsibilities	Improving the implementation of EU environmental legislation on reuse and valorization of port dredged sediments
Name and address of employer	European Commission ENV.E4–LIFE Environment and Eco-innovation BU 92/1, B– 1049 Brussels
Type of business or sector	European Commission Project BEST LIFE ENVIRONMENT PROJECTS in 2013

Education and training

Dates	17 – 22 MARCH 2024, BLED, SLOVENIA
Title of qualification awarded	Environmental Expert
Principal subjects/Occupational skills covered	Environment and Emergencies Training (EET), organizzato da UNEP E UNOCHA/JEU in collaborazione con DG ECHO.
Name and type of organisation. providing organisation and training	Course on preparedness and response to environment emergencies United Nation Environment/ Programme - OCHA Joint Unit (JEU)
Dates	19 – 22 JUNE 2023, Ravenna, Italy
Title of qualification awarded	Technical Expert
Principal subjects/Occupational skills covered	Oil Pollution Preparedness, Response and Co-operation (OPRC) Model Course L. Level 2 (IMO equivalent)
Name and type of organisation. providing organisation and training	Course on preparedness and response to accidental marine pollution for Supervisors and On-Scene Commanders ENI – SAIPEM – Nautical Institute of London

<p>Dates</p> <p>Title of qualification awarded</p> <p>Principal subjects/Occupational skills covered</p> <p>Name and type of organisation providing organisation and training</p>	<p>26 February – 3 March 2023, Finland</p> <p>Technical Expert</p> <p>DBX EU MODEX on Marine Pollution Conference within the European Union Civil Protection Training and Exercise Programm</p> <p>European Civil Protection and Humanitarian Aid Operations – DG ECHO</p>
<p>Dates</p> <p>Title of qualification awarded</p> <p>Principal subjects/Occupational skills covered</p> <p>Name and type of organisation providing organisation and training</p>	<p>17- 18 June 2021 on line</p> <p>Technical Expert</p> <p>Seminar for Mechanism Experts (SME) within the Union Civil Protection Mechanism Training Programme</p> <p>European Civil Protection and Humanitarian Aid Operations – DG ECHO</p>
<p>Dates</p> <p>Title of qualification awarded</p> <p>Principal subjects/Occupational skills covered</p> <p>Name and type of organisation providing organisation and training</p>	<p>2 – 8 November 2019, Austria</p> <p>Technical Expert</p> <p>Technical Experts Course (TEC) 17.3 within the Union Civil Protection Mechanism Training Programme</p> <p>European Civil Protection and Humanitarian Aid Operations – DG ECHO</p>
<p>Dates</p> <p>Title of qualification awarded</p> <p>Principal subjects/Occupational skills covered</p> <p>Name and type of organisation providing organisation and training</p>	<p>24-26 April 2019 REMPEC Valletta, Malta</p> <p>Trained on the use of an international tool to assess oil spill response planning and readiness</p> <p>Workshop “The Mediterranean sub-regionale workshop on the use of Readiness Evaluation Tool for Oil Spill – RETOS™ Evaluation tool for the oil spill contingency plans</p> <p>REMPEC, Malta</p>
<p>Dates</p> <p>Title of qualification awarded</p> <p>Principal subjects/Occupational skills covered</p> <p>Name and type of organisation providing organisation and training</p>	<p>11-12-13 September 2018</p> <p>Trained on international Agreement</p> <p>RAMOGEPOL exercise 2018 : an accidental pollution simulation exercise in order to test the organisation, coordination and rapid response to a major incident coordinating anti-pollution operations at sea and on land with the Shoreline Cleanup and Assessment Technique (SCAT)</p> <p>Secretariat of the RAMOGE Agreement</p>
<p>Dates</p> <p>Title of qualification awarded</p> <p>Principal subjects/Occupational skills covered</p> <p>Name and type of organisation providing organisation and training</p>	<p>2009</p> <p>Professional updating on reclamation of contaminated sites</p> <p>Environmental training courses-: Contaminated Sites: Characterization, Reclamation and Risk Analysis</p> <p>ISPRA, Rome</p>
<p>Dates</p> <p>Title of qualification awarded</p> <p>Principal subjects/Occupational skills covered</p> <p>Name and type of organisation providing organisation and training</p>	<p>2007</p> <p>Professional updating on reclamation of polluted sites</p> <p>Reclamation of polluted sites</p> <p>SIGEA Società Italiana di Geologia Ambientale”, Rome</p>

Dates	1996 - 2006
Title of qualification awarded	Degree in Biotechnology.
Principal subjects/Occupational skills covered	Experimental thesis in environmental microbiology, <i>“Esplorazione di nuove nicchie ecologiche: caratterizzazione microbiologica comparata di tre aree diversamente inquinate del sito industriale dimesso di Bagnoli”</i> - 106/110
Name and type of organisation providing organisation and training	Facoltà di Scienze Agrarie, Università degli Studi di Bologna, Training: Enea –Casaccia, Rome

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s)

Self-assessment

European level ()*

English

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
Good	Excellent	Good	Good	Good

() Common European Framework of Reference (CEF) level*

Social skills and competences	Team work: she has worked in various types of teams. Her experiences includes team works in the field of research and European cooperation. She is very keen on travelling, particularly in developing countries and very interested in foreign cultures.
Organisational skills and competences	She took part in many activity on field for the restoration of contaminated sites and also in oil spills happened on the national territory, managing the field activities.
Technical skills and competences	She has experienced many cases of accidental marine pollution having been involved in several intervention together with the colleagues of ISPRA. She gives lectures on accidental marine pollution related matters in national and international courses, seminars and workshops.
Computer skills and competences	She is competent with most computer programmes for word processing, calculations, data bases management and photo/video post-processing, both in Windows® and Macintosh® operating systems.

Relevant Publications and Papers

2022	Il progetto “Poligoni-Poseidone”: Bioassay and biomarker contribution to a decision-making process concerning ordnance residuals on the coastal seafloor of a military firing range bioassay e biomarker per contribuire a decidere su residuati di origine militare dispersi sui bassi fondali di Capo Teulada (CA) - S. Giuliani, G. Molledo, D. Sartori, L. Alcaro, P. Renzi , G. Martuccio, B. Catalano, Maura Benedetti, Francesco Regoli, C. Numa, E. Amato 10a Edizione delle Giornate di Studio “Ricerca e Applicazione di Metodologie Ecotossicologiche” 28-29-30 settembre 2022 Lido di Camaiore (Lu)
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- 2021 "Environmental emergencies at sea: the case of the M/N "Costa Concordia"
Luigi Alcaro, Ezio Amato, Andeka De La Fuente Origlia, Stefano Di Muccio, Pierpaolo Giordano, Michela Mannozi, **Paola Renzi**, Valerio Sammarini.
ISPRA, Documenti Tecnici 2020 – ISBN 978-88-448-1024-5
- 2020 Realisation of four manuals (called "notebooks of environmental emergencies at sea") for Italian Ministry of Environment, useful to help Coast Guard and other Institutions involved following an accidental or operational oil/HNS spill:
- Appendice Quaderno n. 4 – Modalità di campionamento degli idrocarburi in mare e lungo la costa. Quaderni – Ricerca Marina n. 14/2020 ISBN 978-88-448-1003-0
- Quaderno 5 – La valutazione della contaminazione del litorale a seguito di oil spill Quaderni – Ricerca Marina n. 15/2020 ISBN 978-88-448-1004-7
Pierpaolo Giordano, Luigi Alcaro, Valerio Sammarini, Michela Mannozi, Stefano Di Muccio, Andeka De La Fuente Origlia, **Paola Renzi** ed Ezio Amato (ISPRA)
- 2020 "*Operazione Poseidone*", "*Evaluation of the needs for the removal of residuals of military origin from the seafloors facing the military terrestrial proving grounds in Capo Teulada (Sardinia) and Torre Veneri (Apulia)*", implementation of the "Framework agreement on environmental protection" stipulated between ISPRA and Stato Maggiore Esercito in March 2016.
Final Report
Amato E., Numa C., **Renzi P.**
ISPRA, Documenti Tecnici 2020 ISBN 978-88-448-1002-3
- 2012 "*Bioremediation of harbour sediments contaminated with organic compounds: microbial response and biodegradation efficiency.*"
Rocchetti L., Beolchini F., **Renzi P.**, Gabellini M., Dell'Anno A.
Environmental Engineering and Management Journal, 11(3) S19
- 2012 "*Regulations and sediment treatment technologies: state of the art baseline*"
Dastoli S., Geraldini S., Giaime F., **Renzi P.**
Project LIFE09 ENV/IT/000158 SEDI.PORT.SIL. Recovery of dredged SEDIments of the PORT of Ravenna and SILicon extraction
- 2012 "*Tools For Management Of Dredged Sediments In Italy*"
NORDROCS 2012 4th Joint Nordic Meeting on Remediation of Contaminated Sites
September 2012 Oslo, Norway.
S. Dastoli, S. Geraldini, F. Giaime, **P. Renzi**, A. Tornato
- 2011 "*Mercury-resistant bacterial strains Pseudomonas and Psychrobacter spp. isolated from sediments of Orbetello Lagoon (Italy) and their possible use in bioremediation processes.*"
Milva Pepi, Carlo Gaggi, Emanuele Bernardini, Silvia Focardi, Arianna Lobianco, Marcella Ruta, Valentina Nicolardi, Margherita Volterrani, Simone Gasperini, Giuseppe Trinchera, **Paola Renzi**, Massimo Gabellini, Silvano E. Focardi.
International Biodeterioration & Biodegradation 65 (2011) 85-91
- 2010 "*Changes of bacterial diversity during anaerobic bioremediation of harbour sediments.*"
Rocchetti L., Dell'Anno A., Beolchini F., Luna G.M., Danovaro R., De Propris L., **Renzi P.**
Journal of Biotechnology, Volume 150, issue (November, 2010), p. 222-223. ISSN: 0168-1656 150(S), 222-223
- 2006 "*Comparison of microbial communities native to three differently polluted ecological niches in the industrial site of Bagnoli (Naples, Italy).*"
Anna Rosa Sprocati, Chiara Alisi, Flavia Tasso, **Paola Renzi**, Carlo Cremisini (2006)
Recent Research Developments in Multidisciplinary Applied Microbiology. Wiley-VCH. ISBN 3-527-31611-6

Personal data

The information here in is given in compliance with article 13 of Regulation (EU) 2016/679 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data (General Data Protection Regulation or GDPR)

Date and signature

17/07/2024