



Curriculum Vitae Europass

Personal Information

Nome / Surname	Maria Filomena Loreto	
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Telephone	+39 040 2140434	Mobile +39 349 4456571
Fax	+39 040 327307	
E-mail	mfloreto@ogs.trieste.it	
Nationality	Italian	
Date of birth	21 NOV. 1969	
Sex	Female	

Employment **Scientific Research**

Experiences

Date	15 Marc 2012
Position held	Researcher, Permanent Position
Main activities and responsibilities	The research is currently focused on the geo-hazards and tectonics analysis of submarine areas in the frame of the ISTEGE project which aims is to study the tectonic processes responsible of the 1905 earthquake that struck the western Calabrian margin. The final focus of this project is to evaluate the seismic hazard of the area. The geo-hazards characterization of the Calabrian region is performed trough the analysis of all geophysical data (Low and very high seismic resolution data, morpho-bathymetric data) integrated with the analysis of biological and oceanographic results. These results will be compared with the seismological modeling as shaking scenarios and tsunami.
Nome e indirizzo del datore di lavoro Tipo di attività o settore	ISMAR-CNR, U.O.S. di Bologna, via Gobetti, 101 Geologia / Geofisica della Litosfera
Date	1 GEN. 06 →
Position held	Researcher, Teplorary position
Main activities and responsibilities	The research is currently focused on the geo-hazards and tectonics analysis of submarine areas. She is the Principal Investigator of the ISTEGE project which aims is to study the tectonic processes responsible of the 1905 earthquake that struck the western Calabrian margin. The final focus of this project is to evaluate the seismic hazard of the area. Another topic of his research was the geological storage of CO2 (CCS) . In particular, it concerns the study of identifying potential sites for geological storage based on the characteristics / structures of the investigated areas. The site analysis is done using multi-channel 2D and 3D seismic data integrated with well drilled information. Moreover, she worked on geological and geophysical characterization and quantification of gas hydrate reservoir located along the continental slope of the Antarctic Peninsula. To perform this study an unconventional multichannel seismic data processing was performed to produce reliable interval seismic velocities. Moreover, passive subduction , along the remnant Phoenix plate, and active subduction processes, along the Southern Chile Margin, were been analyzed using geophysical data. These studies were performed by using low and medium-resolution MCS, chirps and Multibeam data.

Name and address of employer	National Institute of Oceanography and Experimental Geophysics - OGS, Borgo Grotta Gigante 42/C, Sgonico (Trieste) - Italy
Area	Geophysics of the Lithosphere
Date	15 MAR. 05 - 31 DIC. 05
Position held	Research Fellowship
Main activities and responsibilities	Research activities consisted in processing and analysis of geophysical data aimed at studying the passive subduction of the Phoenix plate, seismic data processing for the analysis of gas hydrates off the Antarctic Peninsula.
Name and address of employer	National Institute of Oceanography and Experimental Geophysics - OGS, Borgo Grotta Gigante 42/C, Sgonico (Trieste) - Italy
area	Geophysics of the Lithosphere
Date	1 GEN. 02 - 31 DIC. 04
Position held	PhD
Main activities and responsibilities	The Activity is consisted in the processing and analysis of geophysical data to study the processes of subductions offshore the coast of Tierra del Fuego and its implications. The unconventional data processing (Pre-Stack Depth Migration) was performed in the GEOMAR institute (Kiel - Germany) in the frame of the IHP program (supported by the EC).
Name and address of employer	University of Parma, Area Parco delle Scienze, 43100 & ISMAR- Bologna – CNR, Via Gobetti, 1, 40135 Bologna
area	Marine Geology
Date	4 APR. 00 - 31 DIC. 01
Position held	Scholarship
Main activities and responsibilities	Topic: Study of the subduction processes offshore the Southern Chile. The activity consisted in the analysis of seismic data to study the interaction processes between the Antarctic and South American plates.
Name and address of employer	ISMAR- Bologna – CNR, Via Gobetti, 1, 40135 Bologna
Area	Marine Geology
Date	3 GIU. 98 - 30 NOV. 98
Position held	Collaboration
Main activities and responsibilities	Processing of Multibeam for the study of the ocean floor aimed at the laying of cables.
Name and address of employer	GAS s.a.s. "Geological Assistance & Services" di G. Gasparini & C., Pianoro (Bologna) – Italy.
Area	Geophysical Exploration
Education	
Date	1 GEN. 02 - 6 MAG. 05
Qualification awarded	PhD - Title: "Analisi dei processi di subduzione della placca Antartica al largo del Cile Meridionale"
Professional Skills	Experience in seismic processing, interpretation and analysis of a geophysical data set. Analysis of the Chilean continental margin off the Tierra del Fuego.
Name of the organization providing education and training	University of Parma, Area Parco delle Scienze, 43100 in collaboration with the ISMAR-CNR Bologna, Via Gobetti, 101, Bologna.
Date	27 MAR. 98
Qualification awarded	Degree in Geological Science, achieved with a rating of 110/110. Title: "Elaborazione ed interpretazione di dati sismici multicanale al largo dell'Isola di Cefalonia (Grecia NO)".
Professional Skills	Structural geology and geophysics

Name of the organization providing education and training

University of Basilicata, Borgo Macchia Romana, 85100 Potenza - Italia

Personal Skills

native language

Italian

others

Self-evaluation
European Level ()*

English

French

Understanding				Spoken				Written	
Listening		Reading		Conversation		Speaking			
B1	Independent User	B2	Independent User	B1	Basic User	B1	Basic User	B2	Independent User
A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User

(*) [Common European Framework of Reference for Languages](#)

Technical skills

Processing: High and low resolution seismic and morpho-bathymetric data.

Use the following software: FOCUS-DISCO, Seismic Unix (SU), RaDexPro and SIRIUS-GXT, Surfer and GMT. Seismic tomography with Cat3D. Interpretation of seismic data by using Kingdom. Modelling of reservoir by using Jewel.

Knowledge of the following systems: windows, unix e linux.

Knowledge of the tools of files manipulation: awk

Basic knowledge of programming FORTRAN language

Licence

Driving license (B)

Others information

attendance in curises:

8. From 07/06 to 14/06/2012, "INVAS 12 Project". As Chirp and multibeam operator, and core technician assistant. Survey area: Southern Adriatic Sea. R/V Urania-CNR.

7. From 28/08 to 14/09/2010. "ISTEGE Project", As Principal Investigation (PI). Survey area: Gulf of Sant'Eufemia, Offshore Calabria (SE Tyrrhenian sea), R/V OGS-Explora.

6. From 1/10/2009 to 6/10/2009. "Gulf of Trieste 2009". As Chirp operator and seismic MCS data quality controls. Survey area: Gulf of Trieste, R/V OGS-Explora.

5. From 01-12-07 to 16-12-2007. "2007 Antarctic Marine Geological Survey". Survey area: offshore Penisola Antartica. R/V Yuzhmorgeologiva.

4. From 06-10 to 14-10-2005: "SADRI2005". R/V Urania-CNR. Survey area: Southern Adriatic Sea.

3. From 01-04 to 09-04-2004. "Antarctic/Scotia plates convergence off southern Chile". R/V OGS-Explora. Survey area: Offshore Southern Chile.

2. From 03-06-1998 to 30-11-1998. "Morpho-bathymetry survey to laying pipelines". R/V Nicolai Strakhov of Moscow's University. Survey area: Gibilterra-Azzorre channel, Southern Ionian sea, Corfù-Bar, clients: Elettra-Telecom, SnamProgetti, AGIP.

1. From 20-07 to 16-08-1996. "Seismo-tectonic study of the Apulian platform". R/V Urania-CNR. Survey area: Southern Adriatic Sea – Northern Ionian Sea.

Disseminations and articles in newspapers:

- Loreto M. F., Potenzialità del software KINGDOM nell'analisi di dati geofisici, esempi tratti dai dati acquisiti nel Golfo di Sant'Eufemia (progetto ISTEGE). ISMAR-CNR, U.O.S. Bologna, 30 Novembre 2012.
- Loreto et al., Un approccio multidisciplinare allo studio del terremoto storico del 1905 nel Golfo di S. Eufemia (Calabria tirrenica), il progetto ISTEGE. Seminario presso l'Univ. Di Trieste, Dip. Geoscienze e Georisorse, 16 Giugno 2011.
- Seminario: "I gas idrati: risorsa del futuro o causa di rischio ambientale?" tenuto presso l'Università degli studi di Trieste, Dip. Di Geoscienze. 27 Aprile 2010
- M. F. LORETO, L. FACCHIN, F. ZGUR, F. PETTENATI, I. TOMINI, D. DEPONDE, C. DE VITTOR, G. COSSARINI, D. SANDRON, OGS-EXPLORA PARTY, U. FRACASSI, 2011. Nuove immagini di vecchi terremoti: il rilievo geofisico nel Golfo di Sant'Eufemia (Calabria tirrenica). *Geoitalia*, v. 34.
- Papers and interview on journal, magazines, newspapers, on-line newspapers and TV in the

frame of the oceanographic survey in the Sant'Eufemai Gulf (Offshore Calabria) ISTEGE-project:
"il 24/08/2010

Ansa/Terremoti: ricercatori triestini studieranno sisma 1905 *

Gazzetta del Sud (online)/Lascia il porto in missione di ricerca l'OGS Explora *

RAI FVG/Servizio TV *

RAI FVG radio/ Intervista *

Il Friuli.it/ Sisma sotto esame *

Italia INformazione.com/ Sisma del 1908 a Messina, ricercatori ? studieranno origini terremoto *

Siciliamediaweb/ Sisma del 1908 a Messina, ricercatori studieranno origini terremoto *

Intorno a Messina.it/Seismo en Messina de 1908, exploradores buscan el origen del terremoto
25/08/2010

Il Piccolo/ Explora in Calabria per studiare i sismi

October 2010

La gazzetta del Sud/ paper

Blumar

On-line newspapers:

http://www.geologi.info/Parte-la-spedizione-Ogs-per-studiare-i-terremoti-e-gli-tsunami-sottomarini_news_x_5245.html

http://www.ricercaitaliana.it/primopiano/pp_dettaglio-267.htm

<http://www.sciencesystemfvg.it/index.php?page=5&idnews=3686&&page=5&idnews=3661>

<http://www.lameziaclick.com/notizie/in-primopiano/vogliamo-conoscere-meglio-la-pericolosita-sismica.html>

<http://www.ilgiornaledellaprotezionecivile.it/index.html?pg=1&idart=1751&idcat=1>

<http://www.lameziattiva.it/in-citta-lamezia-terme/la-nave-laboratorio-explora-cercara-di-scoprire-le-origini-del-terremoto-28082010.html>

<http://www.iloveserradifalco.com/wp/?p=139430> ”.

- “Antartide, vulcani d’energia”. Interview on “Qui-Turing” special “Dossier Darwin” by Turing Club. Genuary 2009.
- “Open Day 2008”, at the OGS (Trieste).
- “Porte Aperte sulla Ricerca: Clima e Vita”. Scientific Week 2004 at the ISMAR-CNR (Bologna).
- Seminar: Assetto morfo-strutturale del complesso di subduzione sud-cileno attraverso l’analisi dei dati di sismica multicanale. In the frame of the PhD courses, Earth Sciences. 19th Nov. 2003, at the Scientific Campus Univ. of Urbino.

PhD coordinator:

Dr. Ivan Vargas Cordero’s **PhD thesis co-supervisor**, in the frame of the “XX PhD of Environmental Science Research”. Title: Gas hydrate occurrence and morpho-structures along Chilean margin. Supervisor: Prof. R. Bartole, F. Fanucci and U. Tinivella.

Leader ship of the following research projects:

1. **ISTEGE Project:** Seismotectonic Investigation of the 8 September 1905 Earthquake (Mw 7.4) in the Gulf of Sant’Eufemia (offshore Calabria-Italy). PI: Dr. Maria Filomena Loreto. Prot. GDL/MFL 1214/09.
2. **Young Researcher Project**, co-founded by MIUR 2000. Title: Morpho-structural analysis of the Accretionary prisms: Southern Chile, Arco Rifano. PI: Maria Filomena Loreto. disciplinary sector GEO/02.
3. Research Project for the **IHP programme** (Access to Research Infrastructure). Application for the use of Pre-Stack Depth Migration with SIRIUS/GXT seismic software. Title: Deformation processes along the oblique convergent margin of Southern Chile.

Part of the committee for public competition:

On 29.06.2011 “Component and secretary of the committee for temporary position of III level Technologist”. Resolution n. 119/2011.

On 22.05.2012 “Component of the committee for Research Fellowship, Bando n° ISMAR – 10-2012-BO del 3 Maggio 2012”. Resolution n. 50/2012.

Scientific Publications

24. Loreto M.F., et al., 2012. Post-Messinian history of an active back-arc basin: The Sant'Eufemia Gulf (SE Tyrrhenian Sea, Italy). In preparation
23. Maria Filomena Loreto, Umberto Fracassi, Annalisa Franzo, Paola Del Negro, Fabrizio Zgur and Lorenzo Facchin, 2012. Approaching the potential seismogenic source of the 8 September 1905 earthquake: New geophysical, geological and biochemical data from the S. Eufemia Gulf (S Italy). *Marine Geology*, Under review
22. Bo M., S. Canese, C. Spaggiari, A. Pusceddu, M. Bertolino, M. Angiolillo, M. Giusti, M.F. Loreto, E. Salvati, S. Greco, G. Bavestrello. 2012. Deep Coral Oases in the South Tyrrhenian Sea. *PLoS ONE* 7(11): e49870. doi:10.1371/journal.pone.0049870
21. Dario Civile; Emanuele Lodolo; Alessandro Vuan; Maria Filomena Loreto, 2012. Tectonics of the Scotia-Antarctica plate boundary constrained from seismic and seismological data. *Tectonophysics*, 550-553, 17-34, doi:10.1016/j.tecto.2012.05.002
20. Vargas Cordero I., Tinivella U., Accaino F., Fanucci F., Loreto M.F., Lascano M.E. and Reichert C., 2011. Basal and frontal accretion processes versus BSR characteristics along the Chilean Margin. *J. of Geological Research*, v. 2011, doi:10.1155/2011/846101
19. M. F. Loreto, F. Zgur, L. Facchin, U. Fracassi, F. Pettenati, I. Tomini, G. Cossarini, C. De Vittor, D. Sandron, and the Explora technicians team., 2011. In Search of New Imaging For Old Earthquakes: New Geophysical Survey offshore Calabria (southern Tyrrhenian sea, Italy). *BGTA*, Vol. 53. DOI 10.4430/bgta0046.
18. Maria Filomena Loreto and Umberta Tinivella, 2011. Gas hydrate versus geological features: the South Shetland case study. *Marine and Petroleum Geology*, *under review*.
17. M.F. Loreto, U. Tinivella, F. Accaino and M. Giustiniani, 2011. Gas hydrate reservoir characterization by geophysical data analysis (offshore Antarctic Peninsula) – *Energies*, 4, 39-56; doi:10.3390/en4010039
16. Loreto M. F., Tinivella U., Accaino F., Giustiniani M., 2009. Correlation between geological structures and gas hydrate amount offshore the South Shetland Island. (Eds) by *World Scientific Publishing Co., Advances in Geosciences, a book series Ocean Science*. In press.
15. Giustiniani M., Accettella D., Tinivella U., Loreto M. F. and Accaino F., 2009. Geographical information system applied to geophysical data to study gas hydrate. (Eds) by *World Scientific Publishing Co, Advances in Geosciences, a book series Ocean Science*, In press.
14. Fanucci F., Vargas Cordero I., Loreto M.F., Tinivella U., 2009. Modelli di accrezione del margine cileno centro-meridionale. *Rendiconti online Spc. Geol. It.*, v. 5, 93-94, 3ff.
13. Vargas Cordero I., Tinivella U., Fanucci F., Accaino F., Loreto M.F., 2009. Accretional style and its relationship to gas hydrate occurrence along Chilean margin. *XII Congreso Geologico Chileno, Santiago, 22-26 Novembre, 2009. Extended Abstract*.
12. Giustiniani M., D. Accettella, M. F. Loreto, U. Tinivella, F. Accaino, 2009. Geographic information system: an application to manage geophysical data. *71st EAGE Conference & Exhibition, Amsterdam, Netherlands, 8-11/06/2009. Extended Abstract*.
11. Vargas Cordero I., Tinivella U., Accaino F., Loreto MF, Fanucci F., 2009. Gas hydrates and free gas estimate from multichannel seismic data analysis, Southern Chile Margin. *71st EAGE Conference & Exhibition, Amsterdam, Netherlands, 8-11/06/2009. Extended Abstract*.
10. Vargas Cordero I., Tinivella U., Accaino F., Loreto MF, Fanucci F and Reichert C. J., 2009. Seismic evidences of gas hydrate presence offshore Arauco and Coyhaique (Chile). *Geo-Marine Letters*. DOI 10.1007/s00367-009-0171-5.
9. Vargas I., Tinivella U., Accaino F., Loreto MF, and Fanucci F., 2008. Gas hydrate and free gas occurrences offshore Coyhaique, Chilean margin. *Marine and Petroleum Geology*. Accepted
8. Della Vedova B., Accaino F., Loreto M.F., Tinivella U., 2007. Passive subduction of the Phoenix plate remnant at the South Shetland trench, Antarctic Peninsula, in Antarctica: A Keystone in a Changing World – Online Proceedings of the 10th ISAES X, edited by A.K. Cooper and C.R. Raymond et al., *USGS Open-File Report 2007-1047, Extended Abstract 084*, 4p.
7. Tinivella U., Loreto M.F. and Accaino F., 2009. Regional versus detailed velocity analysis to quantify hydrate and free gas in marine sediments: the South Shetland margin case study. *From: Long D., Lovell M.A., Rees J.G. & Rochelle C.A. (eds) Sediment-Hosted Gas Hydrates: New Insights on Natural and Synthetic Systems*. The Geol. Soc. of London, Special Publications, 319. 103-119.

6. Polonia A., L. Torelli, G. Brancolini, M.-F. Loreto, 2007. Tectonics accretion versus erosion along the southern Chile trench: Oblique subduction and margin segmentation. *Tectonics*, v. 26, TC3005, doi: 10.1029.2006TC001983. pp 30.
5. Loreto M.F., Tinivella U. and C.R. Ranero, 2007. Evidence for fluid circulation, overpressure and tectonic style along the Southern Chilean margin. *Tectonophysics*, v. 429, 183-200.
4. Loreto M.F., Della Vedova B., Accaino F., Tinivella U. and Accettella D., 2006. Shallow geological structures of the South Shetland trench, Antarctic Peninsula. *Ofioliti*, v. 31(2), 151-159.
3. Loreto M.F., Tinivella U., Accaino F. 2006. Gas hydrate and free gas occurrence vs climate changes and instability slopes from seismic data analysis. The south Shetland Margin case. *Proceedings: International Conference on climate Change and the Middle East past, present and future*. (eds) Y. Unal, Kahya C., Demirhan Bari D., Istanbul Technical University, Instanbul, Turkey.
2. Loreto M.F., Polonia A & Tinivella U., 2003. Southern Chile Accretionary Wedge: Correlation between the Proto-Deformation Zone and Overpressured fluids Evidenced by AVO Analysis. *Terra Antartica Reports*, v. 9, (p3).
1. Polonia A., Brancolini G., Loreto M.F. e Torelli L., 2001. The Accretionary Complex of Southernmost Chile from the analysis of multichannel seismic data. - *Terra Antartica*, v. 8(2), pages 87-98.

Technical / Science Reports

22. Civile Dario, Loreto Maria Filomena Loreto, Donda Federica, Volpi Valentina, Persoglia Sergio, 2012. Individuazione di siti idonei al sconfinamento Geologico della CO2 in un'area della Pianura Padana Occidentale. (Contratto n. 3500011452). Relazione 2012/.. GDL .. CO2GeSt.
21. Federica Donda, Valentina Volpi, Dario Civile, Maria Filomena Loreto, 2011. Geological and structural model of the Amedea structure (contract n. 1400050337). 2011/105 GDL 42 INGE dd. 24/10/2011.
20. Federica Donda, Valentina Volpi, Dario Civile, Maria Filomena Loreto, 2011. Geological modeling of the Serena structure at a local and regional scale. Geological modelling and seismic monitoring (contract n. 1400015683). OGS 2011/19 GDL 4 INGE.
19. Facchin L., Zgur F., Loreto M.F., Pettinati F., Soriani L., Tomini I., Deponte D., Caburlotto A., Pelos C., Sauli C., Cappelli G., Visnovic P., 2010. ISTEGER – Indagine Sismotettonica del Terremoto dell'8 settembre 905 (Mw 7.4) nel Golfo di Sant'Eufemia offshore tirrenico calabrese). Rapporto di campagna. Relazione OGS 2010/105 RIMA 19 ADEST.
18. Donda, F., Volpi, V., Civile, D., Loreto, M.F., 2010. Short report on the local static modeling of the "Serena" structure. Contract n. 1400015683 "Geological modeling and seismic monitoring". Relazione OGS 2010/70 GDL 28 INGE.
17. Volpi V., Donda F., Loreto M.F., Zgur F., Marchi M., Sauli C., Civile D., Diviaco P., Wardell N., Persoglia S., 2010. Realizzazione di un rilievo di sismica marina a riflessione nell'Alto Adriatico (contratto n. 14000013965). In Progetto ENEL – Sequestro della CO2. OGS 2010/69 RIMA 15 GEMAR.
16. Maria Filomena Loreto, 2010. Picking delle onde riflesse dei dati sismici 2d per la tomografia 3d - progetto carbosulcis (co2 recovery and storage). 2010/25 GDL 11 REDAS.
15. Maria Filomena Loreto, 2009. Variazioni laterali della Profondità del BSR nel Reservoir di Gas Idrato (Penisola Antartica). 2009/79 GDL 37 REDAS.
14. Maria Filomena Loreto, Umberta Tinivella. 2009. Modello preliminare di velocità 3D di un reservoir di gas idrato ottenuto dall'interpolazione di modelli 2D. 2009/78 GDL 36 REDAS.
13. Maria Filomena Loreto. 2009. Tomografia sismica applicata in un campo di coalbed, progetto carbosulcis (enhanced coalbed methane recovery and co2 geological storage). 2009/77 GDL 35 REDAS.
12. Umberta Tinivella, Flavio Accaino, Michela Giustiniani, Maria Filomena Loreto, Gianni Madrussani, Ivan Vargas Cordero, 2008. Progetto Mappatura e quantificazione dei gas idrati nelle aree di interesse ENI (MAQUAI) - Relazione finale. 2008/30 GDL 9 REDAS.
11. Ivan Vargas, Umberta Tinivella, Flavio Accaino, Maria Filomena Loreto, 2008. Advanced processing of seismic data to detect gas hydrate occurrence offshore Coyhaique, Chilean margin. 2008/ 110 GDL 33 REDAS.
10. Ivan Vargas, Umberta Tinivella, Flavio Accaino, M. Filomena Loreto, 2008. Multichannel seismic data and standard processing of seismic lines acquired along the Southern Chilean continental margin. 2008/62 GDL 14 REDAS.
9. M.F. Loreto, B. Della Vedova, F. Accaino, U. Tinivella, D. Accettella, 2008. Passive subduction of

the Phoenix plate remnant by seismic and morpho-bathymetry data analysis, Antarctic Peninsula. Research Report: OGS 2008/70 - GDL 18 REDAS.

8. Loreto M.F., Tinivella U., Accaino F., 2008. Migrazione Post-Stack in profondità di dati sismici acquisiti al largo della Penisola Antartica in prossimità di un reservoir di idrato. Technician Report: 2008/104-GDL 31 REDAS.

7. Loreto M.F., Tinivella U., Accaino F., 2008. Inversione di Velocità e Migrazione Pre-Stack in Profondità dall'analisi dei CIGs. Technician Report: OGS 2008/89 - GDL 24 REDAS

6. Loreto M.F., 2008. Processing to enhance the BSR presence, Seismic Data along the Continental Margin of the Antarctic Peninsula. Technician Report: OGS 2008/59 - GDL 13 REDAS

5. Loreto M.F., with the collaboration of J.K. Hong, U. Tinivella, M.K. Park, J. Lee, Scientist and Ship Crews, 2008. 2007 Antarctic Marine Geological Survey. Technician Report: OGS 2008/18 - GDL 4 REDAS.

4. Umberta Tinivella, Flavio Accaino, Michela Giustiniani, Maria Filomena Loreto, Gianni Madrussani, I.Vargas Cordero, 2007. Relazione 1 - Progetto MAQUAI : Mappatura e quantificazione dei gas idrati nelle aree di interesse ENI. 2007/92 GDL 21 REDAS

3. . M.F. Loreto, U. Tinivella e F. Accaino. Inversione Tomografica e Pre-Stack Depth Migration dei dati sismici a riflessione acquisiti al largo della Penisola Antartica. Technician Report: OGS 2006/56-GDL 19 REDAS dd. 14/7/2006.

2. Loreto M.F. - Analisi preliminare dei dati OBS acquisiti nei sedimenti marini al largo delle Isole Shetland Meridionali (Antartide). Technician Report: 14/2005 GDL.

1. M.F. Loreto. (2005). Acquisizione dati geofisici ad alta risoluzione nel bacino dell'Adriatico meridionale al largo dell'Albania (SADRI). Technician Report: 31/2005 GDL.

Workshops and Conferences

59. Maria Filomena Loreto, Denis Sandron, Annalisa Franzo, Paola Del Negro, Fabrizio Zgur, Lorenzo Facchin, Umberto Fracassi, Domenico Ridente, Francesco Italiano & Yeliz Iscan. A multidisciplinary approach to the 8 September 1905 earthquake study (offshore Eastern Calabria), the ISTEGE project. 86° Congresso SGI – Il Mediterraneo un archivio geologico tra passato e present, Arcavate di Rende (CS), 18-20 Settembre 2012.

58. A. Franzo, A. Karuza, C. Comici, C. De Vittor, D. Civile, V. Kovacevic, D. Deponte, M.F. Loreto, P. Del Negro. Distribuzione dei procarioti lungo le strutture sismogenetiche del golfo di Sant'Eufemia. 43° Congresso della Società Italiana di Biologia Marina di Camerota (SA), 4-8 Giugno 2012.

57. M.F. Loreto, D. Civile, D. Sandron, M. Zecchin, F. Zgur, L. Facchin, I. Tomini, U. Fracassi, D. Ridente. Evidenze sismo-tettoniche nel Golfo di Sant'Eufemia (Tirreno meridionale) e possibili implicazioni sulla sorgente del terremoto dell'8 Settembre 1905. 30° GNGTS, 14-17/11/2011, Trieste (Italy).

56. D. Sandron, M.F. Loreto, U. Fracassi, P. Suhadolc. Ground shaking scenarios: The 8 September 1905 earthquake in the Gulf of Sant'Eufemia, offshore western Calabria (Southern Tyrrhenian sea, Italy). 30° GNGTS, 14-17/11/2011, Trieste (Italy).

55. Loreto Maria Filomena, Zgur Fabrizio, Pettenati Franco, Facchin Lorenzo, Fracassi Umberto, Tomini Isabella. Active tectonics and potential seismogenic behavior of newly imaged structures in the Gulf of Santa Eufemia (southern Italy). EGU 2011, Vienna (Austria), 4-8 April, vol. 13.

54. M.F. Loreto, A. Caburlotto, G. Cossarini, D. Deponte, C. De Vittor, L. Facchin, U. Fracassi, C. Pelos, F. Pettenati, D. Sandron, C. Sauli, L. Sormani, I. Tomini P. Visnovic, G. Cappelli e F. Zgur. Progetto ISTEGE - Indagine Sismotettonica del TERremoto dell'8 Settembre 1905 (Mw 7) nel Golfo di Santa Eufemia (offshore tirrenico calabrese) – Risultati della crociera di acquisizione dati. 29° GNGTS, Prato (Italia), 26-28 Ottobre 2010.

53. Accettella, D., Accaino, F., Della Vedova, B., Giustiniani, M., Loreto M.F., Rebesco M. and Tinivella, U.. Integration and analysis of multibeam bathymetry west of Antarctic Peninsula: inventory of new volcanoes, seamounts and mud-volcanoes. SCAR XXXI & Open Science Conference, Buenos Aires – Argentina, 3-6 August 2010

52. M.F. Loreto, U. Tinivella, F. Accaino, M. Giustiniani, 2009. Geophysical characterization of a gas hydrate reservoir present offshore Antarctic Peninsula. 28° GNGTS, 16-19 Novembre 2009, Trieste.
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1. Argnani A., Loreto M.F., Ligi M., Frugoni F. e Mele G. (1998) - Geologia marina e tettonica della Linea di Cefalonia. XVII – GNGTS, Novembre 1998, Roma (Italy).

Courses and seminars:

JewelSuite 2009 User course, *Basic Workflow Training Course*. 4-6 July **2010**

Kingdom User course interpretation and management of geophysical data. 24-26 November 2009, Trieste.

Italia-Corea Workshop to promote bilateral cooperations, "Gas Hydrate". 24 November 2008, Modena (Italy).

"Training course for evaluators of project proposals of the Seventh Framework Programme for Research and Technological Development". Organized by the APRE- FVG, 16 December 2008, Udine (Italy).

Pialli School "Use of Geological fracture mechanics for analysis of regional tectonics". By Prof. Terry Engelder. 21 - 24 September. 2004, at the Univ. of Perugia.

Workshop in "Scienze della Terra in Antartide" – organized by the PNRA and Univ. of Siena. 30 Sept. - 2 Oct- 2002, at the Certosa di Pontignano (Siene).

User course LINUX. May 2002, at the ISMAR-Bologna CNR.

Seminar: source to sink sediment transport and stratigraphic modeling. By Prof. James P. Syvitski. 25 - 27 March 2002, at the ISMAR-Bologna CNR.

“Oil & Gas: problems, research, tools in the HPC field” workshop. 13 - 15 Nov. 2001, at the CINECA (Bologna).

“Section balancing and structural analysis with 2DMove and 3DMove (Midland Valley)” course 25 - 29 Sept. 2000, at the Univ. of Urbino.

“CARAIBES (IFREMER)” course for Bathymetric data processing. 12 - 15 May 1998, at the ISMAR-Bologna CNR.

Dichiaro che tutto quanto riportato nel presente curriculum corrisponde al vero; dichiaro di essere consapevole delle sanzioni penali nelle quali incorro per dichiarazioni mendaci secondo l’art. 76 DPR 445/2000.

Date, 19/05/2011

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