

## CURRICULUM VITAE ET STUDIORUM

**Francesca Alvisi**

### PERSONAL DETAILS

Work address: Institute for Marine Sciences (ISMAR), National Research Council (CNR)  
Section of Bologna, Via Gobetti 101, 40129 Bologna, Italy

### CURRENT POSITION

*2009 to present* Research Scientist (permanent position), CNR-ISMAR, Bologna, Italy.

### WORK EXPERIENCE

- 2020 Creator and coordinator of the Citizen Science Platform "Walking in the footsteps of the sea" in collaboration with the Communication and Public Relations Unit of the CNR, CNR-IRBIM, CNR-ICCOM and CNR-IPCF.
- 2020 Member of the coordination group of CNR in the European project SOCIETYnext (G.A. n. 954949 - H2020-MSCA-NIGHT-2020) funded by the Research Executive Agency (REA).
- 2020 Tutor of a trainee (curricular internship) of the Master of Science in Resource Economics and sustainable development of the University of Bologna, on "Environmental migration and resources".
- 2020 Organization of a cycle of 6 guided excursions (of which only 2 due to COVID), dedicated to the theme of the sea as part of the project "Walking on the tracks of the sea...", in collaboration with Trekking Italia and the Consulta Bolognese dell'Escursionismo.
- 2020 Lecturer in the 2nd cycle of meetings on the 7 Ocean Literacy Principles dedicated to the members of the Association Trekking Italia - Emilia Romagna.
- 2019-present Referent of the Collaboration Agreement between CNR-ISMAR and the Trekking Association Italy - Emilia Romagna.
- 2019-20 Trainer and tutor of a high school class as part of the cheACQUA project, in collaboration with the Bruno Kessler Foundation of Trento.
- 2019-20 Participation to the project "cheACQUA" project in collaboration with the Bruno Kessler Foundation, Trento.
- 2019-20 Tutor of a trainee (curricular internship) of the Degree Course in Marine Sciences, Milan Bicocca University, on "Conceptual paths for the knowledge of the sea".
- 2019-20 Lecturer in the Master of the University of Bologna entitled "Human Rights, Migrations and Intercultural Inclusion Paths", Ravenna, Italy.
- 2019-20 Trainer and educator in the project "Walking on the tracks of the sea...", in collaboration with the Association Trekking Italia - Emilia Romagna.
- 2019-present Coordinator of the project "Walking on the traces of the sea..." in collaboration with Trekking Italia - Emilia Romagna.
- 2019 Support for the organization of the cycle of meetings entitled "History and adventures of sailing trips in the oceans and the Mediterranean of yesterday" in the context of the

- initial PARLIAMODIMARE, in collaboration with the Maritime Museum, Cesenatico, 19 October, 9 November and 23 November 2019.
- 2019 Organization and implementation of a cycle of 3 in-depth conferences dedicated to the theme of the sea as part of the "Walking on the tracks of the Sea ..." project in collaboration with Trekking Italia and CNR-ISMAR.
- 2019 Design and implementation of the guided excursion "The paths of water: from resource for life to resource for industry", as part of the cycle of meetings "Industry 4.0 - Work: yesterday, today and tomorrow" of European project SOCIETY - Researchers' Night, in collaboration with the Museum of Industrial Heritage, Bologna, 13 October 2019.
- 2019 Design and implementation of the "C'è Muro e Muro" laboratory as part of the European SOCIETY - Researchers' Night project, in collaboration with Agrisophia srl, Bologna, 27 September 2019.
- 2019 Planning and realization of the guided excursion "Along the path to Montovolo: architectures of a mountain landscape" in the context of the exhibition "Waiting for the Night 2019" of the European project SOCIETY - Researchers' Night, in collaboration with Agrisophia Natural Garden Design, Bologna, 15 September 2019.
- 2019 Planning and participation to 3 fieldtrips in the Northern Appennines (Italy), within the project EU SOCIETY (Chief scientist, sedimentologist and field sampling).
- 2019 President of the Organizing Committee, Member of the Scientific Committee and Moderator of the Round Table "Fish ... Around the Table", 24th AIOL Congress, Bologna, Italy.
- 2019 Trainer of environmental activists for the "Change Climate Change" campaign as part of the "YOUth Climate Meeting ER" initiative, in collaboration with Legambiente ER.
- 2019 Design and implementation of the guided excursion along the "Wind and sea" coast as part of World Ocean Day, Marina Romea and Casalborgorsetti (RA), 8 June 2019.
- 2019 Co-planning, organization and coordination of the activities of the CNR-ISMAR Bologna headquarters for the celebrations of the European Day of the Sea in Emilia Romagna, in Marina di Ravenna, 8 June 2019.
- 2019 Co-planning and realization of the guided excursion "Churches, convents and villages in the hills above Bologna", in the context of the initiative: "The hills outside the door", in collaboration with Consulta per l'Ascursionismo di Bologna, Bologna, May 26, 2019.
- 2019 Co-planning, organization and realization of the celebrations of the European Day of the Sea at the headquarters of Trekking Italia - Emilia Romagna, Bologna, 20 May 2019.
- 2019 Speaker of the conference: "Water, resources and climate: but what does time have to do with all this?" Within the series of initiatives "Blue Biodiversity: the river in our hands" organized by COOP Allenza 3.0, Vignola, 17 May 2019.
- 2019 Speech at the workshop for the celebrations of the 500 years since Leonardo da Vinci's death entitled "Observing climate change in an enlarged space-time context", Cesenatico, April 5, 2019.
- 2019 Teacher (+ hands-on activities) for 4 classes of middle schools within the "SISTEMIAMOLI" project, in collaboration with Proambiente scrll.
- 2019 Co-planning and realization of the guided excursion "Between mulberry trees and canals on the traces of silk in Bologna", as part of the initiative: "The hills outside the door", in collaboration with Consulta per l'Escursionismo di Bologna, Bologna, March 24, 2019.
- 2019 Co-design and implementation of scientific / popular activities within the initiative "An opportunity to learn about the sea between science and art", Children's Carnival 2019 organized by the Venice Biennale, Venice, March 1, 2019.

- 2019 Lecturer in the 1st cycle of meetings on the 7 Ocean Literacy Principles dedicated to the members of the Association Trekking Italia - Emilia Romagna.
- 2019 Organization and implementation of a cycle of 6 + 2 guided excursions dedicated to the theme of the sea as part of the project "Walking on the traces of the sea ..." in collaboration with Trekking Italia and the Bolognese Hiking Council.
- 2019 Planning and participation to DeltaPo 2019 fieldtrip, Po Delta area (Italy), RITMARE project (Chief scientist, sedimentologist and field sampling).
- 2019 Tutor of a trainee (curricular internship) of the Degree Course in Geological Sciences of the University of Bologna, on "Multidisciplinary investigations for the biogeochemical characterization of recent river and delta sediments of the River Po (Italy)".
- 2019 Tutor of a trainee (curricular internship) of the Degree Course in Earth Sciences of the University of Bologna, on "Analysis and evaluation of the distribution of short-lived radionuclides (Be-7 and Cs-137) in the sediments of the Delta del Po (Italy)".
- 2019 Participation to the project "International Ocean Literacy Survey (IOLS)" project, in collaboration with Lawrence Hall of Science, University of California, Berkeley, USA.
- 2019 Lecturer on 'Shelf hypoxia in North Mediterranean Sea: the role of sedimentary dynamics and sea floor morphology', State Key Lab of the University of Xiamen, Xiamen, China.
- 2019 2 weeks at Xiamen University, Xiamen and Hong Kong University, Hong Kong, China.
- 2018-present Referent of the Convention between the CNR-ISMAR and the CESTHA of Marina di Ravenna (RA), Italy.
- 2018-present Referent of the Collaboration Agreement between CNR-ISMAR and the Civic Museum of Natural History of Ferrara, Italy.
- 2018-19 Member of the coordination group of CNR in the European SOCIETY project (G.A.n.819090 - H2020-MSCA-NIGHT-2018) funded by the Research Executive Agency (REA).
- 2018-present Project leader and coordinator of the European Maritime Day (InMyCountryEvent) initiatives of CNR ISMAR Bologna, Italy.
- 2018 Design and implementation of the laboratory "Riesci a vedermi?" as part of the European SOCIETY - Researchers' Night project, in collaboration with Agrisophia srl, Bologna, 28 September 2018.
- 2018 Co-planning and realization of the guided excursion "Between mulberries and canals. Walking with history: the silk in Bologna", review Waiting for the researchers' night, in collaboration with the Villa Ghigi Foundation.
- 2018 Co-planning, organization and coordination of the activities of the CNR-ISMAR Bologna headquarters for the celebrations of the European Day of the Sea in Emilia Romagna, in Marina di Ravenna and Punta Marina (RA), 14 June 2018.
- 2018 Design, organization and coordination of the activities of the CNR-ISMAR Bologna headquarters for the celebrations of the World Oceans Day in Emilia Romagna, in Marina di Ravenna (RA), 8 June 2018.
- 2018 Rapporteur of the meeting "Why is there so much talk about climate change now?" as part of the Human rights night program "The world around. Knowing cultures, phenomena and stories to understand them. ", Ravenna, Italy.
- 2018 Trainer on the 7 Principles of Ocean Literacy for teachers and classes II and III of the High School Roiti of Ferrara as part of the VelaScuola Project in collaboration with LNI-Ferrara, Italy.
- 2018 Reference person within CNR- ISMAR for Ocean Literacy.
- 2018 Member of Organizing and Scientific Committees of the Italian National Conference of the Project "Let's Take care of the Planet!".
- 2018 Moderator of the workshop entitled "Evaluation of school paths: strengths and

- weaknesses" with teachers and school leaders within the National Conference of the Let's Take care of the Planet Project! At the Research Area of Bologna, March 16, 2018.
- 2018 Trainer on the 7 Principles of Ocean Literacy for the teachers of the Sabin High School in Bologna as part of the School-Work Alternation courses.
- 2018 Lecturer on 'Ocean Literacy: new opportunities or new challenges?', CNR-ISMAR, Ancona, Italy.
- 2017-present Referent of the Collaboration Agreement between CNR-ISMAR and the regional offices of Emilia Romagna of the Italian Naval League (LNI-ER).
- 2017-19 Participation to the project 'Dalla ricerca alla scuola...e ritorno' funded by the Italian Ministry of Education, University and Research (MIUR) for the diffusion of a scientific culture.
- 2017-19 Participation to the project ICE Project (Educational Community Incubator) in collaboration with the Municipality of Bologna.
- 2017-18 Member of the Coordination Group of the Italian Ocean Literacy Network (OLI) in collaboration with UNESCO-IOC of Venice.
- 2017-18 Participation to the project 'VelaScuola', in collaboration with the Italian Naval League (LNI) of Ferrara, (Italy) on Ocean Literacy issues.
- 2017 2 weeks at CONICET-CENPAT, Puerto Madryn and University of Mendoza, Mendoza, Argentina.
- 2017 Lecturer at the conference "Le forme dell'acqua", within the activities of the EU Researchers Night 2017.
- 2017 Substitute member of the Examining Commission for the recruitment of n. 1. staff units with professional profile of Researcher level III (Prov. Dir. N. 75/2017, Call ISMAR 012 2017).
- 2017 Substitute member of the Examining Commission for the recruitment of n. 1. staff units with professional profile of Researcher level III (Prov. Dir. N. 74/2017, Call ISMAR 011 2017).
- 2017 Member of the Scientific Committee, Chairman and Moderator of the Forum "The legacy of Aquatic Science", 23rd AIOL Congress, Cagliari, Italy.
- 2017 Tutor of 5 high school pupils within the summer internships of the CNR SperimEstate project, on scientific dissemination topics and creation of audio-visual material for Ocean Literacy.
- 2017 Design, organization and coordination of the activities of the CNR-ISMAR Bologna for the World Oceans Day celebrations in Emilia Romagna, Marina di Ravenna and Casalborgorsetti (RA), Ferrara and Cesenatico (FC), 8-11 June 2017.
- 2017-present Project leader and coordinator of the World Oceans Day initiatives of CNR ISMAR Bologna, Italy.
- 2016-present Participation to the project "Opus Facere" project in collaboration with the CNR Research Area of Bologna.
- 2016-18 Member of the Coordination team of the Environmental Education Project "Let's Take Care of the Planet!".
- 2016-17 Tutor of a student of the Degree Course in Geological Sciences of the University of Bologna, on "Study of alluvial sediments for the geochemical characterization of the Cerro Eramòn area (El Salvador, Central America)".
- 2016-17 Scientific tutor of 4 school classrooms within the CNR scientific dissemination Project "The Language of Research".
- 2016-17 Participation to the project 'SperimEstate', CNR Research Area, Bologna, Italy.
- 2016-17 Italian Reference Person within the Project RM@School – WP4, EIT-KIC Raw Materials.

- 2016-17 Participation to the project "RawMatter (at) school" project within the EIT-KIC Raw Material.
- 2016-17 Participation to the European project SOCIETY funded by the Research Executive Agency (REA).
- 2016 Participation to the Researchers Night 2016 with the workshop "Immagini chi può!" within the framework of the EU-funded SOCIETY Project, Bologna, Italy.
- 2016 Creator and moderator of the scientific coffee 'Long-term forecast: searching for future certainties', within the EU Reseachers Night SOCIETY Project, Bologna, Italy.
- 2016 Trainer of teachers of second grade secondary schools within the long-life training course entitled "Migration, development and human rights between human sciences and natural sciences" within the European AmicieCode project, Golinelli Foundation.
- 2016 Planning and participation to DeltaPo 2016 fieldtrip, Po Delta area (Italy), RITMARE project (Chief scientist, sedimentologist and field sampling).
- 2016 Trainer of teachers of primary and kindergartens as part of the long-life training course entitled "Laboratory tools and methods for teaching science in primary school", as part of the Educare a Educare program, Golinelli Foundation.
- 2016 Alternate member of the Examining Commission for the awarding of 1 Research Grant (Senior) (Prov. Dir. N. 11/2016, Call ISMAR 04 2016).
- 2015-19 Member of the President cabinet of the Italian Association of Oceanology and Limnology (AIOL).
- 2015-17 Member of the Scientific Council of the European project "AmicieCode - Migration and rights: building development together" (Project Nr. DCI-NSAED / 2014 / 338-472).
- 2015-16 Participation to the CORIBAR project as sedimentologist-stratigraph, with skills in palynology and radiometry in collaboration with OGS Trieste.
- 2015-16 Participation to the project CREA - Conservación, Restauración y Educación Ambiental en los municipios de San Antonio la Cruz y Nombre de Jesús (Eramón Sur, Chalatenango - El Salvador), in collaboration with the Association CORDES, Association Geologia Senza Frontiere Onlus, Italy.
- 2015 Moderator of the workshop "Climate change, impacts, adaptation and vulnerability, mitigation. Threats or new opportunities?", 2nd European Youth Conference Let's Take Care of the Planet, Brussels, Belgium.
- 2015 Creator and moderator of the science coffee 'Effetto soglia – Ecosistemi acquatici in continuo mutamento: sfide attuali e future', within the 22nd Congress of AIOL, Verbania-Pallanza (VB), Italy.
- 2015 Creator and organiser of the meeting room 'Vita da ricercatore' between research scientists and schools within the 22nd Congress of AIOL, Verbania-Pallanza (VB), Italy.
- 2015 Member of the Organization and Scientific Committee and Moderator of the "Workshop on scientific communication", 22nd AIOL Congress, Verbania-Pallanza, Italy.
- 2014-present Responsible for AIOL Dissemination and Communication activities.
- 2014-15 Participation to the project ARCA - ARTico: cambiamento Climatico Attuale ed eventi estremi del passato, in collaboration with INGV e OGS, Italy.
- 2014 Participation to the Geo Days 2014 with the workshop 'Racconti di carte', in collaboration with the Park Authority of the Emilia Romagna Region, Bologna, Italy.
- 2014 Co-coordinator of the re-edition of the public exhibition 'Belli si diventa...' on the hydrogeological instability of Liguria Region (Italy), Imperia, La Spezia and Genoa, Italy.
- 2014 Moderator of the workshop "Networks and experiences on marine and fluvial Environmental Education in Europe", 2nd Pan-European Days of Environmental Education toward Sustainability (EES), Bergamo, Italy.

- 2014 Moderator of the workshop: Research, sustainability and governance. How to practice on ILBM?, 15th World Lake Conference . Perugia, Italy.
- 2014 Trainer of educators and naturalistic guides of the regional parks of Emilia Romagna on the theme of the geodiversity of the Bolognese and Imola Apennines as part of the information and study day "Discovering the Geoappennine", in collaboration with the Park Management Authority and the Biodiversity of Eastern Emilia and Romagna, and Ecosistema srl.
- 2014 Trainer of the scientific animators of "Scienza in Piazza - Food Immersion" on the topic of sustainability for the development of the workshops "Imagine your triple A for the future of the planet" and "If I could ... Imagine your Mediterranean!", in collaboration with Foundation Golinelli.
- 2014 Planning and participation to CAPACE III fieldtrip, Chalatenango (El Salvador), CAPACE project, (sedimentologist and field sampling).
- 2013-18 Participation to the project 'LTCP - Let's Take Care of the Planet!', in collaboration with Association Monde Pluriel, UNESCO, FPH, European Committee of the Regions, European and Italian entities and organisations of 14 countries (<http://careplanet-europe.org>).
- 2013-18 Teacher (+ hands-on activities) for the School-Work courses with pupils and teachers of secondary schools in the Province of Bologna, Modena, Ferrara and Ravenna on the themes: "From 2D to 3D and back", "The Paths of Water", "What is Anoxia? Why is O<sub>2</sub> missing in the depths of the Adriatic?", "Ocean Literacy", as part of the CNR project entitled "The Language of Research".
- 2013-18 Trainer of high school pupils of Bologna Province for the creation of the LdReporter youth press agency as part of the "The Language of Research" Project.
- 2013-18 Participation to the CNR flagship project "RITMARE" sub-contractor of OGS Trieste as sedimentologist-stratigrapher, with skills in geochemistry and radiometry and in the supervision of sampling and operations at sea.
- 2013-16 Member of the Coordination Group of the project The Language of Research, CNR Research Area, Bologna, Italy.
- 2013-15 Participation to the project CAPACE - CAPacitación y Protección Ambiental en el Cerro Eramòn (Chalatenango – El Salvador), in collaboration with the Association CORDES, Association Geologia Senza Frontiere Onlus, Italy.
- 2013-14 Participation to the project 'Jeunes Européens, Prenons Soins de la Planète!' within the framework of the EU program 'Youth in action' in collaboration with Association Monde Pluriel, UNESCO ASP-net, BSP.
- 2013 Lecturer on 'The study of sedimentological and depositional characteristics of shelf sediments as a contribution to understand hydrodynamics and biogeochemical processes', OGS, Trieste, Italy.
- 2013 Designer, coordinator and trainer of the scientific animators of the Genoa Science Festival for the exhibition "Belli si diventa... Estetica ed etica del paesaggio: una nuova cura di bellezza per il territorio", in collaboration with the Association Festival della Scienza.
- 2013 Participation to Po Prodeltà 1 and 2 cruises, M/V Laguna Project, Adriatic Sea (Italy), RITMARE project (stratigrapher, sedimentologist and on board sampling).
- 2012 Design and implementation of the interactive labs "Racconti di carte" and "Come mi vedi?" within the "Scienza in Piazza – Food Immersion" event, in collaboration with the Golinelli Foundation, Bologna, Italy.
- 2012 Trainer of the European facilitators of the 1st European Youth Conference Young Europeans, let's take Care of the Planet!, in collaboration with Association Monde Pluriel Onlus.

- 2012 Participation to the project 'Una questione di stile: verso un futuro sostenibile', in collaboration with the Autonomous Province of Trento (Italy), Viraçao Educomunicaçao Onlus and Comuninsieme, Denno (TN), Italy.
- 2012 Trainer of the scientific animators of the Genoa Science Festival on sustainability issues to lead the labs on role games "Immagini chi può!" based on the format of the European project PlayDecide, in collaboration with the Association Festival della Scienza.
- 2012 Teacher (+ hands-on activities) with high school pupils and trainer of teachers on "Water paths" within the INFEA project "Cerchi nell'acqua", in collaboration with Villa Ghigi Foundation.
- 2012 Trainer of the animators of the START Laboratories on the theme of Earth and Water, in collaboration with the Golinelli Foundation.
- 2011-12 Participation to the project 'YECF2012 – Young Europeans, Let's Take Care of the Planet!', in collaboration with Association Monde Pluriel, UNESCO, FPH, UNESCO ASP-net, BSP, European Committee.
- 2011-12 Participation to the project 'Prendiamoci Cura del Pianeta: cd-rom per percorsi di cittadinanza scientifica', in collaboration with CNR funded by the Italian Ministry of Education, University and Research programme for the diffusion of the scientific culture (<http://prendiamocicuradelpianeta.bo.cnr.it/cd/home.html>), Bologna, Italy.
- 2010 Scientific expert and moderator of the European Youth Conferences forums on "Sustainable development and climatic change adptation" within the LTCP project.
- 2010-11 Participation to the project 'L'anello di Re Salomone', within the framework of the Emilia Romagna Regional INFEA funding with dissemination and science communication activities on Climatic Changes and Sustainability issues, Bologna, Italy.
- 2010 Organisation and management of the Italian and European Youth Conferences as coordinator and scientific expert on environmental issues relating to land, sea (water) and climate changes in the framework of the participation to the International Youth Conference on Environment "Let's Take care of the Planet " (<http://vamoscuidardoplaneta.net>), held in Brazil in June 2010.
- 2009-18 Member of the National Organizing Commission and of the European Methodological Committee of the Let's take care of the planet project!" (<http://care-planet.europe.org>), in collaboration with the Brazilian Ministry of Education and the Environment, European and Italian entities and organisations.
- 2009 Planning and implementation of "La Ricerca Calpestata" event devoted to the presentation of the CNR activity to schools and citizens of Venice, Venice, Italy ([www.laricercacalpestata.it](http://www.laricercacalpestata.it)).
- 2008 Planning and implementation of "La Ricerca Calpestata" event devoted to the presentation of the CNR activity to schools and citizens of Bologna, Bologna, Italy ([www.laricercacalpestata.it](http://www.laricercacalpestata.it)).
- 2006 Collaboration for the implementation of the public information day within the framework of ECOMONDO2006 about the results and products of the EU-funded project EMMA, Rimini, Italy.
- 2006 Participation to ANEMRE06 cruise, R/V Urania, North and Central Adriatic Sea (Italy), EMMA, ANOCSIA and REQUISITE Projects (stratigrapher, sedimentologist and on board sampling).
- 2006 Planning and implementation of the documentary movie realised by the italian national network TG Leonardo of RAI3 on the problem of anoxia in the Adriatic Sea, Bologna, Cesenatico (FC) and Rimini, Italy.
- 2006 Set up and implementation of the public event about 'Seasonal phenomena of anoxia in the North and Central Adriatic Sea: possible risks and intervention strategy' hold by

- the Municipality of Rimini, Rimini, Italy.
- 2005-06 Co-tutor and trainer of the 4 winning volunteers of the competition for the Civil Service on the project entitled "Creation of environmental databases for management use".
- 2005-06 Co-realisation of environmental databases for management purposes, CNR-ISMAR, Italy.
- 2005 Commissioner in the Selection Committee of the competition for the public selection of volunteers from the Civil Service.
- 2005 Planning and implementation of the documentary movie realised by the EU-DG Environment on the EU-funded research project EMMA for the public presentation of the Sea European Strategy, Bologna, Cesenatico and Rimini, Italy.
- 2005 Planning and participation to EM05 cruise, M/V G. Dallaporta, Adriatic Sea (Italy), EMMA and ANOCSIA Projects, (Chief scientist, stratigrapher, sedimentologist and on board sampling).
- 2005 President of the jury of the public selection referred to in call no. 126/14 / AR / 28 of 18 March 2005 (prot. 276 / B3) for the awarding of 1 Collaboration Grant for Research Activities within the EMMA project.
- 2005 Collaboration to the planning and realisation of the exposition and educational material of the Scientific and Technological Week at the CNR Research Area of Bologna, Italy.
- 2004-08 Participation to the project EMMA – Environmental Management through Monitoring and Modelling of Anoxia, CNR-ISMAR, Italy.
- 2004-06 Participation to the project EQUISITE – Realisation of an integrated monitoring system of Adriatic water quality particularly devoted to eutrophic and mucilaginous phenomena, in collaboration with Emilia Romagna EPA, Italy.
- 2004-06 Participation to the project SEALINE in collaboration with AGIP-ENI Tecnologie, CNR-ISMAR, Italy.
- 2004-06 Participation to the project ANOCSIA – Present anoxia in the North Adriatic, their sedimentary record in historical time, influence on fishery and benthic ecosystem. Modelling and forecast, CNR-ISMAR, Italy.
- 2004-05 Tutor of a student of the Degree Course in the Natural Sciences Degree Course of the University of Bologna, on "Characterization of organic matter in surface and sub-surface sediments of the Adriatic-Emilia Romagna platform".
- 2004-05 Tutor of a student of the Degree Course in Geological Sciences of the University of Trieste, on "Short-term variability of the main biogeochemical processes and anthropic influences in the North Adriatic coastal area".
- 2004-05 Tutor of a student of the Degree Course in Geological Sciences of the University of Ferrara, on "Evaluation of the influence of river flows in a stretch of the Northern Adriatic in front of the Po delta through the use of geochemical tracers".
- 2004 Organizer and Project Manager of the Kick-off meeting of the European LIFE EMMA project, Bologna, Italy.
- 2004 Organizer and assistant to the coordination of the Kick-off meeting of the ANOCSIA project, Bologna, Italy.
- 2004 Assistant to the coordination and secretariat of the periodic meeting of the ANOCSIA project, Bologna, Italy.
- 2004 Planning and participation to CIPE0504 and CIPE0704 cruises, M/V Daphne II, North Adriatic Sea (Italy), CIPE Project, (Chief scientist, stratigrapher, sedimentologist and on board sampling).
- 2002-04 Participation to the project 'CIPE – Evaluation of maximum nutrient load allowed for sewage systems of Ravenna and Ferrara Provinces. Study and research activity as an integration to the project elaboration on the Water Protection Plan', CNR-ISMAR, Italy



- 2002-03 Planning and participation to SL1102 and SL0603 cruises, M/V Palinuro II, North Adriatic Sea (Italy), SEALINE Project in collaboration with AGIP-ENI Technologies, (Chief Scientist, stratigrapher, sedimentologist and on board sampling).
- 2002-03 Tutor of a student of the Degree Course in Geological Sciences of the University of Bologna, on "Centennial time evolution of sedimentation related to rainfall and river contributions in the area of influence of the Adige delta and Brenta".
- 2002 Planning and participation to SIN02 cruise, M/V U. D'Ancona, North Adriatic Sea (Italy), SINAPSI Project, (Chief Scientist, stratigrapher, sedimentologist and on board sampling).
- 2000-01 Tutor of a student of the Degree Course in Environmental Sciences of the University of Bologna, on "Study of recent sedimentation and geochemistry of Lake Cheko (Central Siberia): possible correlations with the Tunguska event".
- 2000-02 Participation to the project 'The Tunguska99 expedition: analysis of collected data and samples - The Tunguska event of 1908: geophysical and sedimentological investigations of a lake close to the epicenter', in collaboration with Dept. of Physics of the University of Bologna, Italy.
- 2000 Collaboration to the planning and realisation of the exposition and educational material of the Scientific and Technological Week at the CNR Research Area of Bologna, Italy.
- 1999-03 Participation to the project 'SINAPSI - MARINE ECOSYSTEMS', in collaboration with Dept. of Earth Sciences and Environmental Geology of the University of Bologna, Italy.
- 1999 Lecturer on 'Recent sedimentation in the central-northern Adriatic', CNR-IGM, Bologna, Italy.
- 1997-98 Participation to the 2nd, 3rd and 4th PRISMA2 cruises, R/V Urania, North Adriatic Sea (Italy), PRISMA2 Project - Biogeochemical cycles (stratigrapher, sedimentologist and on board sampling).
- 1997-98 Participation to the project 'PRISMA 2' (Research and experimental programme for the Adriatic Sea), CNR-ISMAR, Italy.
- 1995-96 Participation to the project 'PALICLAS' (Palaeoenvironmental Analysis of Italian Crater Lake Sediments), CNR-ISMAR, Italy.
- 1995 Participation to RF95 cruise, R/V Urania, South Adriatic Sea (Italy), Forced regression in the South Adriatic basin Project (stratigrapher, sedimentologist and on board sampling).
- 1994 Lecturer on 'Reconstruction of the Holocene and recent paleoenvironmental evolution of some southern Alpine lakes: examples from Lake Orta, Varese, Mergozzo and Ganna', CNR - Italian Institute of Hydrobiology, Verbania-Pallanza (VB), Italy.
- 1993-96 Participation to the project 'EUROMARGE-NB' (CE, MAST II, MTP I), CNR-ISMAR, Italy.
- 1993 Participation to RF93 cruise, R/V Urania, South Adriatic Sea (Italy), Forced regression in the South Adriatic basin Project (stratigrapher, sedimentologist and on board sampling).
- 1993 Lecturer on 'The registration of paleoclimates and holocene environments in the sediments of 4 pre-Alpine lakes', University of Bologna, Bologna, Italy.
- 1992-93 Participation to the project 'Palinological and xilological research for geobotany issues', in collaboration with Dept. Evolutionary and Experimental Biology of the University of Bologna, Italy.
- 1991-93 Participation to the project 'Quaternary deposits of the Po Plain', in collaboration with Dept. of Geological Sciences of the University of Bologna, Italy.
- 1991-92 Research assistant in the Sedimentology Course, Degree in Geological Sciences,

- University of Bologna.
- 1991 Lecturer on 'Holocene lake sedimentation in the Mediterranean area', University of Bologna, Bologna, Italy.
- 1990-94 Participation to the project 'Stratigraphic Record and climatic changes within the Adriatic/Po River system' in the framework of the strategic project "Climate, environment and landscape of the Mezzogiorno (Southern Italy)", CNR-ISMAR, Italy.
- 1988-93 Scientific expert and fieldtrips guide for the citizens of Bologna area, in collaboration with Agrinatura srl.
- 1987-93 Teacher and fieldtrip guide at primary and middle schools on morphological, landscape, naturalistic and historical aspects in the territory of Bologna, in collaboration with Agrinatura srl.

## **EDUCATION AND TRAINING**

- 2009-present Permanent position as research scientist at the ISMAR, CNR, Bologna, Italy.
- 2004-09 Fixed-term contract as research scientist at the ISMAR, CNR, Bologna, Italy within the framework of the Italian National ANOCSIA, CIPE and SEALINE and European EMMA and REQUISITE Projects.
- 2003-04 11-month research contract within the framework of the Italian National ANOCSIA CIPE and SEALINE, and European EMMA and REQUISITE Projects at ISMAR, CNR, Bologna, Italy.
- 2001 Second classified in the competition ranking for the recruitment at CNR-ISMAR (Bologna, Italy) of a third level professional researcher in the scientific-disciplinary sector of Paleontology and Paleoecology, Stratigraphic Geology and Sedimentology, and Structural Geology.
- 2000 Third classified in the ranking of the competition for the recruitment at CNR-ISMAR (Bologna, Italy) of a third level professional researcher in the scientific-disciplinary sector of Applied Geology and Environmental Chemistry.
- 2000 Participant at the International Advanced School, Summer Course 2000 "Processes in the coastal zone: links to management issues", CNR Research Area, Bologna, Italy.
- 1999-present Tutor of University of Bologna (Italy) students.
- 1999-2003 4-year Research Fellowship within the framework of Italian National PRISMA 2 and SINAPSI-MARINE ECOSYSTEMS, and Regional Projects SEALINE, CIPE at CNR-ISMAR, Bologna, Italy.
- 1999 Winner of a public selection for fixed-term employment at the Regional Environmental Protection Agency (ARPA) of Emilia-Romagna, Bologna, Italy.
- 1999 Professional collaboration contract with the CNR-ISMAR of Bologna on the national project "PRISMA 2" (Research and experimentation program for the Adriatic Sea).
- 1999 Internship at the CNR-ISMAR of Bologna in order to complete the research carried out during the previous scholarship.
- 1998-99 Scholarship within the national project "PRISMA 2" (Research and experimentation program for the Adriatic Sea).
- 1998 Internship at the CNR-ISMAR of Bologna in order to complete the research carried out during the previous scholarship.
- 1997-98 Scholarship within the framework of the national project "PRISMA 2" (Research and

- experimentation program for the Adriatic Sea), at CNR-ISMAR, Bologna, Italy.
- 1996 8-month Research Contract within the framework of the European Project PALICLAS (Palaeoenvironmental Analysis of Italian Crater Lake Sediments) at CNR-ISMAR, Bologna, Italy.
- 1996 Second classified in the final ranking of the competition for a post of university researcher for the scientific-disciplinary sector Stratigraphic Geology and Sedimentology at the Dept. of Environmental Sciences, University of Urbino, Italy.
- 1995-96 1-year Scholarship within the framework of the European Project PALICLAS (Palaeoenvironmental Analysis of Italian Crater Lake Sediments) at CNR-ISMAR, Bologna, Italy.
- 1994-95 3-month Research Contract at the CNR-ISMAR, Bologna, Italy.
- 1993-94 One-year Research Contract within the framework of the Emilia Romagna (regional EPA) Regional Project on geological mapping of the Po Plain at the ER Regional Office for Geological Mapping, Bologna, Italy.
- 1991-93 PhD in Earth Sciences with research theme: 'Palaeoenvironmental reconstruction of the South-Alpine lakes Orta, Varese, Mergozzo and Ganna through a multidisciplinary analysis of Holocene and current sediments' at the Dept. of Earth Sciences, University of Bologna, Bologna, Italy.
- 1991 1 week at ETH of Zurich, Limnogeology Group.
- 1991 5 months at University of Durham (U.K.), Department of Biological Sciences, Environmental Research Group.
- 1988-89 1-year Post-graduate master in "Geography and regional planning" at the Dept. of Geography, University of Bologna, Bologna, Italy.
- 1988 Graduated with 1<sup>st</sup> Class Honours (110/110 cum laude) in Geological Science (M. Sc. Equivalent) on "Survey, stratigraphy and sedimentology of the Plio-Pleistocene deposits of the Gulf of Corinth (Greece): 1. Area between Aetovouno and the Mavri Ori (Monti Neri)", at the Dept. of Earth Sciences, University of Bologna, Bologna, Italy.
- 1982 Maturita' (equiv. to British GCE 'A' Levels) at the Technical and Professional Institute "Pier Crescenzi", Bologna, Italy.

#### **COURSES AND SEMINARS FOLLOWED (AMONG OTHERS)**

- 2020 Webinar "Corporate Social Responsibility: new key points of the company", by Tecnapolo CNR-Bologna.
- 2020 Training course (webinar) "Work group management: from social anxiety to assertive communication", by GARR Training Office.
- 2020 Training course (webinar) "Research communication: why, what and how to communicate, with focus on Horizon projects and CNR Outreach activities", by the Training and Welfare Unit - European and International Relations Unit - Communication Unit and Public Relations of the CNR.
- 2020 Training course (webinar) "Emotional intelligence in organizations: emotional and relational skills in work contexts", by INDIRE.
- 2019 CNR-MISTER Technopole Conference "Microdevices and IoT for Industry 4.0: an Italian story", Bologna, Italy.
- 2018 Seminar "CNR in Brussels: strategies to support the Scientific Network from H2020 to FP9", Bologna, Italy.

- 2016 Study day "Prediction and predictability of natural disasters for a culture of risks", Bologna, Italy.
- 2015 The evaluation of the IMPACT criterion in Horizon 2020, CNR Research Area, Bologna, Italy.
- 2015 Open Research data: creating bridges for Open Science, Open CON2015 Satellite event, CNR Research Area, Bologna, Italy.
- 2015 From research to market: the CNR, from knowledge transfer to research exploitation, CNR Research Area, Bologna, Italy.
- 2015 CNR "Innovation Mall" event, Bologna, Italy.
- 2010 Advanced Research Management and Enhancement, CNR-PSC, Genoa, Italy.
- 2010 How to Communicate the Science, European Genetics Foundation, Bologna, Italy.
- 2009 Measurement of rainfall by satellite for meteorology, hydrology and climate, CNR-ISAC, Bologna, Italy.
- 2009 Satellite-derived data about the influence of smoke and air pollution on precipitation', CNR-ISAC, Bologna, Italy.
- 2009 Research and communication - Theory and good practice in research institutions, CNR-IREA, Milan, Italy.
- 2009 Seminar "Fulmini e saette", CNR-ISAC, Bologna, Italy.
- 2009 STELLA – Science Teaching in a Lifelong Learning Approach, CNR-Research Area, Bologna, Italy.
- 2009 New frontiers of sustainability in risk management of coastal areas: adaptation, ethics, reciprocity and human perception, ENEA, Rome, Italy.
- 2008 Adaptation and risk perception: experience and perspectives, ENEA - Dept. of Environment, Global Changes and Sustainable Development, Bologna, Italy.
- 2008 Knowledge and communication, CNR, Rome, Italy.
- 2007 Basic PERL, CNR-Research Area, Bologna, Italy.
- 2006 The fragility of coastal areas: New frontiers of knowledge and intervention, University of Ravenna, Ravenna, Italy.
- 2005 Transitional waters: analysis of descriptors and future perspectives, Regional EPA (ARPA-ER), Cesenatico (FC), Italy.
- 2005 Basics of Computer science and Data Processing, with application to geo-marine data, CNR-Research Area, Bologna, Italy.
- 2005 Course "Introduction to Open Source GIS GRASS", Bologna, Italy.
- 2004 "Information day for LIFE project beneficiaries", Rome, Italy.
- 2002 Margins: source to sink sediment transport and stratigraphic modelling, CNR, Research Area, Bologna, Italy.
- 2000 International Advanced School, Summer Course 2000 "Processes in the coastal zone: links to management issues", Bologna, Italy.
- 2000 The present forecast capabilities at ECMWF – the recent floods in Italy and Europe, CNR, ISMAR, Venice, Italy.
- 1999 Cycle of seminars on arctic modelling, CNR-ISAC, Bologna, Italy.
- 1998 Ocean heat flux and the plate tectonics, CNR, Research Area, Bologna, Italy.
- 1998 Chemical oceanography, CNR-ISMAR, Bologna, Italy.
- 1994 The geochemistry of stable isotopes: paleoclimatic and paleoideogeological applications, University of Bologna, Bologna, Italy.
- 1993 Advanced course on lacustrine facies analysis, Barcelona, Spain.
- 1992 <sup>230</sup>Th, <sup>231</sup>Pb and Mn in oceanic sediments as indicators of climatic cycles within the Quaternary, CNR-ISMAR, Bologna, Italy.
- 1992 Magnetostratigraphic methods, University of Florence, Florence, Italy.
- 1992 The Alpine Chains of the Mediterranean, University of Bologna, Bologna, Italy.

- 1992 Structural framework and neo-alpine kinematic evolution of the Alps and Northern Apennines', University of Bologna, Bologna, Italia.
- 1991 The seas of the Mediterranean area, University of Bologna, Bologna, Italia.
- 1991 The Mediterranean continental crust bases, University of Bologna, Bologna, Italy.
- 1991 6th International Dendro-ecological field week, Brambruesch, Switzerland.
- 1991 Quaternary studies, University of Durham, Durham, U.K.
- 1991 Climatology, University of Durham, Durham, U.K.
- 1991 Geochemistry of the stable isotopes: paleoclimatic and paleohydrologic applications, University of Bologna, Bologna, Italy.
- 1990 Introduction to palynology, University of Bologna, Bologna, Italy.
- 1990 Palynological Sciences: Basic Palynology, University of Modena, Modena, Italy.
- 1987-88 Professional course of 'Environmental operator' (600 hours of theoretical-practical lessons + 80 hours of internship at the Monteveglio Park, Monteveglio, Bologna, Italy.
- 1986 Seismic Stratigraphy, University of Bologna, Bologna, Italy.

#### **ATTENDANCE TO NATIONAL AND INTERNATIONAL SCIENTIFIC CONGRESSES**

- 2019 Donne & Scienza Annual Congress, Lecce, Italy.
- 2019 24<sup>th</sup> AIOL Congress, Bologna, Italy.
- 2019 4<sup>th</sup> Xiamen Symposium "Marine Environmental Sciences" (X-MAS-IV), Xiamen, China.
- 2018 Study day "VENICE meets GALVESTON TEXAS", Nautical Pole of Punta San Giuliano, Venice.
- 2018 National Conference of the Let's Take care of the Planet! Project, Bologna, Italy.
- 2018 Study day "ALL4THEGREEN - Mobilizing Climate Science" for the 30<sup>th</sup> anniversary of the IPCC, Bologna, Italy.
- 2017 International UNESCO-IOC Conference "OL4All", Venice, Italy.
- 2017 12th Encuentro Internacional E-ICES12, Mendoza, Argentina.
- 2017 5th EMSEA Conference, La Valletta, Malta.
- 2017 23rd AIOL Congress, Cagliari, Italy.
- 2017 MAB UNESCO UNESCO Delta Po Park Event, RITMARE Project - Po Line, Taglio di Po (RO), Italy.
- 2017 Global Ocean Science Education (GOSE) Workshop, Venice, Italy.
- 2017 1st Meeting of Ocean Literacy Italia Network – Venice, Italy.
- 2016 1st Congress of the Italian Marine Geologists – Roma, Italy.
- 2016 CECOMA conference, Las Palmas de Gran Canaria, Spain.
- 2015 22nd AIOL Congress, Verbania-Pallanza (VB), Italy.
- 2015 Open Days EUSAIR "A Sea of challenges in the Adriatic and Ionian Area", Bologna, Italy.
- 2015 Round table of the Emilia-Romagna Region "Governing the territory in the third millennium", Bologna, Italy.
- 2014 WEEC - 2nd Pan-European Days of Environmental Education toward Sustainability (EES), Bergamo, Italy.
- 2014 ILEC - 15th World Lake Conference (WLC15), Perugia, Italy.
- 2013 AIOL – 20th Congress, Lignano Sabbiadoro (VE), Italy.
- 2013 7th Workshop "Multiple uses, water saving and hydraulic safety: critical issues and proposals for the future Metropolitan Strategic Plan", Argenta (FE), Italy.
- 2009 STELLA - 1st National Conference Science Teaching in a Lifelong Learning Approach, Bologna, Italy.
- 2009 NetwOrK - 1st Meeting: Il Valore della Ricerca: la Ricchezza, la Conoscenza, il Lavoro, Roma, Italy.
- 2009 19th AIOL Congress, Venice, Italy.

- 2009 Geitalia 2009 - 7th Italian Forum on Earth Sciences, Rimini, Italy.
- 2008 CONISMA 6th National Conference for the Sciences of the Sea, Lecce, Italy.
- 2006 Geological, Seismic and Soil Service, Emilia Romagna Region (Italy) - Controllo e prevenzione dei rischi in Emilia-Romagna: un anno di Centro Funzionale, Bologna, Italy.
- 2006 International Symposium on "Research and Management of eutrophication in coastal ecosystems", Nyborg, Denmark.
- 2002 IGBP National Conference - Mediterraneo e Italia nel cambiamento locale: un ponte fra scienza e società, Paestum (SA), Italy.
- 2001 Accademia Nazionale dei Lincei - Global climate changes during the Late Quaternary, Roma, Italy.
- 2000 IGBP National Conference - Global Change: Censimento delle Ricerche Italiane, Roma, Italy.
- 1999 AGI Congress - Ricostruzione del clima nell'area mediterranea nel passato recente, Roma, Italy.
- 1998 International Workshop "Oceanography of the Adriatic Sea", Trieste, Italy.
- 1996 AIQUA - Modificazioni climatiche e ambientali tra il Tardiglaciale e l'Olocene antico in Italia, Trento, Italy.
- 1992 INQUA - 8th International Palynological Congress, Aix-en-Provence, France.
- 1991 CGI - 4th Italian Glaciological Congress, Gressoney (Ao), Italy.
- 1990 PROCLIM conference " Rates of changes in environmental study ", Locarno, Switzerland.
- 1990 IAS - 13th Sedimentological International Congress, Nottingham, UK.

## **PERSONAL SKILLS**

### *LANGUAGES*

- Italian, Mother tongue
- English, written (C1) and spoken (C1)
- French, written (B1) and spoken (B1)
- German, scholastic (A1)
- Spanish, scholastic (A1)

### *MAIN TECHNICAL/SCIENTIFIC INTERESTS*

- Sedimentology and stratigraphy of continental (alluvial and lacustrine) and marine (coastal/transitional and shelf) siliciclastic sediments
- Limnology and paleolimnology
- Organic and inorganic geochemistry and mineralogy
- Geological survey
- Thematic mapping and landscape use
- Radiometry and radiochemistry of medium to short-lived radioisotopes ( $^{210}\text{Pb}$ ,  $^{137}\text{Cs}$ ,  $^{234}\text{Th}$ ,  $^7\text{Be}$ )
- Palynology of the Late Quaternary
- Meteorology and recent and Late Quaternary climatology
- Environmental magnetism and paleomagnetism
- Botany
- Ecology
- Dendro-ecology and -chronology
- Integrated coastal zone management and sustainable development
- Research project writing proposal and management
- Scientific dissemination and communication

- Tutoring and training

#### *MAIN TECHNICAL SKILLS*

- On board sampling of marine and lacustrine sediments (grab, box-corer, piston and gravity corer, multi-corer)
- Core opening and subsampling
- Sedimentology (lithology, sedimentary structure, stratigraphy, grain size)
- Geochemistry (XRF) and mineralogy (XRD)
- Radiometry (gamma and alpha spectrometry)
- Radiochemistry (acidic extraction and sample handling)
- Palynology (pollen extraction, slide preparation, taxonomic recognition and counting)
- Environmental magnetism and paleo-magnetism (magnetic susceptibility, NRM, ARM, SIRM)

#### *ACCESSORY TECHNICAL SKILLS*

- Micropaleontology (sample washing, quartering, taxonomic recognition)
- Petrography (thin and polished section preparation, mineral recognition)

#### *DIGITAL SKILLS*

- Main software package OpenOffice and MS Office (Word, Excel, PowerPoint, etc.)
- Data and image management softwares (CorelDraw, Adobe, GoldenSoftware, Surfer)
- Documents management softwares (Acrobat, WinZip, PDF Exchange)
- Internet browsing softwares (Explorer, Netscape, Google)
- E-mail management softwares (Mozilla Firefox, Thunderbird, Eudora)
- Scientific literature search and management (Web of Science, Google Scholar, ASFA, and DigitAlexandria Archivemaker, PUMA)
- Website editing (Google sites, Plone)
- Video editing (Video Maker, MovieMaker)
- streaming platforms such as Streamyard
- e-meeting platforms such as Skype, Zoom, Teams, Cisco Webex, Meet

#### *OTHER SKILLS*

**Travels** - She has travelled alone, in organized groups or in the company of friends and relatives for whom she loves to organize excursions and themed trips. In Italy more or less in all regions, including the islands, from the mountains to the sea, in Europe (France, Greece, Croatia, Switzerland, Austria, Spain, Portugal and the Azores, England, Scotland, Iceland, Ireland, Poland, Malta), Africa (Namibia, Libya, Morocco, Algeria, Tunisia), Asia (China and Cambodia), America (USA, Costa Rica, El Salvador, Argentina), Oceania (French Polynesia).

**Music** – She listen to various types of music from classical to ethnic, folk, pop, rock and Italian and foreign melodic, and sing in a polyphonic choir.

**Sports** - has practiced various types of individual sports (swimming, tennis, skiing, horseback riding, fishing, running orientation, canoeing) and team sports (volleyball, soccer).

**Hiking and trekking in nature and cities** - She loves walking in cities of art and history and practicing excursions in natural environments in the various regions of the world. It prefers desert and pristine environments.

**Gardening and small crafts, cooking** – She loves engaging in manual activities that involve creativity, practicality, usefulness and sharing with others the creative process and its enjoyment

## **AFFILIATION TO SCIENTIFIC ORGANISATIONS**

AIOL (Italian Association of Oceanography and Limnology).

GSF (Geologia Senza Frontiere Onlus)

OLI (Ocean Literacy Italia)

## **INTERNATIONAL COLLABORATIONS**

State Key Lab, University of Xiamen (China)

University of Mendoza (Argentina)

University of London and University College, University of Durham, University of Liverpool, University of Newcastle (UK)

Alfred Wegener Institute for Polar and Marine Research (Germany)

ETH-Zentrum (Switzerland)

National Institute for Biology of Piran (Slovenia).

Department of Stratigraphy, Geological Survey of Denmark and Greenland (GEUS) (Denmark)

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## **PEER-REVIEWED PUBLICATIONS**

- 2020 Alvisi F., Ventura S., Carrara G., 2020. Esperienza e conoscenza: un binomio inscindibile per comunicare efficacemente sulla complessità dell'ambiente. (submitted)
- 2020 Nasi F., Ferrante L., Alvisi F., Bonsdorff E., Auriemma R., Cibic T. 2020. Macrofaunal bioturbation attributes in relation to riverine influence: What can we learn from the Po River lagoonal system (Adriatic Sea)? *Estuarine, Coastal and Shelf Science*, 232 : 106405.
- 2019 Alvisi F., Cibic T., Fazi S., Bongiorno L., Relitti F., Del Negro P. 2019. Role of depositional dynamics and riverine input in shaping microbial benthic community structure of Po prodelta system (NW Adriatic, Italy). *Estuarine, Coastal and Shelf Science*, 227: 106305.
- 2019 Cibic T., Fazi S., Nasi F., Pin L., Alvisi F., Berto D., Viganò L., Zoppini A., Del Negro P. 2019. Natural and anthropogenic disturbances shape benthic phototrophic and heterotrophic microbial communities in the Po River Delta system. *Estuarine, Coastal and Shelf Science*, 222: 168–182.
- 2018 Alvisi F. e D'Alelio D. 2018. Present and future of aquatic sciences: The perspective of AIOL scientific community for a priority roadmap over the next five years. *Advances in Oceanography and Limnology*, 9(1): 19-35. DOI: 10.4081/aiol.2018.7580
- 2017 Alvisi F. 2017a. Istituto di Scienze Marine del Consiglio Nazionale delle Ricerche - Sezione di Bologna. ALIAV - Rivista dell'Associazione Diplomatici Istituto Aldini Valeriani, 2: 20-24.
- 2017 Alvisi F. 2017b. How deep is the sea? In: F. Santoro et al. (eds.), *Ocean literacy for all a toolkit*, IOC/UNESCO & UNESCO Venice Office, Paris (IOC Manuals and Guides, 80): 125-127.



- 2016 Alvisi F., S. Cozzi 2016. Seasonal dynamics and long-term trend of hypoxia in the coastal zone of Emilia Romagna (NW Adriatic Sea, Italy). *Science of the Total Environment*, in press (doi: <http://dx.doi.org/10.1016/j.scitotenv.2015.10.011>).
- 2013 Alvisi F., M. Giani, M. Ravaioli, P. Giordano 2013. Role of sedimentary environment in the development of hypoxia and anoxia in the NW Adriatic shelf (Italy). *Estuarine, Coastal and Shelf Sciences* (doi: 10.1016/j.ecss.2013.05.012).
- 2011 Luchetta A., Alvisi F., Cozzi S., Cantoni C., Russo A., Serratore P., Bajt A., Focaccia P., Ferrari C., Catalano G., Ravaioli M. (2011). Integrated Management of Coastal Hypoxia in the Northern Adriatic Sea: the Case Study of the Province of Rimini.. In: Brugnoli E., Cavarretta G., Mazzola S., Trincardi F., Ravaioli M., Santoleri R. (Eds.) *Marine Research at CNR - Dipartimento Terra e Ambiente, CNR, Rome, Italy*: 991-1003.
- 2010 Luchetta A., Alvisi F., Cantoni C., Cozzi S., Catalano G., Ravaioli M., Focaccia P., Bajt O. (2010b). Development of an integrated management of coastal hypoxia in the Emilia Romagna Region waters (Northern Adriatic Sea). In: Barazutti M., Marabini F. (Eds.) *China-Italy Bilateral Symposium on the coastal zone and continental shelf evolution trend, Albisani, Bologna, Italy*: 197 – 203.
- 2010 Luchetta A., Alvisi F., Cantoni C., Cozzi S., Catalano G., Ravaioli M., Focaccia P., Bajt O. (2010a). Planning and designing an integrated management of coastal hypoxia in the Emilia Romagna region water (Northern Adriatic Sea). In: Barazutti M., Marabini F. (Eds.) *China-Italy Bilateral Symposium on the coastal zone and continental shelf evolution trend, Albisani, Bologna, Italy*: 204-213.
- 2009 Alvisi F. 2009. A simplified approach to evaluate sedimentary organic matter fluxes and accumulation on the NW Adriatic shelf (Italy). *Chemistry and Ecology*, 25, 2: 119-134 (doi: 10.1080/02757540902762935).
- 2009 Gasperini L., Bonatti E., Albertazzi S., Forlani L., Accorsi C., Longo G., Ravaioli M., Alvisi F., Polonia A., Sacchetti F. 2009. Sediments from Lake Cheko (Siberia), a possible impact crater for the 1908 Tunguska Event. *Terra Nova*, 21: 489-494 (doi: 10.1111/j.1365-3121.2009.00906.x).
- 2009 Giani M., Berto D., Rampazzo F., Savelli F., Alvisi F., Giordano P., Ravaioli M., Frascari F. 2009. Origin of sedimentary organic matter in the north-western Adriatic Sea. *Estuarine, Coastal and Shelf Science*, 84: 573-583.
- 2008 Palanques A., Masqué, P., Puig, P., Sanchez-Cabeza, J.A., Frignani M., Alvisi, F. 2008. Anthropogenic trace metals in the sedimentary record of the Llobregat continental shelf and adjacent Foix submarine canyon (northwestern Mediterranean). *Marine Geology*, 248: 213-227.
- 2008 Picone S., Alvisi F., Dinelli E., Morigi C., Negri A., Ravaioli M., Vaccaro C. 2008. New insights on late Quaternary palaeogeographic setting in the Northern Adriatic Sea (Italy). *Journal of Quaternary Science*, 23, 5: 489-501 (doi: 10.1002/jqs.1152).
- 2007 Gasperini L., F. Alvisi, E. Bonatti, Ravaioli M. 2007. A possible impact crater for the 1908 Tunguska event. *Terra Nova*, 19: 245-251 (doi: 10.1111/j.1365-3121.2007.00742.x).
- 2006 Alvisi F., M. Frignani, M. Brunetti, M. Maugeri, T. Nanni, S. Albertazzi, M. Ravaioli 2006. Climate vs. anthropogenic changes in the riverine-influenced sediments of the N Adriatic shelf. *Climate Research*, 31: 167-179.
- 2005 Frignani, M., L. Langone, M. Ravaioli, D. Sorgente, F. Alvisi, S. Albertazzi 2005. Fine-sediment mass balance in the western Adriatic continental shelf over a century time scale.

- Marine Geology, 222-223: 113-133.
- 2003 Alvisi F. and M. Ravaioli (2003). Sedimentary fluxes of Organic Carbon and Total Nitrogen in selected areas of the NW Adriatic Shelf (Adriatic Sea, Italy). Proceedings 1st National Conference IGBP 'Mediterraneo e Italia nel cambiamento globale: un ponte fra scienza e società', Paestum (SA), Italy: 43-48.
- 2003 Ravaioli M., F. Alvisi, L. Menegazzo Vitturi 2003. Dolomite as a tracer for sediment transport and deposition on the northwestern Adriatic continental shelf (Adriatic Sea, Italy). *Continental Shelf Research*, 23: 1359-1377.
- 2002 Alvisi F. e E. Dinelli 2002. Evolution of sediment composition of the coastal Lake San Puoto (Latium, Italy) in the last two centuries. *J. Limnol.*, 61, 1: 15-26.
- 2002 Alvisi F., M. Frignani, M. Ravaioli 2002. Seasonal and pluriannual variability of sediment accumulation and organic matter fluxes in the Northwestern Adriatic shelf and their relationship with the frontal system. *Chemistry and Ecology*, 18, 1/2: 143-154.
- 2001 Alvisi F., Albertazzi S., M. Frignani, G. Marozzi, M. Ravaioli (2001). Sampling and dating strategies in studying environments with high spatial and temporal variability. *Archivio Oceanogr. Limnol.*, 22: 207-216.
- 2001 Alvisi F., M. Frignani, M. Ravaioli (2001). Seasonal influence of the front area on sedimentation in the Northwestern Adriatic Sea. In: F.M. Faranda, L. Guglielmo e G. Spezie (Eds.) *Mediterranean ecosystems. Structures and processes*, Springer-Verlag Milano, Italy: 415-425.
- 2001 Gasperini L., F. Alvisi, G. Biasini, E. Bonatti, M. Di Martino, C. Morigi, G. Longo, M. Pipan, M. Ravaioli, F. Sacchetti, M. Sacchi, L. Vigliotti (2001). Geophysical/sedimentological study of a lake close to the epicenter of the great 1908 Siberian (Tunguska) explosion. *Lecture Notes in Earth Sciences*, Springer Verlag.
- 2001 Guilizzoni P., A. Lami, A. Marchetto, P.G. Appleby e F. Alvisi 2001. Fourteen years of palaeolimnological research of a past industrial polluted lake (L. Orta, Northern Italy): an overview. *J. Limnol.*, 60, 2: 249-262.
- 2000 Alvisi F. e M. Ravaioli, 2000. Un minerale che nasce nel mare, vive in montagna e torna al mare. *Ricerca & Futuro*, 14: 85-86.
- 2000 Alvisi F., M. Ravaioli, M. Frignani, M. Molducci (2000). The study of climate-related short timescale sedimentation pattern in prodelta areas of the northern Adriatic Sea. *Boll. Geofisico*, anno XXIII, 3-4: 45-55.
- 1999 Sanchez-Cabeza, J.A., P. Masqué, I. Ani-Ragolta, J. Merino, M. Frigani, F. Alvisi, A. Palanques and P. Puig 1999. Sediment accumulation rates in the southern Barcelona continental margin (NW Mediterranean Sea) derived from <sup>210</sup>Pb and <sup>137</sup>Cs chronology. *Progress in Oceanography*, 44, 1/3: 313-332.
- 1998 Frignani M. and F. Alvisi (1998). Multiproxy response to Late-Quaternary environmental changes and time resolution in Core PAL94-8 (Central Adriatic Sea). Proceedings of the 4th Workshop 'Progetto strategico: Clima, Ambiente e Territorio nel Mezzogiorno', Taormina (ME), Italy, Book II: 243-258.
- 1997 Alvisi F. and L. Vigliotti (1997). Paleoclimatic record from the magnetic signature of marine and lacustrine sediments in Central Italy. *Annales Geophysicae*, suppl. 1, 15(I): C99.
- 1996 Alvisi F., P. Appleby, A. Asioli, M. Frignani, F. Oldfield, M. Ravaioli, L. and Vigliotti (1996) - Recent environmental changes as recorded by sediment of Lake Orta (Northern Italy).

Proceedings of the 4th Workshop 'Progetto strategico: Clima, Ambiente e Territorio nel Mezzogiorno', Lecce, Italy.

- 1996 Alvisi F., J. Beks, M. Frignani, L. Langone, L. Moodley, S.R. Mowbray, B. Price and M. Ravaioli (1996). Toward a sediment and heavy metal mass balance for the Western Adriatic Shelf. Extended abstract 2nd Workshop of the Mediterranean Targeted Project, MAST II, Creta, Greece.
- 1996 Alvisi F. and M. Frignani (1996). <sup>210</sup>Pb-derived sediment accumulation rates for the Central Adriatic Sea and crater lakes Albano and Nemi. In: P. Guilizzoni & F. Oldfield (Eds), Palaeoenvironmental Analysis of Italian Crater Lake and Adriatic Sediments (PALICLAS). Mem. Ist. Ital. Idrobiol., 55: 303-320.
- 1996 Alvisi F. and L. Vigliotti (1996). Magnetic signature of marine and lacustrine sediments from central Italy (PALICLAS Project). In: P. Guilizzoni & F. Oldfield (Eds), Palaeoenvironmental Analysis of Italian Crater Lake and Adriatic Sediments (PALICLAS). Mem. Ist. ital. Idrobiol., 55: 285-302.
- 1995 Frignani M., F. Alvisi, G. Quarantotto, L. Langone, J.A. Sanchez-Cabeza and A. Palanques (1995). Accumulation rates and metal distribution in three sediment cores from the continental shelf south of Barcelona. Proceedings 2nd Annual Scientific Meeting EUROMARGE-NB Project, MAST II, Barcelona, Spain.
- 1995 Frignani M., L. Langone and F. Alvisi (1995). Sediment accumulation rates from cores collected in the Central and Southern Adriatic Sea. Proceedings 2nd Annual Scientific Meeting EUROMARGE-AS Project, MAST II, Crete, Greece.

#### **OTHER PUBLICATIONS**

- 2020 Alvisi F. 2017b. Quanto è profondo il mare? In: F. Santoro et al. (eds.), Ocean literacy for all a toolkit, IOC/UNESCO & UNESCO Venice Office, Paris (IOC Manuals and Guides, 80).
- 2017 Alvisi F. 2017a. Istituto di Scienze Marine del Consiglio Nazionale delle Ricerche - Sezione di Bologna. ALIAV – Journal of the Associazione Diplomatici Istituto Aldini Valeriani, 2: 20-24.
- 2017 Alvisi F. 2017b. How deep is the sea? In: F. Santoro et al. (eds.), Ocean literacy for all a toolkit, IOC/UNESCO & UNESCO Venice Office, Paris (IOC Manuals and Guides, 80).
- 2016 Coscione, G.M. et al., (AA. VV.) 2016. Guida al descubrimiento del Eramòn, con excursiones”, Marano Arti Grafiche, Genoa, pags. 59.
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- 2014 Alvisi, F. 2014. La Scienza in Piazza – 9° Edizione, FOOD IMMERSION, 28 March - 13 April 2014. GSF Newsletter, 19, 8-10.
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- 2013 Alvisi F., Coscione G., Vella S. 2013. “Belli si diventa ...Estetica e etica del paesaggio: una nuova cura di bellezza per il territorio”, Genoa Science Festival, 23 October - 3 November 2013. GSF Newsletter, 18, 2-4.
- 2013 Alvisi F., Eccel E., Vella S., Grasso V., Vitale V., Mazzola M., Ranieri M., Coscione G., Gonzalez D. L. 2013. GSF al Festival della Scienza di Genova 2012 - Ricerca, sostenibilità

e governance: laboratori di cittadinanza scientifica sulle tematiche ambientali. GSF Newsletter, June 2013: 4-6.

#### **COMMUNICATIONS AND POSTERS AT NATIONAL AND INTERNATIONAL CONFERENCES**

- 2020 - F. Alvisi, S. Merlino, A. Asioli, M. Lopez Correa, S. Giuliani 2020. Ocean Literacy vs. Ocean Science: sfide e opportunità per il mondo della ricerca in vista del prossimo decennio UNESCO dell'educazione per lo sviluppo sostenibile (DESS). Workshop CNR-ISMAR, 27 May 2020.
- 2019 - Alvisi F., 2019. The contribution of Marine Geology to the Ocean Literacy process. Oral presentation 4th X-MAS Congress, Xiamen, China, 6-9 January 2019.
- 2019 - Alvisi F. 2019. Environmental migration, climate changes, geology and natural resources: a long complex history. Oral presentation 24th AIOL Congress, Bologna, Italy, 5-7 June 2019.
- 2019 - Alvisi F. & D'Alelio D. 2019. The perspective of the AIOL scientific community on aquatic science future. Oral presentation 24th AIOL Congress, Bologna, Italy, 5-7 June 2019.
- 2019 - Alvisi F., 2019. Esperienza e Conoscenza: un binomio inscindibile per comunicare efficacemente sulle tematiche ambientali. Oral presentation Donne & Scienza Annual Congress, Lecce, Italy, 14-16 November 2019.
- 2018 Alvisi F., 2018a. Ocean Literacy Italia. Oral presentation Italian National Conference Let's Take Care of the Planet, Bologna, Italy, 16 March 2018.
- 2018 Alvisi F., 2018b. Gli obiettivi di Sviluppo Sostenibile dell'ONU. Oral presentation Italian National Conference Let's Take Care of the Planet, Bologna, Italy, 16 March 2018.
- 2018 Alvisi F., 2018c. Effetto soglia e cambiamenti globali. Oral presentation Italian National Conference Let's Take Care of the Planet, Bologna, Italy, 16 March 2018.
- 2017 Alvisi F., Fazi S, Cibic T., Relitti F., Del Negro P. 2017. Influence of the Po River mouths on the microbial community of the prodelta benthic environment. Oral presentation 23rd AIOL Congress, Cagliari, Italy, 26-29 September 2017.
- 2017 Santoro F., Santin S., Alvisi F., Ronchi F., Borgogno F., Stroobant M. 2017. OLI - Ocean Literacy Italia: raising the newborn italian network and improving its (H)OLI(stic) approach. Oral presentation EMSEA 2017 Conference, Valletta, Malta, 7-10 October 2017.
- 2017 Alvisi F., 2017. Ocean Literacy: what is it and what's going on. Oral presentation E-ICES12 Congress, Mendoza, Argentina, 14-17 November 2017.
- 2017 Alvisi F., Frau C.D., Gallucci A.R., Gomez M.P., Gonzalez D.L. e Grassi L. 2017. Sistema de determinacion de las frecuencias naturales de suelos mediante smartphone. Oral presentation E-ICES12 Congress, Mendoza, Argentina, 14-17 November 2017.
- 2017 Alvisi F., Coscione G.M., Costantini L., Lesti C., Savini S., Vella S., Grimaldi I.S.G., Raineri M., Terrone M. 2017. 6 years of international cooperation in El Salvador. Poster 1° Italian Citizen Science Conference, Rome, Italy, 23-25 November 2017.
- 2016 Alvisi F., 2016a. May experience and knowledge change our way to approach the environmental challenges? Oral presentation CECOMA Congress, Las Palmas, Spain, 25-29 January 2016.
- 2016 Alvisi F., 2016b. Land-sea interactions in a changing scenario: new challenges in the environmental management of shallow marine coastal areas. Oral presentation CECOMA Congress, Las Palmas, Spain, 25-29 January 2016.

- 2016 Alvisi, F., Bellucci, L.G., Giuliani, S., Romano, S., Albertazzi, S., Frignani, M. 2016c. Utilizzo di traccianti e indicatori ambientali come strumento per lo studio di processi sedimentari e impatto antropico in ambienti transizionali e marino-costieri. 1° Congress of Italian Marine Geologists, Rome, Italy, 18-19 February 2016.
- 2016 Langone L., Alvisi, F., Albertazzi, S., Bellucci, L.G., Giglio, F., Giordano, P., Giuliani, S., Miserocchi, S., Ravaioli, M. 2016. La geologia marina nello studio degli impatti antropici. 1° Congress of Italian Marine Geologists, Rome, Italy, 18-19 February 2016.
- 2016 Alvisi F., Grimaldi I.S.G., Coscione G.M., Vella S., Costantini L., Lesti C., Dinelli E., Rezza C., Gonzalez D.L., 2016. Chemical composition of river bed load sediments of El Cerro Eramòn area (Northeastern El Salvador, Central America). Poster E-ICES11 Congress, Malargue, Argentina, 4-6 May 2016.
- 2016 Alvisi F., Grimaldi I.S.G., Lesti C., Dinelli E., Rezza C., Coscione G.M., Gonzalez D.L., 2016. Natural background and baseline metal concentration values in alluvial sediments of El Cerro Eramòn area (Northeastern El Salvador, Central America). Poster E-ICES11 Congress, Malargue, Argentina, 4-6 May 2016.
- 2016 Cibic T., F. Alvisi, R. Auriemma, L. Baldassarre, M. Bazzarro, L. Bongiorni, D. Cassin, C. De Vittor, S. Fazi, A. Franzo, F. Nasi, F. Relitti, M. Rogelja, P. Del Negro, 2016. Benthic biodiversity and ecosystem functioning in an area subjected to natural and anthropogenic stresses: the Po River prodelta. Oral presentation ECSA 56th International Conference, Brema, Germany, 4-7 September 2016.
- 2015 Alvisi F., Cozzi S., 2015. Influence of riverine, oceanographic and meteorological forcings on coastal hypoxia in the NW Adriatic, Italy. Poster 22nd AIOL Congress, Verbania-Pallanza, Italy, 28 Sep. - 1 Oct. 2015.
- 2014 Alvisi F., 2014a. Origin of organic matter in the Lake Cheko (Central Siberia, Russia). Oral presentation 15th World Lake Conference (WLC15), Perugia, Italy.
- 2014 Alvisi F., 2014b. Research, sustainability and governance: How to practice on ILBM? Oral presentation 15th World Lake Conference (WLC15), Perugia, Italy.
- 2014 Alvisi F., 2014. Science for Society: how to practice on environmental education. Oral presentation 2nd Pan-European Days of Environmental Education toward Sustainability (EES), 24-26 September 2014, Bergamo, Italy.
- 2014 Alvisi F., Cervino M., Gonzalez D.L., Russo O., 2014. The Let's Take of the Planet project: a key education process to invent a new future? Poster Let's 2014 Congress, October 2014, Bologna, Italy.
- 2013 Eccel E., Grasso V., Alvisi F., 2013. Agricoltura, food, environment – Finding the balance is not a trivial pursuit (Agricoltura, alimentazione, ambiente – Come mantenere la tripla “A” al tempo della crisi?). Proceedings 16th Agrometeorology National Congress, Florence, 4-6 June 2013, p. 99-100.
- 2013 Alvisi F., Vella S., Coscione G., Eccel E., Grasso V., Ranieri M., Gonzalez D. L., Vitale V., Mazzola M., 2013. Research, sustainability and governance: an exercise of scientific citizenship on environmental issues. Oral presentation 21st AIOL Congress, 23-26 September 2013, Lignano Sabbiadoro (UD), Italy.
- 2013 Alvisi F., Cartwright J.H.E., Escribano B., González D.L. and C. Ignacio Sainz Diaz C.I., 2013. Dynamics of mud volcanoes: an osmotic pump mechanism? Poster E-ICES9 Congress, October 2013, Malargue, Argentina.

- 2013 Alvisi F., Focaccia P., Picone S., Lipparini E., Gonzalez D.L., 2013. A contribution to the study of hydrodynamics and biogeochemical processes in shallow water environments (coastal areas, lagoons, lakes) by way of environmental indicators. Poster E-ICES9 Congress, October 2013, Malargue, Argentina.
- 2012 Alvisi F., Cartwright, J. H. E., Escribano B., Gonzalez, D. L., Sainz Diaz, C. I., 2012. Dynamics of mud volcanoes: an osmotic pump mechanism? Poster *Chemical Gardens Workshop*, Leiden, Netherland, 7 May 2012.
- 2011 Alvisi F., Cozzi S., Sparnocchia S., 2011. A 25 years-long record of anoxia in a semi-enclosed sea. A case study: the NW Adriatic Shelf, Italy. Poster IUGG 2011, Melbourne, Australia, 28 June - 7 July 2011.
- 2009 Alvisi F., Picone S., Dinelli E., Morigi C., Negri A., 2009. A coastal lagoon and barrier-lagoon system in NW Adriatic Sea (Italy) dating back 10.000 years ago. Poster INTERMED International Workshop, Palermo, 9-10 March 2009.
- 2009 Alvisi F., 2009. Geochemical characteristics of inner shelf sediments along the Adriatic Italian coastline. Oral presentation FIST-Geoitalia2009 Workshop, 9-11 September 2009, Rimini, Italy.
- 2009 Alvisi F., Picone S., Dinelli E., Morigi C., Negri A., 2009. A coastal lagoon and barrier-lagoon system in NW Adriatic Sea (Italy) dating back 10.000 years ago. Poster FIST-Geoitalia2009 Workshop, 9-11 September 2009, Rimini, Italy.
- 2009 Alvisi F., Cozzi S., Negri A., 2009. Long-term dynamics of hypoxia and anoxia in the Emilia Romagna Coastal Zone (Northern Adriatic Sea). Oral presentation 19th AIOL Congress, Venice, Italy, 22-25 September 2009.
- 2009 Villa F., Malaspina M., Morandi V., Ferrante V., Alvisi F., Sandri M., Franceschi E., Dadina M., Carluccio S., 2009. La ricerca Calpestata. Poster 8th Italian National Congress on Scientific Communication, Naples, Italy, 3-5 December 2009.
- 2007 Sabbatini, A., Morigi, C., Pucci, F., Ravaioli, M., Alvisi, F., Matteucci, G. and A. Negri 2007. Benthic foraminiferal fauna as eutrophication markers in historical time of Adriatic sea. Oral presentation The Foraminifera and Nannofossil Groups joint Spring Meeting 2007, Angers, France.
- 2007 Sabbatini A., Morigi C., Pucci F., Ravaioli M., Alvisi F., Matteucci G., Negri A. 2007. Mappe tridimensionali georeferenziate per lo studio della biodiversità marina della Calabria. Oral presentation AIOL-SiTE Congress, Ancona, Italy.
- 2007 Berto D., Giani M., F. Rampazzo, F.Savelli, F.Alvisi, P. Giordano, M. Ravaioli, F. Frascari, 2007. Sostanza organica fluviale e sostanze umiche in sedimenti a sud del delta del Po. Poster Geoitalia Congress 2007, 12-14 September 2007, Rimini, Italy.
- 2007 Ravaioli M., Focaccia P., Alvisi F., Catalano G., Luchetta A., Cantoni C., Cozzi S., Arneri E., Morello E., Russo A., Coluccelli A., Iermano A., Negri A., Morigi C., Falco P., Serratore P., Trentini M., Ferrari C.R., Tarlazzi S., Favi E., Stanley C., Valentini S., Sani D., Bajt. O., Prevedelli D., Simonini R., Matteucci G., 2007. Hypoxia and Anoxia in the Northern Adriatic Sea within ANOCSIA(MUR-FIRB) and EMMA (UE-LIFE) projects: planning and some (first) results. Oral presentation Geoitalia Congress 2007, 12-14 september 2007, Rimini, Italy.
- 2007 Ravaioli M., Bortoluzzi G., Focaccia P., Picone S., Alvisi F., Nutarelli G., Servedio M., Giordano A., Biasini G., 2007. BOA E1 - Stazione Remota Meteoceanografica - un'iniziativa del Progetto EMMA "Environmental Management through Monitoring and Modelling of Anoxia. Oral presentation Geoitalia Congress 2007, 12-14 september 2007, Rimini, Italy.

- 2006 Alvisi F., Ferrari C.R., Tarlazzi S., Focaccia P., Mazziotti C., Ravaioli M., Rinaldi A., 2006. Space and temporal reconstruction of anoxic/hypoxic events in the Emilia-Romagna coastal area (northern Adriatic Sea, Italy) based on the dissolved oxygen distribution in bottom waters. Poster International Symposium *Research and Management of Eutrophication in Coastal Ecosystems*, Nyborg, Denmark, 20-23 June 2006.
- 2006 Alvisi F. et al. (partners of the ANOCSIA Project), 2006. Present Anoxia of the Northern Adriatic, their sedimentary record in historical time, influences of fishing resources and on the benthic ecosystem. Modelling and prediction. Oral presentation International Symposium *Research and Management of Eutrophication in Coastal Ecosystems*, Nyborg, Denmark, 20-23 June 2006.
- 2006 Luchetta A., Cantoni C., Catalano G., Cozzi S., Russo A., Ravaioli M., Benedettini M., Alvisi F., Ferrari C.R., Arneri E., Serratore P., Bajt O., Bandini V., Trentini M., 2006. Integrated management of coastal hypoxia. Northern Adriatic Sea: the case of Rimini. Oral presentation International Symposium *Research and Management of eutrophication in coastal ecosystems*, Nyborg, Denmark, 20-23 June 2006.
- 2006 Matteucci G., Zheng Y., Pari E., Mariangela R., Alvisi F., Albertazzi S., 2006. Redox sensitive elements (Mn, Mo, Re, U) as proxies for the anoxic events in the northern Adriatic Sea and sedimentary record in historical time. Poster International Geological Congress ADRIA 2006, Urbino, Italy, 19-20 June 2006.
- 2006 Berto D., Spano L., Rampazzo F., Savelli F., Giani M., Giordano P., Alvisi F., Frascari F., Ravaioli M., 2006. Contribution of the riverine organic matter and characterization of the humic substances in the coastal sediments south of the Po prodelta. Poster ECSA 41st International Conference, Venice, Italy, 15-20 October 2006.
- 2006 Ravaioli M., Alvisi F., Focaccia P., Catalano G., Cozzi S., Cantoni C., Lucchetta A., Arneri E., Morello E., Negri A., Russo A., Iermano I., Falco P., Morigi C., Serratore P., Trentini M., Ferrari C.R., Tarlazzi S., Prevedelli D., Simonini R., Matteucci G., Bajt O., Benedettini M., Favi E., 2006. Studio dell'ipossia e anossia nell'Adriatico settentrionale nell'ambito dei progetti ANOCSIA (MUR-Firb) ed EMMA (UE-LIFE) e le fasi sperimentali realizzate. Oral presentation CONISMA Congress, 14-17 November 2006, Viareggio (LI), Italy.
- 2005 Alvisi F., 2005. Alcuni spunti sulle anossie dell'Adriatico Settentrionale. Oral presentation Information Day: The Rimini Territory, Rimini, Italy.
- 2005 Alvisi F., Ferrari C.R., Ravaioli M., Rinaldi A., Tarlazzi S., 2005. Ricostruzione spazio-temporale degli eventi anossici-ipossici nell'Adriatico Settentrionale sulla base della raccolta ed analisi delle mappe di distribuzione dell'ossigeno disciolto sul fondo. Poster Living on the Edge Workshop, Bologna, Italy, 28 April 2005.
- 2004 Alvisi F., S. Sarto, M. Ravaioli, C. Morigi, A. Negri, F. Pucci, 2004. Organic matter deposition on the NW Adriatic shelf out of four Po River mouths in historical time: influence of the OC different sources on the benthic ecosystem. Poster 1st CNR-ISMAR Workshop, Bologna, Italy, 10-11 May 2004.
- 2004 Frignani M., L. Langone, M. Ravaioli, F. Alvisi, Sorgente D., S. Albertazzi, 2004. A 100-year estimate of fine sediment accumulating on the western Adriatic continental shelf. Poster 32nd International Geological Congress, 2004.
- 2004 Pucci F., Morigi C., Alvisi F., Ravaioli M. and Negri A., 2004. Preliminary results on the micropaleontological analysis of four sediment cores from northern Adriatic Sea: paleoenvironmental reconstruction using benthic Foraminifera ecological data. Oral presentation 3rd Meeting of Environmental Micropaleontology, Urbino, Italy, 8-9 June 2004.

- 2002 Sorgente D., M. Frignani, S. Albertazzi, S. Giuliani, M. Ravaioli, L. Langone and F. Alvisi, 2002. <sup>137</sup>Cs and <sup>210</sup>Pb Sediment Accumulation in the central Adriatic Sea. Proceedings AIRP Congress, Isola del Giglio (GR), Italy, 9-10 May 2002, p. 221-228.
- 2002 Frignani M., S. Albertazzi, M. Ravaioli, F. Alvisi, 2002. Records of Climate Related Changes in Sediments of the northern Adriatic Sea influenced by the discharge of Adige and Brenta rivers. Oral presentation 2nd SINAPSI Workshop, Portonovo (AN), Italy, 13-15 May 2002.
- 2002 Ravaioli M., S. Albertazzi, F. Alvisi, M. Brunetti, M. Frignani, M. Maugeri, T. Nanni, 2002. Records of Climate vs. Human Related Changes in Sediments of the Northern Adriatic Sea influenced by the Discharge of Adige and Brenta Rivers. Poster 2nd SINAPSI Workshop, Portonovo (AN), Italy, 13-15 May 2002.
- 2002 Alvisi F., Ravaioli M., Bortoluzzi G., 2002. Stima quantitativa del rilascio potenziale di carbonio organico e azoto totale dai sedimenti superficiali dell'Adriatico nord-occidentale. Oral presentation. Proceedings 1st Italia National Conference IGBP, Paestum (SA), Italy, 14 -16 November 2002, p. 21.
- 2001 Alvisi F., M. Frignani, F. Frascari, M. Ravaioli, D. Sorgente, M. Zavatarelli, M. Vighi, 2001. PRISMA 2 – stp. 2 Cicli biogeochimici (Contributo alla determinazione dei tassi di accumulo di materiale particellato e delle specie chimiche ad esso associate). SINASPI - Attività di ricerca C.8. (Valutazione quantitativa dei processi di trasporto e dei cicli biogeochimici nell'area costiera dell'Adriatico settentrionale). Proceedings Global Change IGBP2000 Italian Workshop, Rome, Italy, 27-29 November 2000, p. 249-250.
- 2001 Gasperini L., F. Alvisi, G. Biasini, E. Bonatti, M. Di Martino, C. Morigi, G. Longo, M. Pipan, M. Ravaioli, F. Sacchetti, M. Sacchi, L. Vigliotti, 2001. Geophysical/sedimentological study of a lake close to the epicenter of the great 1908 Siberian (Tunguska) explosion. Oral presentation 7th ESF IMPACT Workshop, Svalbard, Norway, 29 Aug. – 3 Sep. 2001.
- 2000 Ravaioli M., M. Frignani, F. Alvisi, M. Molducci, 2000. Sedimentazione recente e modificazione antropica nell'area di prodelta dei fiumi Adige e Brenta. Poster 2nd CONISMA Italian Workshop, Genoa, Italy, 20-25 November 2000.
- 2000 Alvisi F. and Ravaioli M., 2000. A multi-tracer approach to study short timescale dispersion and accumulation of particulate material over the Adriatic shelf. Poster Global Change IGBP2000 Italian Workshop, Rome, Italy, 27-29 November 2000.
- 1999 Alvisi F., Frignani M., L. Langone, M. Ravaioli, S. Albertazzi, 1999. Radioisotopes as tracers of dispersion and accumulation of riverine material in the Northwestern Adriatic continental shelf. Poster EUROGOOS Congress, Rome, Italy, 11-13 March 1999.
- 1999 Alvisi F., Ravaioli M., S. Albertazzi, M. Frignani, L. Langone, 1999. Lo studio di radioisotopi naturali ed artificiali quali traccianti della dispersione ed accumulo di materiale particellato di origine fluviale nella piattaforma adriatica nord-occidentale. Poster SANA, Bologna, Italy, 10-13 September 1999.
- 1999 Ravaioli M., F. Alvisi and M. Frignani, 1999. The use of dolomite as a tracer for the Western Adriatic Coastal Current: an efficient tool for studying the N-S sediment transport. Oral presentation 2nd FIST Workshop, Bellaria (Rimini), Italy, 20-23 September 1999.
- 1999 Alvisi F., Frignani M., Ravaioli M., 1999. Sedimentation and accumulation in some Adriatic prodelta areas. Historical reconstructions at different timescale. Oral presentation Information Day Climatic Reconstruction of the Mediterranean Area in the recent past, Rome, Italy, 1-2 December 1999.
- 1998 Albertazzi S., Alvisi F., M. Frignani, L. Langone, M. Ravaioli, D. Sorgente 1998. Sediment



accumulation rates and mass balances in the Northern and Middle Adriatic Sea. A critical review. Oral presentation International Workshop Oceanography of the Adriatic Sea, Trieste, Italy, 21-25 September 1998.

- 1998 Frascari F., M. Frignani, M. Ravaioli, Alvisi F., M. Marcaccio, G. Matteucci e C. Bergamini, 1998. The study of geochemical and sedimentological processes in the Northern Adriatic coastal environment: history and main results. Oral presentation International Workshop Oceanography of the Adriatic Sea, Trieste, Italy, 21-25 September 1998.
- 1998 Alvisi F., Frignani M., M. Ravaioli, 1998a. Seasonal influence of the front area on sedimentation of TSM and OM in the coastal area of the Northern Adriatic Sea. Oral presentation CONISMA Congress, Ischia (NA), Italy, 11-14 November 1998.
- 1997 Bassetti M.A. e F. Alvisi, 1997. Late Quaternary climatic variations in the Po Plain alluvial deposits (Northern Italy). Proceedings 1° Forum FIST, Session 11, 1997, vol. 2, p. 218-219.
- 1991 Alvisi F., Asioli A., Frignani M., Oldfield F., Ravaioli M., Vigliotti L., 1991. A pilot study of recent lake sediment from four sites in Northern Italy. Proceedings 4th Workshop Progetto strategico: Clima, Ambiente e Territorio nel Mezzogiorno, Lecce, Italy, 11-14 November 1991.

#### **MULTIMEDIA PRODUCTS**

- 2016 Design and coediting of the CD-ROM "Guia al descubrimiento de l'Eramòn, con exursiones", deliverable of the Project CREA.
- 2016 Design and coediting of the audio-video "Double Face" within the framework of the SPERIMESTATE Project (<http://sperimestate.bo.imm.cnr.it/>), Research Area, Bologna, Italy.
- 2016 Design and coediting of the audio-videos "Cartography Lab" and "Grainsize Lab" within the framework of The Language of the Research Project (<http://www.bo.cnr.it/linguaggiodelaricerca/>), Research Area, Bologna, Italy.
- 2012-18 Design and implementation of the Italian website (<http://prendiamocicuradelpianeta.bo.cnr.it/>) of the Let's Take Care of the Planet international project and webmaster.
- 2012 Design and implementation of three new versions of the role-playing game based on the PlayDecide format proposed by the Project EU FUND (<http://www.playdecide.eu/>): 1) Acqua: Se io potessi... Immagina il tuo Mediterraneo! (<http://www.playdecide.eu/node/2208>); 2) Terra: Agricoltura, Alimentazione, Ambiente: immagina la tua "tripla A" per il futuro del pianeta (<http://www.playdecide.eu/node/2196>); 3) Aria: Ma come sarebbe l'Artico senza ghiaccio? (<http://www.playdecide.eu/node/2214>).
- 2011 Design and production of the DVD titled 'Prendiamoci cura del Pianeta: Percorsi di Cittadinanza Scientifica in Campo Ambientale' (<http://prendiamocicuradelpianeta.bo.cnr.it/cd/>), in collaboration with the Research Area (BO), Association Legambiente Onlus (RM), Municipality of Casalecchio di Reno (BO), Cles (TN), Denno (TN) and Padua (Italy), Community of Mugello (FI) and Val di Non (TN), Autonomous Province of Trento, Emilia Romagna INFEAS Network (BO), School Network EcoGeneration, GlobeSeren@ and LTCP, Viração Educomunicação Onlus.