

PERSONAL INFORMATION Ernesto Azzurro

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https://www.researchgate.net/profile/Ernesto_Azzurro/

Ernesto Azzurro - **PhD in Marine Biology and Ecology** at the *Università Politecnica delle Marche*, Ancona Italy, **Post-doctoral fellow at the ICM-CSIC of Barcelona, Spain** – he is currently **Researcher** at the *National Institute for Environmental Protection and Research ISPRA*, Livorno, Italy. Current areas of research are: invasion biology and ecology; fish ecology and biology, biodiversity changes in coastal marine environments. **President of the CIESM Committee C6 Coastal Systems and Marine Policy** of the *CIESM - International Commission for the Exploration of the Mediterranean Sea*; Member of the **CIESM exotic fish taskforce** and of the **Italian commission for introduced species in aquaculture**; **Project manager** of *Seawatchers* for the action *invasive fishes*; **Coordinator for ISPRA** of the **EU Interreg project MPA-Adapt: Guiding Mediterranean MPAs through the climate change era: Building resilience and adaptation** (Budget 1,904,257.06 € 85% co-funded by the European Regional Development Fund); **Consultant for the United Nations**, supporting the *UN Environment/Mediterranean Action Plan (MAP)*. Currently, he is also assisting **FAO** to monitor fish biodiversity changes in the Mediterranean Sea. His scientific production presents an interdisciplinary spectrum of studies spanning from theoretical to applied aspects of marine biology and ecology. He also co-authored two front-articles in *Ecology Letters*, 5 monographs and the CIESM atlas of Mediterranean Exotic Fishes. He is currently **coordinating a team of 4** contracted researchers at ISPRA.

BIO-SKETCH

Qualified as **FULL PROFESSOR OF ECOLOGY** by the National Scientific Qualification of MIUR

Professore Universitario I fascia settore concorsuale 05/C1 Ecologia
(abilitazione scientifica nazionale 2016-2018 quinto quadrimestre)

https://asn16.cineca.it/pubblico/miur/esito/05%252FC1/1/5/99982/quadri/ASN_2018.pdf

RESEARCHGATE: https://www.researchgate.net/profile/Ernesto_Azzurro/

SCHOLAR: <http://scholar.google.it/citations?user=nRKBd6QAAAAJ&hl=it>

ACADEMIA.EDU: https://isprambiente.academia.edu/ErnestoAzzurro?notification_code=rBRyuKjo

SCIENTOMETRIC INDICATORS

	All <i>Since first ISI pub (2000)</i>	PhD <i>(Since 2006)</i>	Last 5 years <i>(Since 2013)</i>
Citations	2908	2411	2207
H Index	28	24	24
I10 Index (N ISI papers with IF ≥ 10)	57	53	53
N of ISI papers with IF	84	74	47
N of ISI papers with IF/N years	4,7	6,2	8.1
Tot IF	178,07	161,36	123,19

Date: May 30th 2019 - **Source:** Google Scholar <http://scholar.google.it/citations?user=nRKBd6QAAAAJ&hl=it>

PERSONAL SKILLS

Mother tongue(s)	Italian				
Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Spanish	C2	C2	C2	C1	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills Good communication skills gained through several national and international experiences, such as international working groups, outgoing grants, international commissions. Wide and solid **network of collaborators in Mediterranean countries**.

Organisational / managerial skills Good organisational / managerial skills. Experience in coordinating international research teams

Digital skills	SELF-ASSESSMENT				
	Information processing	Communication	Content creation	Safety	Problem solving
	Proficient user	Proficient user	Proficient user	Independent user	Proficient user

- Software**
- Windows 3.1/95/98/2000/NT/XP (Word, Excel, Power Point, Access)
 - Statistics: Primer, Primer+Permanova, Statistica
 - Geographical Information Systems: ArcView 9.3; Quantum GIS
 - Graphic processing software: Adobe Photoshop (proficient user)
 - Meta-analysis tools: Metawin

- Scientific Diver (>1000 Sci dives)**
- Diving certificate PADI advanced [2000_Brevetto_Padi_advancedanced013.pdf](#)
 - Dry Suit course - [Brevetto_Padi_Dry012.pdf](#)
 - 2005 Responsible for security in scientific diving: EU interreg project MonItaMal [2005_security_DIVE_monitamal.jpg](#)
 - 2000-ongoing. Qualified (after regular yearly Medical examinations) for underwater research activity
 - 1987 – 1988. Diving certificate FIPS (I and II), CMAS [1987_Bevetto_Fips_IIO14.pdf](#)

Graphical and artistic skills Good graphical and artistic competences; Scientific illustrator <http://www.fishars.com>

EDUCATION AND TRAINING

- From 2009 to 2011 [Postdoc ICM-CSIC, Barcelona, Spain](#)
JAE-doc2008 *Junta para la ampliación de estudios" del consejo superior de investigaciones científicas. convocatoria de contratos postdoctorales*
DURATION: 2 years
Ref N. C304843
[2008_JAE_doc.pdf](#)
- From 2003 to 2006 [PhD in Marine Biology and Ecology](#)
Title of the thesis: Fish **biodiversity changes** in the Mediterranean Sea: cases of study, 238 pp. Università Politecnica delle Marche, Ancona, Italy. January 2008.
Subject: Biodiversity, Biology and Ecology of invasive fishes.
[2006_PhD.jpg](#)
- From 1989 to 1994 [M. Sc. in Biological Sciences](#)
At the University of Bologna getting marks 110\110, disputing an experimental thesis titled: "Life cycle of *Sepia officinalis* in the Adriatic Sea".
Subject: Life cycle of cephalopods
[1994_Laurea.jpg](#)
- From 1982 to 1987 [Scientific High school. Fermo, FM, Italy](#)
[1987_scientific_high_school.jpg](#)

PROFESSIONAL COURSES

- 2010 [Introduction to Meta-analysis in Ecology](#). Teachers: Fiorenza Micheli; Craig W. Osenberg; Joachim Claudet. University of Salento, Lecce Italy 14-16 December 2010
DURATION: 3 days
[2010_metanalysis_course.jpg](#)
- 2011 [Introduction to Geographic Information System with ARCGIS 9.3 applied to marine sciences. Vigo, Spain 21-25 march 2011. \(30h\)](#)
[2011_ARCGIS_course.jpg](#)
- 2010 [Analysing Biological and Environmental Field Data](#). Highland Statistic Ltd. Teacher Dr. Alain F. Zuur. Co-Hosted by C.N.R. ISMAR, Ancona, Italy
DURATION: 3 days
[2004_ancona_H_statistics.pdf](#)
- 2008 [Detecting biological and environmental changes: design and analysis of monitoring and experiments](#). Teachers: L. Benedetti-Checchi, B. Clarke, M.J. Anderson. Winter School, University of Bologna 3rd-14th March
DURATION: 9 days
[2008_Primer_permanova_course.jpg](#)
- 2014-2018 N 4 courses on security during field work and scientific diving:
- 2017 UNITED NATIONS Course on Basic Security in the Field II (United Nations Department of Safety and Security). [2017_Certificate_BSITF II \(English\)_BSITF Certificate-2.pdf](#)
 - 2017 Course on Basic Life support BLS 2017. [BLS_ATTESTATO Azzurro.pdf](#)
 - Course ISPRA on Good practices in scientific diving. [2014_att_SUB_b_prassi.pdf](#)

- Certificate FIPSAS for first aid with oxygen. [2014_FIAS_oxygen_first_aid.pdf](#)
- 2018 Oxygen First Aid DAN. [2018_3_DAN_Oxygen.pdf](#)

Histology traineeship at the ICM-CSIC, Barcelona, Spain

Duration: 40 days

[2009_Histology_Barcelona](#)

2005

Taxonomy of teleost fishes.

DURATION: 40 days at the ICM-CSIC of Barcelona, Spain. Tutor Dr. Domingo Lloris Samo

[2005_taxonomy_ICM.jpg](#)

FUND RAISING and COORDINATION ROLES IN RESEARCH PROJECTS

2016-2019 INTERREG PROJECT MPA-ADAPT: GUIDING MEDITERRANEAN MPAs THROUGH THE CLIMATE CHANGE ERA: BUILDING RESILIENCE AND ADAPTATION. Funded by the European Regional Development Fund.

ROLE: **Co-writing** and **team building**;

Scientific Coordination of **WP4** (*Transferring*)

and **Scientific Responsible** for ISPRA (as project partner)

[2017_GdL_MPA Adapt.pdf](#)

N. 8 EU partners, **Total budget:** € 1,904,257

See documents at:

<https://mpa-adapt.interreg-med.eu>

<http://territorio.regione.emilia-romagna.it/medncpitalia/doc/progetti-bando-1/mpa-adapt>

<https://mpa-adapt.interreg-med.eu>

Scientific responsible and coordinator of a team of 4 research fellows.

See documents at:

[2018_Responsible_assegni.pdf](#)

[2017_GdL_MPA Adapt.pdf](#)

GU 4a Serie Speciale - Concorsi ed Esami n.42 del 6/06/2017

<http://www.isprambiente.gov.it/it/amministrazione-trasparente/bandi-di-concorso/bandi-di-concorso-in-istruttoria/avviso-di-selezione-n-3-2018-a>

Gazzetta ufficiale: 4^a Serie Speciale - Concorsi ed Esami n. 27 del 3 aprile 2018

<http://www.isprambiente.gov.it/it/amministrazione-trasparente/bandi-di-concorso/elenco-dei-bandi-espletati/avviso-di-selezione-n-6-17>

2010-ongoing

TROPICAL SIGNALS Leader Partner: CIESM, Commission Internationale pour l'Exploration Scientifique de la Mer Méditerranée) funded by Fondation Albert II of Monaco.

ROLE: **Co-writing** and **Coordinator** of two successful Work Packages (namely *LEK* and *UVC*) within an international research network composed by **N. 21 research teams and 15 Mediterranean Partners**

<http://www.ciesm.org/marine/programs/tropicalization.htm>.

[2018_CIESM_Certificate-Tropical Signals-Azzurro.pdf](#)

- 2015 - ongoing ISPra Awareness and monitoring campaigns on Alien species (*L. sceleratus* and *P. miles*) in collaboration with: i) 'Capitanerie di Porto, Italy; ii) ICM-CSIC Barcellona, Spain; iii) FAO ADRIAMED Project, FAO, Rome, Italy
ROLE: Coordinator for ISPra
<http://www.isprambiente.gov.it/it/evidenza/ispra/specie-tropicali-in-ambiente-marino-un2019allerta-per-la-salute-umana>
- 2006-2008 EU Project interreg Italia-Malta. MONITAMAL: Sviluppo di un sistema di monitoraggio della qualità ambientale: valutazione dei livelli di contaminazione nelle diverse matrici marine (acque, sedimenti, biota) e dei rischi per la biodiversità marina costiera.
ROLE: Co-writing, team building, coordinator of a WP led by ISPra
Total budget: € 550.000,00
<http://www.isprambiente.gov.it/it/progetti/biodiversita-1/monitamal>
- 2011-2012 COST ACTION FA1004.
 European Cooperation in Science and Technology
ROLE: Associated Member, National Representative for Spain
<http://fish-conservation.nu>.
<http://fish-conservation.nu/pparticipants/>
- 2008-2010 THE IMPACTS OF BIOLOGICAL INVASIONS AND CLIMATE CHANGE ON THE BIODIVERSITY OF THE MEDITERRANEAN SEA. In R & D. Proposal for 2007 (Cooperazione Italia – Israele su ambiente ricerca e sviluppo). Conisma Ordine N. 43. February 11th 2011 Pr ISRAELE/CMCC
ROLE: Project co-writer, external coordinator of a WP
Total budget: € 600,454
[2008_ISPra_Aut.jpg](#)
[2008_conisma_IT_IS.pdf](#)

Submitted PROPOSALS

- 2018 **Co-writer and team building** for a proposal to the Programme Interregg Italia-Tunisia
<http://www.italietunisie.eu>
 Proposal BLEU-ADAPT: Invasion biologique marine et pêche: étude, atténuation des dommages et adaptation dans le contexte du changement climatique”
Submitted and admitted to the II evaluation step
 Requested budget: € 1.472.270
[2018_Premier appel IT_TUN jets standard_Liste projets admis.pdf](#)
- 2018 **Co-writer and team building** for a proposal to the LIFE Programme / priority area Biodiversity: LIFE ALIEN FREE (coordination University of Pisa)
Requested budget: € 800,222
<http://ec.europa.eu/environment/life/themes/biodiversity.htm>
- 2018 **Co-writer and team building** for a proposal the European Neighbourhood Instrument (ENI) Cross-Border Cooperation (CBC) of the Mediterranean Sea Basin. Proposal COAST-ENGAGE:
Admitted to the II evaluation step but finally not funded:
Requested budget: € 2,100,323
<http://www.enpicbmed.eu/enicbmed-2014-2020>

COLLABORATION TO RESEARCH PROJECTS

- 2018-2019 ADVANCE: Automatic Data and Video Acquisition for uNderwater monitoring across Coastal Environments
 ROLE: Collaborating scientist, **Co-writer**
<http://www.jerico-ri.eu/tna/selected-projects/second-call/advance/>
- 2015 EU Project FixO3. FIXED-POINT OPEN OCEAN OBSERVATORIES. Coordinated by NERC-NOC and funded by the European Commission (EC) through the FP7 Capacities/Research Infrastructures Programme
 ROLE: Collaborating scientist, **Co-writer**
 Grant Agreement Number:312463 TNA project Fishout
https://cordis.europa.eu/project/rcn/110489_en.html
- 2013-2015 BALMAS. BALLAST WATER MANAGEMENT SYSTEM FOR ADRIATIC SEA PROTECTION (BALMAS project code is: 1° STR/0005). Cross Border Cooperation 2007-2013.
 ROLE: Collaborating scientist, **Co-writer**
 Disp. N 2301/DG January 8th 2014; O.S. ISPRA Jan 1 2014, N. 180
<http://www.balmas.eu>
- 2010-2011 ANTROMARE Effects of Natural variability and Anthropogenic impacts on diversity and bathyal trophic webs of the deep sea Mediterranean. Funded by Spanish ministry of science and technology.
 ROLE: Collaborating scientist
- 2010-2012 VECTORS. funded by European Community's Seventh Framework Programme (FP7/2007-2013).
 ROLE: Collaborating scientist
- 2008-20010 BIOMARE, CSIC, Consejo Superior de Investigaciones Cientifica, Institut de Ciencies del Mar, CMIMA, Barcelona (Spain).
 ROLE: Collaborating scientist
- 2005-2007 Valutazione dell'efficacia di aree interdette alla pesca a strascico attraverso lo studio di prede e predatori della triglia di fango, *Mullus barbatus* L. VI Piano triennale della pesca e dell'acquacoltura.
 ROLE: Collaborating scientist
 PR ICRAM 6A84
- 2003-2007 B.I.O.P.L.A.T. MONITORING THE FISH BIODIVERSITY AROUND OFFSHORE GAS PLATFORMS. - *Financed by ENI*.
 Prot ICRAM 11352/04 – Date Dec 20th 2005;
 ROLE: Set up of a monitoring technique for the study of fish biodiversity associated to gas platforms, data collection and elaboration
 Prot ICRAM 10840/07 Date Nov 7th 2007
- 2006-2007 MONITAMAL: Sviluppo di un sistema di monitoraggio della qualità ambientale: valutazione dei livelli di contaminazione nelle diverse matrici marine (acque, sedimenti, biota) e dei rischi per la biodiversità marina costiera. Programma di Cooperazione Transfrontaliera INTERREG IIIA Italia-Malta.
 ROLE: Project writing and collaborating scientist
 Prot. ICRAM 787/09 date Jan 23th 2008

- 2005-2007 Studio della Surf-Zone in Tirreno meridionale attraverso l'analisi delle relazioni trofiche tra benthos e comunità ittica.
 ROLE: Collaborating scientist
 Progetto di Ricerca n 242. MIUR
- 2003 Programma ICRAM 216. Approccio ecosistemico per la gestione sostenibile della pesca e la tutela delle specie marine protette del sistema eoliano.
 ROLE: Collaborating scientist
- 2001-2003 A.L.I.E.N. Atlantic and Lessepsian Immigrants Environmental Noises. – *Financed by ICRAM, Central Institute for the Scientific Research Applied to the Sea.*
 ROLE: collaborating scientist
- 2002 PARASSITI E PARASSITOSI DI SPECIE ITTICHE ALLEVATE: PROBLEMI EMERGENTI DELL'ACQUACOLTURA NAZIONALE - *VI piano triennale della pesca e dell'Acquacoltura - legge 41\82.*
 ROLE: collaborating scientist
- 1998-2001 APPROCCIO CONOSCITIVO PER IL CONSOLIDAMENTO DELLE TECNICHE DI RIPRODUZIONE CONTROLLATA DELLA CERNIA DI SCOGLIO (*EPINEPHELUS MARGINATUS*, LOWE 1834) E DELLA RICCIOLA, SERIOLA DUMERILI (RISSO, 1810) - *V piano triennale della pesca e dell'Acquacoltura - legge 41\82.*
 ROLE: collaborating scientist
- 1998-2001 MESSA A PUNTO DI UNA TECNICA PER LA RIPRODUZIONE CONTROLLATA DELLA CERNIA DI SCOGLIO (*EPINEPHELUS MARGINATUS*, LOWE 1834).- *IV piano triennale della pesca e dell'Acquacoltura - legge 41\82.*
 ROLE: collaborating scientist,
 Prot ICRAM 72429 Date Oct 29th 2000
- 1998-2001 SVILUPPO E APPLICAZIONE DI BIOMARKERS DI ESPOSIZIONE ED EFFETTO PER COMPOSTI ESTROGENICI PRESENTI NELL'AMBIENTE MARINO MEDITERRANEO. - *IV piano triennale della pesca e dell'Acquacoltura - legge 41\82.*
 ROLE: collaborating scientist
 Prot ICRAM 72429 Date Oct 29th 2000
- 1994-1997 SUPPORTO SCIENTIFICO ALLA MESSA A PUNTO DI UNA TECNICA PER LA RIPRODUZIONE ARTIFICIALE DELLA CERNIA DI SCOGLIO (*EPINEPHELUS GUAZA*, L. 1758) - *III piano triennale della pesca e dell'Acquacoltura - legge 41\82.*
 ROLE: collaborating scientist
- 1996 RECUPERO DELLO SCARTO DELLA PESCA A STRASCICO E DEI RESIDUI DI LAVORAZIONE DELL'INDUSTRIA DI TRASFORMAZIONE DEI PRODOTTI ITTICI - *III piano triennale della pesca e dell'Acquacoltura - legge 41\82.*
 ROLE: collaborating scientist
- 1996 VALUTAZIONE DELLE RISORSE: GRANDI PELAGICI - *III piano triennale della pesca e dell'Acquacoltura - legge 41\82.*
 ROLE: collaborating scientist

NETWORKING AND MEMBERSHIP

- 2016 - ongoing **President** of CIESM *Mediterranean Science Commission* Committee C6 - Coastal Systems
 RESPONSIBILITIES AND DUTIES: **works closely with the Director General on strategic planning** and on consolidating the scientific cooperation among marine researchers of **23 Member States**. The Commission is currently chaired by H.S.H. Prince Albert II of Monaco.

- <http://www.ciesm.org/people/chairs/index.htm>
[2018_CIESM_Azzurro_Chair_Certificate.pdf](#)
- 2018-ongoing **Affiliated to** (Associatura) Stazione Zoologica di Napoli
<http://www.szn.it/index.php/it/personale/personale-associato>
[2018_Associatura_SZN.pdf](#)
- 2017 - ongoing **Expert member** of the National Committee for Exotic Species in Aquaculture - MIPAAF
 RESPONSIBILITIES AND DUTIES: The committee provides support and consultancy to the **Italian Ministry of Agriculture and Fishery** – DM 339/2008 according to REg (CE) 708/2007: Mipaaf. Prot. 12776 July 28th 2016.
<http://www.registro-asa.it/it/comitato>
[2016_Nomina Comitato Acquacoltura specie esotiche.pdf](#)
- 2008-ongoing **Expert member** of the CIESM *Commission Internationale pour l'Exploration Scientifique de la mer Méditerranée* « Exotic fish task force »
 RESPONSIBILITIES AND DUTIES: **A restricted team of experts** works closely with the CIESM commission to manage and periodically update the CIESM Exotic Fish Atlas, which is currently the most cited reference for exotic species in the Mediterranean Sea. Currently the team is engaged in producing a new paper edition of the fish Atlas.
<http://www.ciesm.org/atlas/appendix1.html>
[2018_CIESM_Azzurro Atlas Certificate.pdf](#)
- 2015- ongoing **Expert** for Food and Agriculture Organization of the United Nations FAO
 RESPONSIBILITIES AND DUTIES: Expert scientist **Promoting scientific cooperation among Mediterranean countries** in line with the Code of Conduct for Responsible Fisheries (UN-FAO). **Coordination** of research actions, support the **transfer of knowledge** and methodological approaches in Mediterranean Countries
<http://www.faoadriamed.org>
 and MedSudMed
<http://www.faomedsudmed.org>
[2018 FAO Certificate.pdf](#)
- 2017 **Consultant** for Food and Agriculture Organization of the United Nations FAO
 RESPONSIBILITIES AND DUTIES: **Provide training** on the use of Local Ecological Knowledge (LEK) methodology. Lead on the field training session
[2017 FAO consultancy signed.pdf](#)
- 2017-2018 **Consultant** for United Nations
 RESPONSIBILITIES AND DUTIES: Provide **technical support/guidance** on capacity needs of Eastern Mediterranean Countries in relation to Non-Indigenous Species (NIS) monitoring; draft basis for **developing a sub-regional monitoring programme** in relation to NIS monitoring.
[2017 contract United Nations signed.pdf](#)
- 2018-ongoing **Expert member** of INVASIVESNET - The global network of networks on invasive species
 RESPONSIBILITIES AND DUTIES: Networking and collaboration with expert scientists around the globe
<https://www.invasivesnet.org/profile/?uid=303>
- 2015-ongoing **Member** of the National Scientific Community of reference for the *Stazione Zoologica di Napoli*
[http://www.szn.it/SZNWeb/showpage/224? languageId =2](http://www.szn.it/SZNWeb/showpage/224?languageId =2)
- 2006-ongoing **Expert** of DAISIE “delivering Alien Invasive Species Inventories for Europe”
<http://www.daisie.ceh.ac.uk/>

2003-ongoing **Collaborator** of Fishbase
file:///Users/ernestoazzurro/Desktop/Documenti%20CV%20copia/Attestati/FishBase_collaborator.htm

EDITORIAL ASSIGNMENTS

2012-ongoing **Associate Editor** of *Aquatic Invasions International Journal of Research on Biological Invasions in Aquatic Systems*
 Protocols REABIC N. 027, February 28th Signed by the editor in Chief V. Panov, PL 3, 00981 Helsinki, FINLAND <http://www.aquaticinvasions.net>
[2017_editor_REABIC_REABIC_.pdf](#)

2012-ongoing **Associate Editor** of *BioInvasion Records, International Journal of Applied research on Biological Invasions*
 Protocols REABIC N. 027, February 28th Signed by the editor in Chief V. Panov, PL 3, 00981 Helsinki, FINLAND <http://www.reabic.net/journals/bir/Editors.aspx>
[2017_editor_REABIC_REABIC_.pdf](#)

WORK EXPERIENCE

- From Dec 2011 - ongoing **Researcher (permanent position) at ISPRA, Italy**
 DUTIES: Scientific responsibility of research projects, group coordination, research, scientific support to governmental organisms
 DURATION: permanent
[2011_contratto_TI_assunzione_ISPRA.pdf](#)
- From 2009 to 2011 **Postdoc ICM-CSIC, Barcelona, Spain.** JAE-doc2008 (already mentioned in the Education section)
 DUTIES: Research, Coordination of a transdisciplinary research group on marine fish invasions, National (Spanish) representative for the project COST action FA1004 European Cooperation in Science and Technology
 DURATION: 2 years
[2008_JAE_doc.pdf](#)
- From 2006 to 2009 **Research contract (fixed-term position) at ISPRA, Italy: EU Project Monltamal**
 DUTIES: Research on the biology and ecology of fishes, monitoring fish abundance and biodiversity
 DURATION: 3 years (including one year of *leaving of absence*)
[ISPRA contracts date 18_05_2006 N protocol 4627/06](#)
[ISPRA contracts date 15_01_2007 N protocol 502/07](#)
[ISPRA contracts date 07_11_2007 N protocol 1084/07](#)
[ISPRA contracts date 23_01_2008 N protocol 787/08](#)
- From 2004 to 2006 **Research contracts: Fish biodiversity around oil platforms” Funding: ENI-ICRAM**
 DUTIES: Scientific coordination of the WP *underwater visual census* around oil platforms. Collection of field data, data elaboration, scientific writing.
 DURATION: 2 years and 6 months
 Date 31/05/2004 - ISPRA protocol 3685/04
 Date 03/05/2004 - ISPRA protocol 2950/04
 Date 20/01/2005 - ISPRA protocol 11352/05
 Date 27/05/2005 - ISPRA protocol 4970/05
[2004_Assegno_ma_2004.jpg](#),

[2004_POC_2004.jpg](#)
[2005_Assegno_DIC2005.jpg](#)
[2005_Assegno_ma_2005.jpg](#)

- From 2003 to 2004 **Research contract: Sustainable fishery in the lagoon of Bilene, Mozambique**
 DUTIES: Meetings with governmental institutions in Mozambique; collection of data on fish diversity and fishery; species identification; writing technical reports.
 DURATION: 3 months
[2003_Attestato Mozambico.pdf](#)
- From 2002 to 2003 **Research grant: Preliminary study on fish communities of Asinara island by visual census"**
 DUTIES: Project writing and ideation; study of coastal fish diversity, underwater data collection; data elaboration; writing of scientific paper and participation to symposia.
 Funding *Ente Parco Asinara*
 DURATION: 1 year
[2004_UVC_Asinara.pdf](#)
- From 2000 to 2002 **Research contract: Messa a punto di una tecnica per la riproduzione controllata della cernia di scoglio (*Epinephelus marginatus*, Lowe 1834).**
 DUTIES: Research activities on experimental trials in both reared and wild dusky groupers. Funding: MIPAAF "IV piano triennale della pesca e dell'Acquacoltura - legge 41\82."
 DURATION: 2 years (one year renewed)
[2000_Assegno.jpg](#)
- From 1995 to 1999 **N 6. Professional contracts by ICRAM**
 DUTIES: Research on marine biology and ecology
 ICRAM, Prot. 47326 – 20.12.96, ICRAM, Prot 44296 – 28.05.96, ICRAM, Prot. 50327 – 21.07.97, ICRAM, prot 52635 – 20.01.98
 DURATION (CUMULATIVE): 3 years
[1995_poc_95.jpg](#);
[1996_poc_96_2.jpg](#)
[1997_jpg_97.pdf](#)
[1998_poc_98.jpg](#)
- 1997 **Research fellowship (assegno di ricercar) at the University of Tor Vergata, Rome**
 DUTIES: Study of parasites of marine animals
 DURATION: one year
[1997_assegno_Tor_Vergata.jpg](#)
- 1991 **Technical contract: Sea Water quality of Mediterranean coasts**
 DUTIES: Coordination and scientific responsibility of the mobile laboratory unit "Asia" performing water analyses (chemical and microbial); water sampling and analyses (chemical and microbial) in Greece, Turkey, Syria and Lebanon. Funding: *ONG Kronos 1991*
 DURATION: 3 months
[1991_kronos.jpg](#)

ACADEMIC ROLES and certifications

- 2018-2024 **QUALIFICATION AS FULL PROFESSOR OF ECOLOGY** by the National Scientific Qualification of MIUR
 Professore Universitario I fascia settore concorsuale 05/C1 Ecologia
 (abilitazione scientifica nazionale 2016-2018 quinto quadrimestre)
<https://asn16.cineca.it/pubblico/miur/esito/05%252FC1/1/5/99982/qiudizi>

[ASN_2018.pdf](#)

2014-2020 **Qualified as Associated Professor of Ecology** by the National Scientific Qualification of MIUR. (Professore Universitario II fascia - settore concorsuale 05/C1 Ecologia). Validity 31/01/2014 - 31/01/2020 <https://abilitazione.cineca.it/ministero.php/public/esitoAbilitati/settore/05%252FC1/fascia/2>

2019-ongoing Contracted professor at the Università Politecnica delle Marche, Ancona, Italy. Copurse: Fishery Biology (48h). [2019_Contratto_UNIVPM_docernza.pdf](#)

2018-ongoing **Co-tutor of the Master Thesis** entitled: *Underwater visual census of climate change indicators* Student Giulia Aversa, University La Sapienza, Roma, Italy.

2018-ongoing **Co-tutor of the Master Thesis** entitled: *Biodiversity changes in the Lesina Lagoon: a Local Ecological Knowledge approach* Student: Alessio Testagrossa, Università Politecnica delle Marche, Ancona, Italy

2015-2017 **Co-tutor of the Master Thesis** entitled. *Application of Local Ecological Knowledge to track fish biodiversity changes along the Tuscan coasts.* Student: Giulio Busoni, Pisa University, Faculty of Biology, Italy <https://etd.adm.unipi.it/t/etd-11202013-083528/>

2017 **Co-tutor of the Erasmus** student Kassandra Anna-Mari Zannaki, Hosted at the CNR-ISMAR Italy University of the Aegean, Academic Year 2016-2017

2017-2018 **Member of the PhD Thesis commission** for the Nice University, ECOMERS. Title of the Thesis: *Impact of Fishing on the Fish Fauna in the North Lebanese coast.* Nice, France [2018_EDSFA Samer Fatfat 2018 07.pdf](#)

2017 **Member of the PhD Thesis Commission** for the Tunis University, Science Faculty, Tunis, Tunisia. Title of the Thesis: *La Faune ichtyologique du golfe de Tunis dans un context de rechauffement climatique.* Presented by W. Boughedir on May 10th 2017. [2017_5_PHD_Commision_Tunis_Boughedir.pdf](#)

2016 **External evaluator of the PhD Thesis** for the Faculty of Biology, Barcelona University, Spain. Title of the Thesis: *Morphological structure and biodiversity in fish assemblages.* Presented by Marc Farré Foix - Faculty of Biology, Barcelona University, Spain http://digital.csic.es/bitstream/10261/134904/4/Marc_Farré_Doctoral_Thesis_0.2.pdf

2015 **Lecturer** for CIRSPE within the framework of the National Project: 'Iniziative di divulgazione e il trasferimento dei risultati delle ricerche su pesca e acquacultura a tutti gli attori del settore'. One intensive seminary entitled: 'Alien fish species in the Mediterranean Sea: State of the art, impacts and monitoring systems'. Hotel San Giorgio, Civitavecchia (RM) 11/11/2015. DURATION: 4h [2015_contratto_Cirspe.pdf](#)

2017 **Lecturer** for the taxonomic identification of exotic species for the purposes of the Marine Strategy Framework Directive, within the convention MATTM-ISPRA. E-learning

2015 **Lecturer** at the Pisa University within the course: *Biology of depths environments and water column:* two seminaries entitled: 1) *Pelagic fishes and biological invasions*; 2. *Taxonomy of pelagic fishes* [2015_docenti_lecturer_MSFD_MATTM_ISPRA.pdf](#)

- 2013 **Lecturer** for IAMC-CNR. Course: taxonomy of marine organisms
 DURATION: **20 h**
[2013_CNR_lezioni.pdf](#)
- 2013 **External evaluator of the PhD Thesis** for the UAB Universidad Autonoma de Barcelona, Spain. Title of the thesis: *Dynamics of benthopelagic food webs of the Catalan slope (NW Mediterranean): environmental drivers and influence on reproductive cycles*. Presented by Vanesa Papiol Nieves, [2013_evaluation_Vanessa.pdf](#)
- 2012 **Member of the PhD Thesis Commission** for the UPT Universitat Politècnica de Catalunya. Thesis entitled: *Indices and Indicators for Integrated Coastal Zone Management with a Landscape Approach. Application to the Adriatic Sea*. Presented by Leonardo Marotta, September 14, 2012.: [2012_PhD_commission_UAB.pdf](#)
- 2012 **Member of the PhD Thesis Commission** for the PhD Thesis for the UB University of Barcelona, Spain. Title of the thesis: *Community associated to the squid fishery (Tehuantepec Gulf, Eastern Pacific, Mexico)*. Presented by Marco Antonio Martinez Muñoz, May 2012.
- 2012 Collaboration with the Palermo University to the scientific activities related to the presence of invasive fish species along the African coast (NordKapp Rib Mission). [2012_spediz_Nordkapp.pdf](#)
- 2009 **Teaching assistant** for the UCSC, University of California in Moorea, French Polinesia. N 27 students.
 DURATION: **5 weeks**
 See certificate pdf: [2009_ASS_teacher_polinesia.pdf](#)
- 2006 **Lecturer** at the University of Palermo and University of Trapani. Course : 1. "Marine biology"; 2 "Igiene e sicurezza dei prodotti dell'acquacoltura".
 Contract signed by G. Verde on Dec 11th 2006
 DURATION: **25h (two months)**
[2008_lezioni_trapani.pdf](#)

PUBLIC ENGAGEMENT and METHODOLOGICAL TRANSFER

- 2019 Member of the teaching board for the National Project 'Scuola d'amare' approved by the MIUR, Italian Ministry of Education, For the theme: 'Climate Change. In collaboration with PADI and DAN. <https://padiproseurope.com/it/il-ministero-delleducazione-approva-scuola-damare-2019/>
- 2010-ongoing **Coordinator** of training sessions and workshops aimed to the transfer of technical procedres if exotic species monitoring to third parties. Long lasting support to actions related to invasive species and small-scale fishery in several **Mediterranean countries** carried out within the framework of EU Projects (BALMAS, MONITAMAL, MPA Adapt) and to support to Basin-scale actions led by FAO, CIESM, GFCM and United Nations
[See present CV at the sections: membership and networking; coordination roles in research projects](#)

- 2011-ongoing **Coordinator** of the project Seawatchers.org - *Invasive fishes*
- RESPONSIBILITIES AND DUTIES: **Coordinating** the *invasive fish* project <http://www.observadoresdelmar.es/proyete-9.php> and to work closely with the global coordinator. Seawatchers.org is an influent portal of citizen science, hosted by the ICM-CSIC of Barcelona, Spain, which currently engage **1731 registered citizens**.
www.sewatchers.org
[2015_seawatchers_certificato.pdf](#)
- 2016-ongoing. **Founder and Project manager** of the Facebook group *Óddfish* (**3.321 registered members** at Sept 2018) aimed to support early detection and exotic species monitoring.
<https://www.facebook.com/groups/1714585748824288/>
- 2017-ongoing **Scientific coordinator** of the **Citizen Science initiative** *5 minutes for Climate*. In Collaboration with PADI and DAN Europe Foundation – Officially associated to the EU-project MPA Adapt
http://padiproseurope.com/it/5-minuti-insieme-sottacqua-per-il-clima-mpa_adapt-con-padi-dan-europe/
- 2015 Development of scientific protocols for Local Ecological Knowledge currently applied in 11 Mediterranean countries
https://www.youtube.com/watch?v=JfYNjypUtb8&list=PLgiaZpXFwy3s6WKz6oC2mEvv64t-e8Tn_&index=4

OUTREACH

DOCUMENTARIES

- 2018 *in prep* **Co-author of the Documentary** *Local Ecological Knowledge and Climate change*. 40 minutes (Deliverable of the Interreg MED project MPA Adapt) (to be delivered in December 2018)
- 2019 23/05/2019 RAI 1 Interview
TG1 - 20.00 -
http://bancadati.datavideo.it/media/20190523/20190523-RAI_1-TG1_2000-204526176m.mp4
- 2018 **Co-author of the Video MPA Adapt:** (Interreg MED project MPA-Adapt)
<https://vimeo.com/280074073>
- 2016 **Co-author of the Video:** *Attenzione al pesce palla maculato*. Published on the youtube channel ISPRA Video
<https://www.youtube.com/watch?v=c2fjI7pYGlg>
- 2015 **Co-writing of the documentary BALMAS** 34:51' - produced by ISPRA available at:
https://www.youtube.com/watch?v=B4_D2myKJHc
- 2008 **Co-writer of the documentary** “MonItaMal - Malta and Lampedusa for the marine environment” (produced by ISPRA, 2008). 23 minutes.
<https://www.youtube.com/watch?v=WQ7Tnu5ekE8>
- 2007 **Participation** to the documentary *Tropicalization de la Mediteranée* (Thalassa, France 3) by Veronique Nizon. 32 minutes
- 2001 **Direction** of the documentary “Marine turtles”. ICRAM, 12 minutes
 ICRAM prot 82291 - Date Jan 01 2001

[2001_doc_ispra.jpg](#); [2001_DOC_Ispra_cover.jpg](#)

NATIONAL TV PROGRAMMES

- 2017 Invited guest to the TV RAI transmission Geo&Geo – Theme of the speech: The invasive *Lagocephalus sceleratus*. Video available at: <http://mediamonitoring.telpress.it/email/viewTextInEmail.php?c=1&n=news20160118&j=1045>
- 2017 Interview to 'Studio Aperto' Mediaset Yv <http://web.pressline.it/VideoPub.aspx?callid=Nazionali-TGCOM24-20171025-123000&start=1000&docid=137222165&query=%22ispra+ambiente%22+%7e100&smode=RootOfTerms&sop=OR&user=PR%2bl3V5jy08GDeibRRWiVw%3d%3d>
- 2017 Participation to the TV RAI transmission Un Mare da Salvare, Speciale Tg1. - Theme of the speech: invasive species <https://vimeo.com/user15948555/maredasalvare#t=120s>
- 2017 Invited guest to the TV RAI transmission Geo&Geo – Theme of the speech: The invasive Lionfish *Pterois miles*. Video available at: <http://www.raisplay.it/video/2017/03/Aspettando-Geo---Geo-129f54c0-2608-4100-be1d-8b5ae7580e5a.html> (Time 1:17 – 1:26)
- 2013 Contributed to: Monitoring Marine Invasive Species in Mediterranean Marine Protected Areas (MPAs) A strategy and practical guide for Managers. Otero, M., Cebrian, E., Francour, P., Galil, B., Savini, D. IUCN, MedPAN Collection. <http://data.iucn.org/dbtw-wpd/edocs/2013-008.pdf>
- 2010 Contributed to: 'Mediterranée splendide fragile vivante. Rocher editor, Institut Océanographique de Monaco. Robert Calcagno & André Giordan, 2010. 175pp.

REVIEWER

REFEREE FOR THE FOLLOWING JOURNALS:

- *Ecology Letters*
- *Biological Invasions*
- *Plos One*
- *Biology Letters*
- *Aquatic invasions*
- *Journal of Fish Biology*
- *Estuarine, Coastal and Shelf Science*
- *Journal of Marine Biological Association UK*
- *Marine Biodiversity Records*
- *Marine Life*
- *Biologia Marina Mediterranea*
- *Marine Ecology*
- *International Journal of Ichthyology*
- *Revista de Biología Marina y Oceanografía*
- *Marine Freshwater Research*
- *Acta Ichthyologica et Piscatoria*
- *Journal of Natural history*
- *Egyptian Journal of Aquatic research*

REFEREE FOR THE FOLLOWING BOOKS

"Life in the Mediterranean Sea: A look at habitat changes" (Noga Stambler, editor)

REFEREE FOR THE FOLLOWING PROJECTS

- 2014 by the "Israel Science Foundation". Research project: "testing the enemy release hypothesis"; Theme: Species traits and invasion: a cross-scale assessment in a changing ocean. Application No 1529/14, Budget: 63 000 US\$.
- 2011 by the American University of Beirut. Renewal of the Research project: Reproductive biology of *Lagocephalus sceleratus* (Teleostei, Tetraodontidae), a new toxic fish in the Mediterranean Sea, Budget: 10,000 US\$.
- 2010 by the American University of Beirut. Research project: Reproductive biology of *Lagocephalus sceleratus* (Teleostei, Tetraodontidae), a new toxic fish in the Mediterranean Sea, Budget: 10,000 US\$.
- 2006 by the "Israel Science Foundation". Research project: "testing the enemy release hypothesis"; Theme: "Lessepsian migration"; Application No 963/06, Budget: 177 795 US\$.
- 2006 by the International foundation for science IFS. Research project: Juvenile pelagic fish assemblages in the coastal waters of Lebanon: biodiversity, biological characteristics, landings, and stock assessment. Applicant No. AA/17627, Budget: 11 800 US\$.
- 2016 United Nations Individual consultant Team Leader - National consultant to develop a GEF-UNDP

ROLE IN CONGRESSES, MEETINGS AND WORKSHOPS

INVITED EXPERT /PANELIST /MEMBER OF SCI-COMMISSIONS TO THE FOLLOWING INTERNATIONAL MEETINGS

2019. Member of the Scientific Committee and Plenary lecturer. RAC-SPA. Mediterranean Symposia on Marine Key Habitats and NIS. January 14-18 2019, Antalya, **Turkey**. <https://sympo.rac-spa.org/event/2/>. [2018_Antalya.pdf](#), [2018_Keynote_Antalya.pdf](#)
2018. Invited speaker to the international workshop organized by Viceconsejería de Medio Ambiente del Gobierno de Canarias and Interreg project MIMAR (Mac 4.6D/066): Análisis de riesgo de las Especies Exóticas introducidas a través de los Puertos, y el Monitoreo y Control de Peces Exóticos. Nov 5-6, Las Palmas, **Canary Island, Spain**. [2018_invited_LasPalmas_MIMAR.pdf](#), [2018_invited_LasPalmas_MIMAR_PROGRAMA.pdf](#)
2018. Invited expert. Horizon Scanning Workshop: Predicting future invasions in EU Seas. October 4-5, JRC, ISPRA, **Italy**. [2018_invited_JRC_HS.pdf](#)
2018. Invited expert. To the international meeting: 'Mise en place d'une approche écosystémique dans la lagune des Bibans (Tunisie)'. Invited by Ministère de l' Agriculture des Ressources Hydrauliques et de la pêche. June, 21-25, **Bibane, Tunisia**. [2018_invited_Bibane_Tunisia.pdf](#)
2018. Invited trainer. Workshop on marine invasive species management in Mediterranean marine protected Areas: Fieldwork training on monitoring AIS. Ayia Napa Municipal Museum 14, Kryou Nerou Avenue.. Organized by IUCN. Ayia Napa 24 to 26 April, **Cyprus**. [2018_invited_IUCN_Cyprus.pdf](#)
2018. Invited expert. CIESM Workshop n° 50 "Direct impacts of marine species on human activities – scientific vs stakeholders perceptions". 18-21 avril 2018, **Paris**. [2018_Agenda_Paris_CIESM.pdf](#)
2018. Invited expert. Mitigation of biological invasions' impacts in the Mediterranean Sea: from theory to practice, 27th -28th March 2018, UZA II building (Geozentrum) of the University of Vienna, **Austria**. [2018_invited_Agenda_Vienna.pdf](#), [2017_invited_Vienna.pdf](#)
2017. Invited expert. Working group on small-scale and recreational fisheries (WGSSF) FAO HQ, 12 Sep (Tue), 2017 - 13 Sep (Wed), 2017, Rome, **Italy**
2017. Invited expert. Workshop CIESM on Exotic fish Atlas. Oceanographic Institute, 11,12 May 2017, Paris, **France**. [2017_invited_CIESM_Paris.pdf](#)
2017. Invited speaker. Journée Nationale d'Etude des Espèces Non Indigènes invasives et leurs impacts sur l'Environnement marin et le secteur de la Pêche et de l'Aquaculture. Auditorium of INAT, September 18, 2017, Tunis, **Tunisia**. [2017_invited_Tunisia.pdf](#)

2017. Invited seminary. Leibniz Institute for freshwater Ecology and Inland Fisheries: *Mediterranean bioinvasions: a magnificent natural experiment for ecological research*, February 23th 2017. **Berlin, Germany**. <http://www.igb-berlin.de/en/veranstaltung/dr-ernesto-azzurro-0>
2017. Invited speaker. Workshop on Small-scale fishery at FAO: Project FAO MedSudMed. Tunis 8-9 May, 2017, Hotel Cartage Thalassa, **Tunis, Tunisia**. [2017_invited_FAO_Tunis.pdf](#)
2017. Invited speaker. Workshop on Small-scale fishery at FAO headquarters. 7-8th November 2017, Rome, **Italy**. [2017_invited_FAO.pdf](#)
2017. Invited speaker. Workshop on Small-scale fishery at FAO: Project FAO AdriaMed, 30-31th January 2017, Rome, **Italy**.
2015. Invited speaker. Monitoring emerging changes in Mediterranean biodiversity: new opportunities arise from Local Ecological Knowledge. Presented at the: International Conference on Mediterranean marine Protected Areas, from threats on the ecosystems to management. 15-17 October 2015, Ancona, **Italy** [2015_invited_Ancona](#)
2015. Invited speaker. Using Local Ecological Knowledge to monitor marine bio-invasions: concepts and applications. 4th Regular BALMAS meeting March 24th - 26th, Durres, **Albania**. [2015_invited_Albania.pdf](#)
- 2015 and 2016 Invited trainer: Parc Natural del Montgri, les Illes Medes I el Baix Ter. *Second census of indicator fish species*. October 2015 and 2016. Estartit, **Spain** [2015_2016_Medes.jpg](#)
2014. Invited speaker: Fish invasion in the Mediterranean Sea: a focus on *Fistularia commersonii* and *Lagocephalus sceleratus* to the AdriaMed - Working Group in Small Scale Fisheries. Organized by FAO at the Institute of Oceanography and Fisheries of Split, December 16-17, 2014, Split, **Croatia**. [2014_invited_FAO_Split_Croatia.pdf](#)
2014. Invited speaker: Training workshop on Climate Change and MPAs organized by MedPAN and RAC/SPA. April 1-4th Cadaques, Spain. [2014_invited_Medpan.pdf](#)
2014. Invited speaker: Emerging approaches in bio-invasion research - 'Marine bioinvasions' workshop. Dan Accadia Hotel in Herzelya Pituach. November 23rd - 26th, 2014, -Tel Aviv, **Israel** [2014_invited_telAviv_Israel.pdf](#)
2013. Invited speaker: to the workshop: Contemporary fish biodiversity changes in coastal and demersal environments. 2013. INAT (Institut National Agronomique de Tunisie), September 24th - October 2nd, 2013, Tunisi, **Tunisia**, [2013_Tunisia.jpg](#)
2013. Invited expert to the international workshop on 'Lessepsian fish species: Ecology, biology and patterns of invasion. **Banyuls, France**. [2013_invited_banyuls_France.pdf](#)
2013. Invited speaker: CIESM Congress, October 28th- November 1st, Marseille, **France**.
2012. Invited speaker: 'Scientific Strategy for a Global Approach to Promote Regional EAF in the Mediterranean Sea' Workshop. Organized by WP6 of FP7-EU-CREAM Project (<http://www.cream-fp7.eu/>). July 3rd-4th 2012, Sete, **France**. [2012_Invited_Sete_France.pdf](#)
2012. COST Action: FA1004: WP2 Meeting. ECOST-MEETING-FA1004-300512-017402. May 30th-31th 2012, **Oristano, Italy** [2012_invited_COST_Sardinia.pdf](#)
2012. Invited expert to the 'International workshop: 'molecular tools for monitoring marine invasive species'. Organized by CONISMA. September 14-16th, **Lecce, Italy**. [2012_invited_Lecce_Italy.pdf](#)
2012. Invited expert to the 'International workshop: Conservation Physiology of Marine Fishes, September 24-26, **Pula, Croatia**. [2012_invited_COST_Croatia.pdf](#)
2010. Invited panelist: 'new options for sustainable fisheries' , 39th CIESM congress. Presentation title: Some potentialities and limits of fishermen participation in biodiversity monitoring programmes. 10-14 may, 2010, Venice, **Italy**:
2010. Invited panellist: 'signs of change' , 39th CIESM congress, Venice 10-14 may,2010: Presentation title: Moschella P., Alberto F., Antoniadou C., Azzurro E.,...and the Ciesm tropical signals team: Ciesm tropical signals program – traking biogeographic trends in a changing sea. 10-14 may, 2010, Venice, **Italy**.
2014. Parc Natural del Montgri, les Illes Medes I el Baix Ter. *First census of indicator fish species*. 14-15 October, 2014. **Estartit, Spain**.
2013. INAT (Institut National Agronomique de Tunisie). *Potentialities of public participation in biodiversity monitoring programmes: A focus on marine invaders*. September 30th 2013, **Tunisi, Tunisia**
2012. UMR 5119 « ECOSYM » research unit "Ecology of coastal marine systems. *Fish invasions in the Mediterranean Sea: Overview and perspectives of study*, July 2nd 2012. **Montpellier, France**.

- 2008 ICM-CSIC. *Climate change and emerging biotic responses in the Mediterranean: cases of study*, July 2nd 2008. **Barcelona, Spain**. [2008_ICM_talk_invited.jpg](#)
2008. CIESM Workshop on *Mediterranean biogeographic indicators of global warming*. May 28th-31th 2008, Helgoland, **Germany**. [2008_Helgoland Wk35_2008.pdf](#)
2008. University of Malta. *Biodiversity, alien species and climate change: application of visual census techniques*, June 20th 2008. **Valletta, Malta**.

INVITED SPEAKER TO NATIONAL CONFERENCES

2018. Migrazioni di Mare: Natura e Cultura. Stazione Zoologica Anton Dohrn, Naples, Italy. December 11th. <https://www.youtube.com/watch?v=g9NpJf4iM14> [2018_12_Napoli.pdf](#)
2016. Local Ecological Knowledge. Infoday il progetto BALMAS. Palace Hotel, Bari July 14th
2014. Mediterraneo tropicale: specie esotiche nei nostril mari: climatici e biodiversità: il caso del Mar Mediterraneo. Tellaro (Lerici) SP, October 12th
2013. Invited speaker: Monitoring the changing Mediterranean fish diversity: the promise of community-based actions". XXXIX Congresso della Società Italiana di Biogeografia, 29-31 maggio, 2013, Rapallo, **Italy**.
2011. Invited expert: Conservation physiology of marine fishes Conference: European project: COST Action. September 26th-28th 2011, Porto, **Portugal**. [2011_invited_porto.pdf](#)
2010. Cambiamenti climatici e biodiversità: il caso del Mar Mediterraneo: Fermo, piazza del popolo, 9/4/2010 "Parliamo di scienza", Lipu, Comune di Fermo, Provincia di Fermo.
2006. Cambiamenti globali e tropicalizzazione: nuove specie esotiche in Mediterraneo ed in Adriatico. Comune di Fermo, Centro Congressi San Martino, 19/04/2006 <http://www.lifeland.it/news.asp?cat=84> ; [2006_convegno ClimacheCambia.pdf](#)
2010. Oltre la "Citizen Science": studenti volontari ed il programma tropical signals" I° Convegno Annuale For-Mare O.n.I.u.s. Volontariato e ricerca nelle aree marine protette: risultati scientifici dei corsi for-mare 2010. 17 Dic 201Aula Magna, Università degli Studi di Pavia

INVITED TO THE FOLLOWING INTERNATIONAL FIELD SURVEYS

- May 2018. INAT Tunis. Local Ecological Knowledge Survey along the Tunisian coasts, **Tunisia**
- March, 2008. ICM_CSIC, Barcelona, Spain. Trawl-survey in the deep waters of the Catalan Sea, with the Vessel "Garcia del Cid"., **Spain** [2008_campagna_biomare.jpg](#)
- July 23th – August 4th 2008. ICRAM, "Mytiad"; Vessell: Astrea. Adriatico: **Italia, Slovenia, Croazia, Montenegro, Albania**. [2008_campagna_mytiad.jpg](#)

PARTICIPATION TO OTHER CONGRESSES

2011. VII International Conference on Marine Bioinvasions. CosmoCaixa Science Museum, August 23th-25th 2011, Barcelona, **Spain**.
2011. Outbreaks and Alien species workshop. European project: VECTORS of Change. May 29th-31th 2011, Rome, **Italy**.
2011. MedSeA Training Workshop. "CO2 vents as natural laboratories for ocean acidification studies" MedSeA Training Workshop. May 25th-27th 2011, Vulcano Island, **Italy**.
2011. First Meeting of the Management Committee of COST Action FA1004: Conservation Physiology Of Marine Fishes. May 22th-24th 2011, Bruxelles, **Belgium**.
2010. Ocean Past, Dublin, **Ireland**.
2010. XXXIX CIESM Congress, Venezia. **Italy**.
2009. CIESM. Launching Meeting of the CIESM programme 'Tropical signals'. March 5th-7th, Menton, **France**.
2007. XII European Congress of Ichthyology, 9-13 Sept, Cavtat (Dubrovnik). **Croatia**
2007. XXXVIII CIESM Congress, 9-13 Apr, Istanbul, **Turkey**.
2004. XXXVIII European Marine Biology Symposium, 21-24 Jul., Genoa, **Italy**
2004. XXXV Symposium SIBM, 19-20 Jul., Genoa, **Italy**
2002. IX national symposium on Fish Patology, 3-5 October , Lucca, **Italy**.
2000. XXXI Symposium SIBM. 14-21May, Sharm el Sheik, **Egypt**.
1999. International Symposium of Fish Physiology. 4-9 Jul. Bergen, **Norway**.
1999. XXX Symposium SIB. 7-12 Jun, Vibo Valentia, **Italy**.

1998. International Symposium on Mediterranean Groupers. 5-7 Nov. Ile des Embiez, France
1998. XXXIII International Symposium on New Species for Mediterranean Aquaculture, 22-24 Apr., Alghero, Italy.
1998. XXIX Symposium SIBM. 15-20 Jun., Ustica, Italy_ 1994. XXVI Symposium SIBM. 22-27 May, Sciacca, Italy.

ORGANIZATION OF SYMPOSIA

2011 VII INTERNATIONAL CONFERENCE ON MARINE BIOINVASIONS. CosmoCaixa Science Museum, Barcelona, Spain 23-25 August 2011. Entitled 'Advances and Gaps in Understanding Marine Bioinvasions'. Advisors Judith Pederson, MIT Sea Grant College Program, USA Jim Carlton, Williams College, USA. Local organizing committee and Organization of a special session entitled: The Mediterranean crossroad: new species in an ancient sea.

<http://www.marinebioinvasions.info/files/ICMBVII.pdf> 2011_ICMB_LtrOfCert_Azzurro_E.pdf

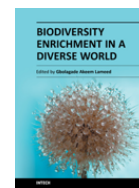
PUBLICATIONS

BOOKS

1. Golani D, Orsi-Relini L, Massuti E, Quingnard JP, Dulčić J, **Azzurro E.** (2011-2013). CIESM Atlas of Exotic Fishes in the Mediterranean. <http://www.ciesm.org/atlas/appendix1.html>.

BOOK CHAPTERS AND MONOGRAPHS

1. **Azzurro E.** 2018. Local Ecological Knowledge: witness of a changing sea. Pp. 39-45 In CIESM Monograph 50 (F. Briand Ed.) Engaging marine scientists and fishers to share knowledge and perceptions – Early lessons [F. Briand, Editor], 218 pages. CIESM Publisher, Paris, Monaco.
2. Briand F. (Editor). 2018. Engaging marine scientists and fishers to share knowledge and perceptions – An overview. In book: CIESM Monograph n° 50. Engaging marine scientists and fishers to share knowledge and perceptions – Early lessons [F. Briand, Editor], 218 pages. CIESM Publisher, Paris, Monaco.
3. **Azzurro E.** 2016. New species in the Adriatic Sea: what to do, how to recognize them. A guide for small-scale and sport fishing. ISPRA, Quaderni Ricerca Marina n. 9 bis/2016 ISBN 978-88-448-0786-3 Available at http://www.isprambiente.gov.it/files/pubblicazioni/quaderni/ricercamarina/Quad_RicMar_9bis_16_Balmas.pdf
4. Kalogirou S., **Azzurro E.**, Bariche M. 2012. The Ongoing Shift of Mediterranean Coastal Fish Assemblages and the Spread of Non Indigenous Species. In: "Biodiversity Enrichment in a Diverse World", Edited by Gbolagade Akeem Lameed, ISBN 978-953-51-0718-7, Published: August 29, 2012 under CC BY 3.0 license
2. **Azzurro, E.** 2010. *Unusual occurrences of fish in the Mediterranean Sea: an insight on early detection.* In: D. Golani & B. Appelbaum-Golani (Eds.). Fish Invasions of the Mediterranean Sea: change and renewal. Pensoft Publishers, Sofia-Moscow. Pp 99-126. ISBN: 978-954-642-526-3.
3. Bernardi G., Golani D., **Azzurro E.** 2010. *The genetics of Lessepsian bioinvasions.* In: D. & B. Golani (eds.). In: D. Golani & B. Appelbaum-Golani (Eds.). Fish Invasions of the Mediterranean Sea: change and renewal. Pensoft Publishers, Sofia-Moscow. Pp 71-84. ISBN: 978-954-642-526-3
4. **Azzurro E.**, 2008. *The advance of thermophilic fishes in the Mediterranean Sea: overview and methodological questions.* In: *Climate warming and related changes in Mediterranean marine biota. N° 35 in CIESM Workshop Monographs [F. Briand, Ed.]*, 152 pages, Monaco. Pp 39-46. ISSN: 1726-5886
5. Boero N., Féral J.P., **Azzurro E.**, Cardin V., Riedel B., Despalatović M., Munda I., Moschella P., Zaouali J., Fonda Umani S., Theocharis A., Wiltshire K. and F. Briand, 2008. *Executive summary of N° 35 CIESM Workshop Monographs (Climate warming and related changes in Mediterranean marine biota) [F. Briand, Ed.]*, 152 pages, Monaco. Pp 5--21. ISSN: 1726-5886



POPULAR BOOKS

1. Fanelli E., **Azzurro E.** 2018. Occhi di Mare. Un tuffo nella biologia marina per i più piccoli. ISBN 978-88-826-364-7. ENEA Publisher, Printed in Italy. http://www.iclerici.gov.it/pvw/app/default/pvw_img.php?sede_codice=SPME0039&doc=2217994



ISI PAPERS WITH REPORTED IMPACT FACTOR (FIRST 3 HIGHLIGHTED)

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HIGHLIGHTED ACHIEVEMENTS

Ideation of innovative monitoring methods for measuring resource and biodiversity changes (*LEK 1* and *LEK 2* protocols) currently adopted at the regional Mediterranean Scale (**11 Mediterranean countries** involved

so far; **71 research teams**). Formal endorsements by FAO; CIESM; Interreg Project BALMAS and MPA Adapt, UNEPMAP. Endorsement by GFCM – United Nations (UNEPMAP) *in course of evaluation*.

Garrabou, J., Bensoussan, N., & Azzurro, E. (2018). Monitoring Climate-related responses in Mediterranean Marine Protected Areas and beyond: FIVE STANDARD PROTOCOLS. Edited by: Institute of Marine Sciences, Spanish Research Council ICM- CSIC, Passeig Marítim de la Barceloneta 37–49, 08003 Barcelona, Spain. 36 pp. <https://digital.csic.es/handle/10261/176395>

AWARDS

In 2011, the paper of Azzurro et al, *Tracking signals of change in Mediterranean fish diversity based on local ecological knowledge*. (Plos One 2011), has been selected and evaluated by the ‘Faculty of 1000 (F1000)’, which placed the work in their library of the top 2% of published articles in biology and medicine. <http://f1000.com/13308956>. F1000 Factor 6.0 Recommended Evaluated by Di Franco A, Claudet J: 2011. F1000.com/13308956



[2011_ F1000.pdf](#)

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Tutte le dichiarazioni rese e sottoscritte nel CV allegato alla domanda in oggetto, anche in mancanza di relativo attestato, sono veritiere. Queste includono gli studi compiuti, i titoli conseguiti, le esperienze professionali compiute, le responsabilità, i risultati conseguiti e le istituzioni pubbliche presso le quali sono queste compiute, nonché ogni altra attività scientifica e/o tecnica e/o professionale esercitata, incluse le pubblicazioni.

Si autorizza la pubblicazione del presente CV sul web

Ancona, lì 01 Giugno 2019