



Food and Agriculture
Organization of the
United Nations



General Fisheries
Commission for
the Mediterranean

FISH FORUM

ANTALYA



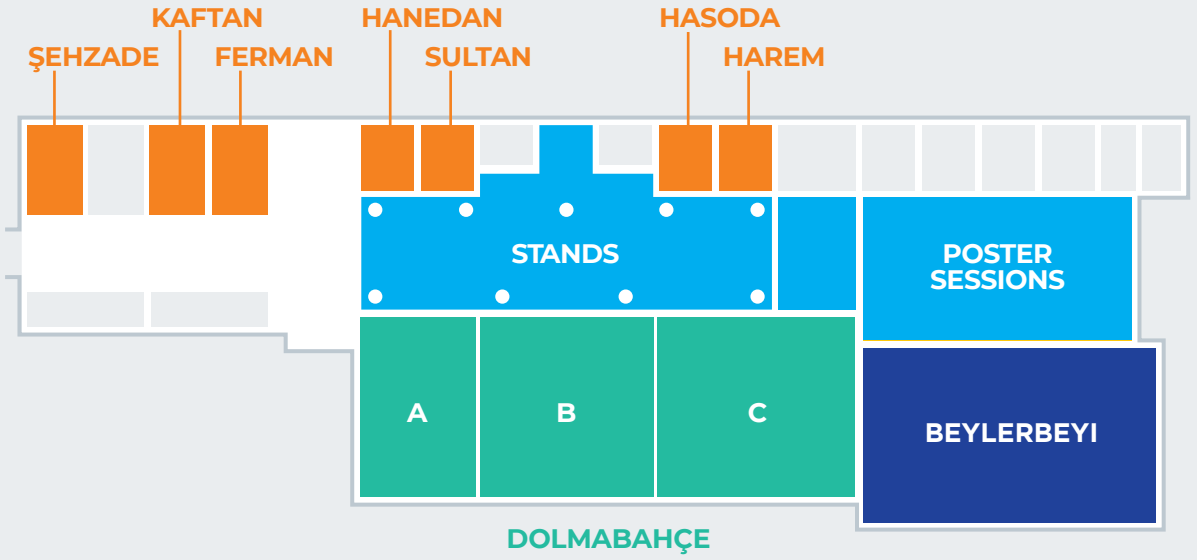
2024





Forum on
fisheries science
in the Mediterranean
and the Black Sea

19-23 FEBRUARY 2024

TÜRKİYE

Programme



-  PLENARY
-  PARALLEL SESSIONS
-  WORKSHOPS
-  FOYER: STANDS, POSTER SESSIONS AND COFFEE BREAKS



Programme

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**MONDAY,
19 FEBRUARY
2024**



Forum Convenor:
Miguel Bernal, GFCM Executive Secretary

10.30–17.30

Participant registration

11.00

Opening of partners' stands

12.00–14.00

Welcome lunch

TECHNICAL WORKSHOPS
(with coffee stations in the foyer)

14.00–17.30
HANEDAN

Workshop 1
Mitigating multitaxa fisheries interactions in the Mediterranean: a collaborative approach to monitor and reduce vulnerable species bycatch and dolphin depredation

ACCOBAMS, GFCM, UNEP/MAP-SPA/RAC, IUCN-Med, MEDASSET, BirdLife Europe and Central Asia, WWF and Turkish Marine Research Foundation

14.00–16.00
SULTAN

Workshop 2
Extending social protection coverage to the fisheries and aquaculture sector

FAO, GFCM and Autonomous University of Barcelona

15.00–18.00
FERMAN

Workshop 3
Smart tools and digital twins of the ocean: unlocking data access for evidence-based policymaking for sustainable fisheries management

American University of Armenia, UNEP/MAP-SPA/RAC and FAO

15.00–18.00
HASODA

Workshop 4
Perspectives and efforts to deter illegal, unreported and unregulated fishing in the southern Mediterranean: CAPFISH project

World Maritime University

15.00–18.00
ŞEHZADE

Workshop 5
Uniting forces for sustainable fisheries through digital collaboration and innovative technologies

Global Fishing Watch and Fish-X

15.00–18.00
HAREM

Workshop 6
Fish stock identification using morphological markers

Karadeniz Technical University





TUESDAY, 20 FEBRUARY 2024

08.30–09.00

Participant registration

09.00–09.30

BEYLERBEYI

*Interpretation in English,
French and Turkish*

OFFICIAL OPENING

- **Roland Kristo**, Chairperson, GFCM
- **H.E. İbrahim Yumaklı**, Minister of Agriculture and Forestry, Türkiye
- **Manuel Barange**, Assistant Director General, FAO (video message)
- **Charlina Vitcheva**, Director General for Maritime Affairs and Fisheries, European Commission
- **Vladimir Ryabinin**, Executive Secretary, IOC-UNESCO (video message)

09.30–10.15

BEYLERBEYI

*Interpretation in English,
French and Turkish*

OPENING PRESENTATION

Challenges in connecting science to fisheries management: an International Council for the Exploration of the Sea perspective

- **Alan Haynie**, General Secretary, ICES

THEME SESSION 1

BETTER SCIENCE FOR BETTER ADVICE

10.15–11.00

BEYLERBEYI

*Interpretation in English,
French and Turkish*

Back to the future: better science for better advice in the Mediterranean and the Black Sea

- **Elisabetta Betulla Morello**, Fishery Resources Officer, GFCM

11.00–11.15

Coffee break

11.15–12.00

BEYLERBEYI

*Interpretation in English,
French and Turkish*

Parallel session 1.1

Good practices in data and resource limited assessments

Chairpersons:

Reda Fahim, Head of Fisheries Department, Arab Academy for Science, Technology and Maritime Transport, Egypt

Anne Marie Cooper, Professional Officer for Fisheries and Aquaculture Advice, ICES

- **Nawel Ainouche**, Researcher, National Centre for Research and Development in Fisheries and Aquaculture, Algeria:
Improvement of biological knowledge for demersal priority species in geographical subarea 4



- **Mariona Garriga-Panisello**, Technician and Young Researcher, Catalan Institute for Ocean Governance Research and Institute of Marine Sciences of the Spanish National Research Council, Spain: *Spatial dynamics of otter bottom trawl fishery métiers in the northwestern Mediterranean: applications for management strategies*
- **Nuria Zaragoza**, Higher Degree in Technical Activities, Oceanographic Centre of the Balearic Islands, Spanish Institute of Oceanography of the Spanish National Research Council, Spain: *Assessment of common octopus (*Octopus vulgaris*) in the Balearic Islands: comparing different data sources and methods*

11.15–12.00
DOLMABAĞÇE A

Parallel session 1.2

Assessing fisheries under changing climate and productivity

Chairpersons:

Diego Alvarez-Berastegui, Researcher, Spanish Institute of Oceanography of the Spanish National Research Council, Spain and European Delegate, ICCAT
Tarûb Bahri, Fishery Resources Officer, FAO

- **Ali Cemal Gucu**, Professor, Institute of Marine Sciences of the Middle East Technical University, Türkiye: *Connectivity and unit stock of the Black Sea turbot (*Scophthalmus maximus*)*
- **Manuel Hidalgo**, Research Scientist, Spanish Institute of Oceanography of the Spanish National Research Council, Spain: *Climate change and seasonal dynamics of bottom-trawl fisheries landings in the western Mediterranean*
- **Walter Zupa**, Researcher, Fondazione COISPA ETS, Italy: *Assessing climate impacts on fish and fisheries spatial distribution in the Adriatic–Ionian region*

11.15–12.00
DOLMABAĞÇE B

Parallel session 1.3

Management strategy evaluation for fisheries advice

Chairpersons:

Eyüp Mümtaz Tirasin, Faculty Member, Institute of Marine Sciences and Technology of Dokuz Eylul University, Türkiye
Kostiantyn Demianenko, Deputy Director on Science, Institute of Fisheries and Marine Ecology of Ukraine, Ukraine

- **Marta Ballesteros**, Researcher, Marine Technology Centre, Spain: *Ready and steady before going: lessons on advancing towards marine strategy evaluation in Spanish fisheries*





	<ul style="list-style-type: none"> • Antonio Calo, Assistant Professor, University of Palermo, Italy: <i>Marine protected area effects on small-scale fisheries: a multi-area study from the Mediterranean</i> • Matic Jancic, Researcher, University of Primorska, Slovenia: <i>Inadequacy of protected species bycatch monitoring in bottom set-net fisheries in the eastern Adriatic Sea</i>
12.00–14.30	Side events and lunch break
12.00–13.30 DOLMABAŦE A	Untangled: opportunities and challenges in tackling marine plastic pollution from (ghost) fishing gear OceanCare
12.00–13.30 DOLMABAŦE B	Standardization as a tool for sustainable fisheries ISO Technical Committee 234 on fisheries and aquaculture
12.00–13.30 DOLMABAŦE C <i>Interpretation in Croatian, English, French, Greek, Italian and Spanish</i>	New generation of fishers: new challenges for the sector with a vision for the future MEDAC
12.00–13.30 KAFTAN	Special workshop toward the establishment of a GFCM network of experts on climate change GFCM
14.30–16.45 BEYLERBEYI <i>Interpretation in English, French and Turkish</i>	<p>Parallel session 1.1 Good practices in data and resource limited assessments</p> <ul style="list-style-type: none"> • Vicenc Molto, Research Assistant, Spanish Institute of Oceanography of the Spanish National Research Council, Spain: <i>A multiannual and multifleet generalized depletion model for the stock assessment of common dolphinfish (Coryphaena hippurus)</i> • Pablo Couve, Predoctoral Researcher, Institute of Marine Sciences of the Spanish National Research Council, Spain: <i>Towards a multispecies maximum sustainable yield for the northwestern Mediterranean Sea</i> • Yunus Emre Fakioglu, Fishery Resources Specialist (bycatch and gear technology), GFCM: <i>Piked dogfish (Squalus acanthias) bycatch in the Turkish Black Sea demersal trawl fishery</i> • Alessandro Lucchetti, First Researcher, Institute for Biological Resources and Marine Biotechnologies of the National Research Council, Italy: <i>Preliminary ecological risk assessment of megafauna for fishery effects in Mediterranean using productivity–susceptibility analysis</i>

- **Gokhan Gokce**, Academic, Cukurova University, Türkiye: *Remote estimation of fishing effort using Global Fish Watch automatic identification system data: a case study*
- **Yann Laurent**, Consultant Fisheries Statistics and Management Information Systems, FAO: *The Global Record of Stocks and Fisheries: unique identifiers in support to sustainable fisheries*

14.30–16.45
DOLMABAĞÇE A

Parallel session 1.2

Assessing fisheries under changing climate and productivity

- **Grégoire Certain**, Fisheries Ecologist, French Research Institute for Exploitation of the Sea, France: *Identifying the major biotic and abiotic factors of fish dynamics using multivariate time series analysis*
- **Jean-Noel Druon**, Scientific Officer, JRC, European Commission: *How does the productivity of plankton available to fish vary?*
- **Simone Libralato**, Senior Scientist, National Institute of Oceanography and Applied Geophysics, Italy: *A shared ecosystem approach to fisheries in the Adriatic Sea*
- **Manuel Hidalgo**, Research Scientist, Spanish Institute of Oceanography of the Spanish National Research Council, Spain: *Stock boundaries and connectivity processes in a transition ecosystem: lessons learned from the TRANSBORAN project*
- **Myriam Khalfallah**, Early-career Scientist, University of British Columbia, Canada: *Century-long impacts assessment of climate change and fishing pressure on the Egyptian Mediterranean fishery*
- **Tarek Hattab**, Researcher, French Research Institute for Exploitation of the Sea, France: *Comparison of the space-time dynamics of clupeiformes habitats in Mediterranean and Atlantic French seas*

14.30–16.45
DOLMABAĞÇE B

Parallel session 1.3

Management strategy evaluation for fisheries advice

- **Nazli Demirel**, Academic Researcher, Institute of Marine Sciences and Management of Istanbul University, Türkiye: *Fishing impact assessment indicates an ecosystem approach to fisheries*
- **Konstantinos Tsagarakis**, Researcher, Hellenic Centre for Marine Research, Greece: *The eastern Ionian demersal fishery: a first step towards an ecosystem approach to fisheries management*
- **Merve Karakus**, Researcher, MEDFRI, Türkiye: *We want to manage non-indigenous fish species, but do we know everything about them?*



TUESDAY, 20 FEBRUARY 2024

	<ul style="list-style-type: none">• Georgios Kerametsidis, PhD Candidate, Spanish Institute of Oceanography of the Spanish National Research Council, Spain: <i>A transdisciplinary approach to assess the connectivity of a highly exploited species: implications for management</i>• Magda Nenciu, Scientific Researcher, National Institute for Marine Research and Development “Grigore Antipa”, Romania: <i>Assessing the potential beam-trawling impact on Black Sea habitats aiming at sustainable fisheries management</i>• Julio Agujetas, Fisheries Manager, MSC, Spain: <i>Improving the design of integrated assessment and management systems in octopus fisheries</i>
16.45-17.15	Coffee break
17.15–18.00 BEYLERBEYI <i>Interpretation in English, French and Turkish</i>	Expert roundtable: The science–policy interface Moderator: Elisabetta Betulla Morello , Fishery Resources Officer, GFCM <ul style="list-style-type: none">• Charlina Vitcheva, Director General for Maritime Affairs and Fisheries, European Commission• Alan Haynie, General Secretary, ICES• Tatjana Hema, Coordinator, UNEP/MAP• Abdelmalek Faraj, Director, National Institute for Fisheries Research, Morocco
18.00–19.00 BEYLERBEYI FOYER	Poster session (with coffee and refreshments)
18.30–19.30	Welcome reception Offered by Türkiye



**WEDNESDAY,
21 FEBRUARY
2024**



09.00–9.45
BEYLERBEYI
*Interpretation in English,
French and Turkish*

OPENING PRESENTATION

The experience of the International Commission for the Conservation of Atlantic Tunas on the implementation of an ecosystem approach to the fisheries management

- **Camille Manel**, Executive Secretary, ICCAT

THEME SESSION 2

HEALTHY SEAS AND SUSTAINABLE FISHERIES

9.45–10.30
BEYLERBEYI
*Interpretation in English,
French and Turkish*

Integrated fisheries management: running before we can walk?

- **Simone Libralato**, Senior Scientist, National Institute of Oceanography and Applied Geophysics, Italy

10.30–11.00

Coffee break

11.00–12.00
BEYLERBEYI
*Interpretation in English,
French and Turkish*

Parallel session 2.1

Advancing fisheries management through marine spatial planning

Chairpersons:

Giacomo Chato Osio, Science and Policy Officer, European Commission

Violin Raykov, Fisheries Biologist, Institute of Fish Resources and the Institute of Oceanology of the Bulgarian Academy of Sciences, Bulgaria

- **Giampaolo Buonfiglio**, Vice-Chairperson, MEDAC: *Mediterranean Advisory Council contribution to marine spatial planning*
- **Antonio Di Franco**, Senior Researcher, Stazione Zoologica Anton Dohrn Napoli, Italy: *Effects of marine protected areas on fishing activities: the case of the European Union Mediterranean and Black Sea*
- **Susan Gallon**, Scientific Manager, MedPAN: *Status and way forward for sustainable small-scale fisheries in Mediterranean marine protected areas*

11.00–12.00
DOLMABAÇE A

Parallel session 2.2

Innovation and adaptation in building resilience to climate change impacts

Chairpersons:

Anis Zarrouk, Biodiversity Programme Coordinator, UNEP/ MAP-SPA/RAC

Manuel Hidalgo, Research Scientist, Spanish Institute of Oceanography of the Spanish National Research Council, Spain



- **Huseyin Akbas**, Head of Department, Ministry of Agriculture and Forestry, Türkiye: *Fuel use and carbon footprint of the Turkish Atlantic bluefin tuna (Thunnus thynnus) fleet*
- **Margaux Janin**, Network Coordinator, BlueSeeds: *Subsidies from the European Maritime Fisheries and Aquaculture Fund: prefinancing facility for small-scale Mediterranean fishers*
- **Umberto Grande**, Researcher, Institute for Biological Resources and Marine Biotechnologies of the National Research Council, Italy: *Assessing natural capital and ecosystem services in the Strait of Sicily: a multimethodological approach*

11.00–12.00
DOLMABAĞÇE B

Parallel session 2.3

Effective measures for protecting vulnerable species

Chairpersons:

Andrew Kenny, Principal Ecosystem Scientist and Marine Benthic Ecologist, Centre for Environment, Fisheries and Aquaculture Science, United Kingdom

Emanuela Fanelli, Associate Professor of Ecology and Fishery Biology, Polytechnic University of Ancona, Italy

- **Eva Daskalaki**, Scientific Associate, Aristotle University of Thessaloniki, Greece: *Top predators of the Mediterranean Sea as indices of functional and phylogenetic diversity*
- **İlhan Aydın**, Senior Expert on Fisheries and Aquaculture, Ministry of Agriculture and Forestry, Türkiye: *Conservation genetics and restoration strategies for endangered sturgeon species in the Black Sea*
- **Simone Niedermueller**, Regional Projects Manager, WWF-Med: *Sustainable fishery management strategies for demersal elasmobranchs in the Mediterranean: insights from Italian case studies*

12.00–14.30

Side events and lunch break

12.00–13.30
DOLMABAĞÇE A

Introducing adviceXplorer: a new app that makes ICES fisheries advice interactive and accessible
ICES

12.00–13.30
DOLMABAĞÇE B

Success stories from sustainable small-scale fisheries in Mediterranean marine protected areas
MEDPAN

12.00–13.30
DOLMABAĞÇE C

Black Sea sturgeons: solutions to preserve iconic migratory species threatened with extinction
GFCM and WWF-Med

12.00–13.30
KAFTAN

Collaboration among Mediterranean and Black Sea research institutes
GFCM

14.30–16.45

BEYLERBEYI

*Interpretation in English,
French and Turkish*

Parallel session 2.1

Advancing fisheries management through marine spatial planning

- **Beatriz Guijarro**, Researcher, Spanish Institute of Oceanography of the Spanish National Research Council, Spain: *Potential effects of an extension of the deep-water bottom trawl ban of the western Mediterranean*
- **Fatima Zohra Hassouni**, Head of the Sustainability and Fisheries Resources Management Division, Ministry of Agriculture, Maritime Fisheries, Rural Development and Water and Forests, Morocco: *Pioneering marine spatial planning in Morocco: an opportunity to articulate conservation and development*
- **Souad Lamouti**, Researcher, National Centre for Research and Development in Fisheries and Aquaculture, Algeria: *Mapping benthic biocenosis of Bou Ismail Bay with a focus on sensitive habitats, essential fish habitats and vulnerable marine ecosystems*
- **Jade Millot**, PhD Student, Joint Research Unit for Marine Biodiversity, Exploitation and Conservation and French Research Institute for Exploitation of the Sea, France: *Vulnerable marine ecosystems conservation and spatial planning in the Mediterranean*
- **Aytac Ozgul**, Researcher, Ege University, Türkiye: *Strategic infrastructure for improved animal tracking in European seas*
- **Walter Zupa**, Researcher, Fondazione COISPA ETS, Italy: *Assessing benthic state in the Adriatic-Ionian region for spatial fishery management*
- **Irida Maina**, Researcher, Hellenic Centre for Marine Research and Institute of Marine Biological Resources and Inland Waters, Greece: *Mapping fisheries distribution in data limited cases: a spacetime tool applied in the Adriatic-Ionian region*
- **Antonio Di Franco**, Senior Researcher, Stazione Zoologica Anton Dohrn Napoli, Italy: *Assessing spatial reallocation of fishing activities in response to marine protected area implementation*
- **Elisabetta Betulla Morello**, Fishery Resources Officer, GFCM: *Identifying other effective area-based conservation measures in the Mediterranean and the Black Sea*

14.30–16.45

DOLMABAĞÇE A

Parallel session 2.2

Innovation and adaptation in building resilience to climate change impacts

- **Alaa Eldin Ahmed Elhaweet**, Ex-Dean of the College of Fisheries Technology and Aquaculture, Arab Academy for Science, Technology and Maritime Transport, Egypt: *Assessment of socioeconomic impacts of non-indigenous species in the Mediterranean Sea*





- **Mustafa Tunca Olguner**, Science Expert, Mediterranean Conservation Society, Türkiye: *Impact of invasive edible species on Mediterranean small-scale fisheries*
- **Olfa Ben Abdallah**, Researcher, National Institute of Marine Sciences and Technology, Tunisia: *Blue crab in Tunisia: from a crisis to an opportunity*
- **Ioannis A. Theodorou**, Associate Professor, University of Patras, Greece: *The way from invasion to commercialization of illegal, unreported and unregulated rayed pearl oyster (*Pinctada radiata*) fisheries in Greece*
- **Aylin Ulman**, Fish Scientist, Mersea Marine Consulting, Türkiye: *From pest to luxe: turning invasive pufferfish into exotic fish leather*

14.30–16.45
DOLMABAĞÇE B

Parallel session 2.3

Effective measures for protecting vulnerable species

- **Pierluigi Carbonara**, Researcher, Fondazione COISPA ETS, Italy: *Bycatch monitoring and mitigation strategies for pelagic longlines in the southern Adriatic Sea*
- **Nolwenn Cosnard**, Project Manager, Producer Organization SATHOAN, France: *Monitoring bycatch and implementing mitigation measures in a French Mediterranean bluefin tuna (*Thunnus thynnus*) longline fishery*
- **Alessandro Lucchetti**, Senior Researcher, Institute for Biological Resources and Marine Biotechnologies of the National Research Council, Italy: *Providing a standard turtle excluder device for Mediterranean bottom trawl fisheries*
- **Bechir Saidi**, Teacher Researcher, Faculty of Science and Technology of Sidi Bouzid, and National Institute of Marine Sciences and Technology, Tunisia: *Evaluation of bycatch mitigation strategies for vulnerable marine megafauna in the Gulf of Gabès*
- **Caroline Mathilde Bousquet**, Marine Biologist, Stella Mare Platform of the University of Corsica and National Centre for Scientific Research, France: *Working with fishers: an essential collaboration to collect data on angelshark (*Squatina squatina*) in Corsica*

16.45–17.15

Coffee break





17.15–18.00

BEYLERBEYI

*Interpretation in English,
French and Turkish*

Expert roundtable: What science do we need to address international agreements?

Moderator:

Nicola Ferri, Senior Compliance and Institutional Adviser, GFCM

- **David Cooper**, Acting Executive Secretary, CBD Secretariat (video message)
- **Vera Agostini**, Deputy Director of the Fisheries and Aquaculture Division, FAO
- **Dmitry Gonchar**, Principal Legal Officer, UNDOALOS
- **Francis Neat**, Head of Specialization, Ocean Sustainability, Governance and Management, World Maritime University
- **Camille Manel**, Executive Secretary, ICCAT
- **Mohammed Malouli Idrissi**, Chairperson of the Scientific Advisory Committee on Fisheries, GFCM

18.00–19.00

BEYLERBEYI FOYER

Poster session

(with coffee and refreshments)



**THURSDAY,
22 FEBRUARY
2024**



09.00–9.45

BEYLERBEYI

*Interpretation in English,
French and Turkish*

OPENING PRESENTATION

Mainstreaming biodiversity in the fisheries and aquaculture sectors: information and opportunities

- **Vera Agostini**, Deputy Director of the Fisheries and Aquaculture Division, FAO

THEME SESSION 3

ECONOMIC AND TECHNOLOGICAL INNOVATION FOR RESILIENT FISHERIES

9.45–10.30

BEYLERBEYI

*Interpretation in English,
French and Turkish*

Empowering sustainable fisheries through stakeholder collaboration in Tunisia's blue crab industry

- **Olfa Ben Abdallah**, Researcher and Lecturer, National Institute of Marine Sciences and Technology, Tunisia

10.30–11.00

Coffee break

11.00–12.00

BEYLERBEYI

*Interpretation in English,
French and Turkish*

Parallel session 3.1

Using economic data and engaging stakeholders to support fisheries livelihoods

Chairpersons:

Yessine Ben Arfa, Researcher of Fisheries Economics, National Institute of Marine Sciences and Technology, Tunisia

Aurélien Calas, Research Assistant, Monaco Scientific Centre, Monaco

- **Aurélien Calas**, Research Assistant, Monaco Scientific Centre, Monaco: *Fishing: challenges and opportunities for ocean sustainability*
- **Ferit Omer Tiryakioglu**, European Union Expert, Ministry of Agriculture and Forestry, Türkiye: *Revisiting the tragedy of the commons: lessons from the past and the way forward*
- **Miguel Ortega Cerda**, Researcher, Spanish National Research Council, Spain: *Diversity, competition and collaboration in coastal fisheries*

11.00–12.00

DOLMABAĞÇE A

Parallel session 3.2

Envisaging the future of fisheries value chains

Chairpersons:

Mohamed Naji, Head of the Fisheries and Aquaculture Department, Hassan II Institute of Agronomy and Veterinary Medicine, Morocco

Olivier Thébaud, Researcher, French Research Institute for Exploitation of the Sea, France

- **Alberto Ceccacci**, PhD Student, University of Bologna, Italy: *Balancing environmental concerns and efficiency: an economic approach for enhanced resilience in overexploited fisheries*



THURSDAY, 22 FEBRUARY 2024

	<ul style="list-style-type: none"> • Mathieu Colléter, Ocean Nexus Research Fellow, National Institute of Agronomy of Toulouse, France: <i>Envisaging territorial catch valorization as a political instrument of advocacy and self-affirmation</i> • Loretta Malvarosa, Senior Researcher, NISEA, Italy: <i>Strengths, weaknesses and upgrading strategies of the deep-water rose shrimp (<i>Parapenaeus longirostris</i>) fishery value chain in the southern Adriatic</i>
11.00–12.00 DOLMABAŦE B	<p>Parallel session 3.3 Innovative technologies for sustainable fisheries</p> <p>Chairpersons: Massimo Zuccaro, Scientific Administrator, CIHEAM Bari Anne Marie Cooper, Professional Officer for Fisheries and Aquaculture Advice, ICES</p> <ul style="list-style-type: none"> • Ilaria Bellomo, Project Manager, Federpesca, Italy: <i>Smartfishing: the hardware and software solution for remote-monitoring of fishing vessels and predictive maintenance</i> • Maia Chkhobadze, Head of Biodiversity Control Service, Ministry of Environment Protection and Agriculture, Georgia: <i>Innovative technology for sustainable fisheries in Georgia</i>
12.00–14.30	Side events and lunch break
12.00–13.30 DOLMABAŦE A	Blue Ports Initiative FAO
12.00–13.30 DOLMABAŦE B	Scientific collaboration and innovation for shark and ray conservation to support the implementation of existing legislation in the Mediterranean and Black seas WWF and Shark Trust
12.00–13.30 BEYLERBEYI <i>Interpretation in English and French</i>	Saving the European eel: best practices MedReAct and FishSec
12.00–13.30 DOLMABAŦE C	The United Nations Fish Stocks Agreement and its current relevance for science in fisheries management UNDOALOS

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14.30–16.45

BEYLERBEYI

*Interpretation in English,
French and Turkish*

Parallel session 3.1

Using economic data and engaging stakeholders to support fisheries livelihoods

- **Giulia Gorelli**, Fisheries Management and SSF Specialist, GFCM: *Illuminating hidden harvests: the contributions of small-scale fisheries to sustainable development*
- **Mustafa Zengin**, Fisheries and Biology Researcher, Central Fisheries Research Institute, Türkiye: *An unrecognized workforce potential in the Turkish coast of the Black Sea: female fishers*
- **Asma Ben Abda**, Fishing Engineer and Researcher, University of La Mannouba, Tunisia: *Economic valuation of the coastal and marine ecosystem services provided by Tunis Lagoon's fishery*
- **Pierluigi Carbonara**, Researcher, Fondazione COISPA ETS, Italy: *Bioeconomic integrated modelling to explore the sustainability of management alternatives in the Adriatic-Ionian region*
- **Timucin Dincer**, Small-Scale Fisheries Specialist, GFCM: *Socioeconomic studies on rapa whelk (*Rapana venosa*) and piked dogfish (*Squalus acanthias*) fisheries in the Black Sea*

14.30–16.45

DOLMABAĞÇE A

Parallel session 3.2

Envisaging the future of fisheries value chains

- **Miquel Ortega Cerda**, Researcher, Spanish National Research Council, Spain: *Linking food web models and value chains: a portrait of the Ebro Delta*
- **Badr Laamiri**, Head of the Inland Fisheries and Fish Farming Department, National Water and Forest Agency, Morocco: *Are inland fisheries and aquaculture value chains resilient against climate change? The case of Morocco*
- **Rachid Annane**, Researcher, National Centre for Research and Development in Fisheries and Aquaculture, Algeria: *Economic weight and opportunities for the development of the fisheries and aquaculture sector in Algeria*

14.30–16.45

DOLMABAĞÇE B

Parallel session 3.3

Innovative technologies for sustainable fisheries

- **Giacomo Chato Osio**, Policy Officer, European Commission: *A step towards the decarbonization of the Mediterranean and Black Sea fleets*
- **Konstantinos Tsagarakis**, Researcher, Hellenic Centre for Marine Research, Greece: *Automated detection of threatened fish species in bottom trawl surveys using computer vision*



- **Sergio Vitale**, Researcher, Institute for Biological Resources and Marine Biotechnologies of the National Research Council and National Biodiversity Future Centre, Italy: *Relative performance of sorting grid and turned mesh in reducing juvenile fish and shrimp catch*
- **Fabian Reith**, Fish-X Coordinator, TransMarTech SH, Germany: *The Fish-X project: supporting European Union small-scale fisheries going digital*
- **Daniel Li Veli**, Researcher Fellow, Institute for Biological Resources and Marine Biotechnologies of the National Research Council, Italy: *Underwater cameras to monitor individuals escaping from juvenile selection grid in Mediterranean bottom trawl fisheries*
- **Lara Fazzari**, Intern, Institute of Marine Sciences of the Spanish National Research Council, Spain: *MEDigital: a digital observatory of public attention and recreational fishing of Mediterranean marine fishes*
- **Luca Marsaglia**, Fisheries Analyst, Global Fishing Watch: *Combining satellite and landings data to investigate fisheries impacts on sharks and rays in Tunisia*
- **Vanessa Cardin**, Senior Researcher National Institute of Oceanography and Applied Geophysics, Italy: *Linking strategies of the Mediterranean Oceanographic Network for the Global Ocean Observing-System and Mediterranean Fisheries*

16.45–17.15

Coffee break

17.15–18.00

BEYLERBEYI

*Interpretation in English,
French and Turkish*

Expert roundtable: Fisheries research in the Mediterranean and the Black Sea

Moderator:

Miguel Bernal, Executive Secretary, GFCM

- **Maria del Carmen García-Martínez**, Director, Spanish Institute of Oceanography of the Spanish National Research Council, Spain
- **Milad Nakhle Fakhri**, Director, National Council for Scientific Research, Lebanon
- **Enrico Arneri**, Senior Scientist, Institute for Biological Resources and Marine Biotechnologies of the National Research Council, Italy
- **Petya Pavlova Ivanova**, Professor, Bulgarian Academy of Sciences, Bulgaria
- **Hechmi Missaoui**, Director, National Institute of Marine Sciences and Technology, Tunisia

18.00–19.00

BEYLERBEYI FOYER

Poster session
(with coffee and refreshments)

**FRIDAY,
23 FEBRUARY
2024**



09.00–9.45

BEYLERBEYI

*Interpretation in English,
French and Turkish*

Enlisting climate science to advance fisheries management

- **Mark Dickey-Collas**, Independent Researcher, Dickey-Collas Marine

09.45–11.15

BEYLERBEYI

*Interpretation in English,
French and Turkish*

PRIORITIES FOR THE UPCOMING DECADE AND CONCLUSIONS

- **Theme session chairpersons and expert roundtable moderators**

11.15–11.45

Coffee break

11.45–12.15

BEYLERBEYI

*Interpretation in English,
French and Turkish*

CLOSING REMARKS

- **Mustafa Altuğ Atalay**, Director General for Fisheries and Aquaculture, Türkiye
- **Eric Banel**, Director-General for Maritime Affairs, Fisheries and Aquaculture, France (video message)
- **Vera Agostini**, Deputy Director of the Fisheries and Aquaculture Division, FAO

12.15–13.00

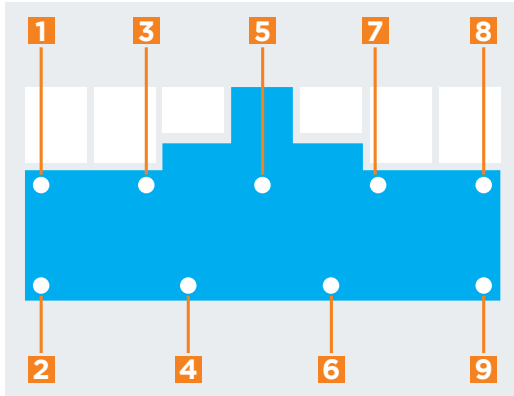
BEYLERBEYI

Cooking demonstration

Ezgi Yildirim, Chef, Türkiye



STANDS



19 FEBRUARY

Shark Trust	ICES	FAO Calipseo
Stand 1	Stand 2	Stand 3
Albero Artesanos and Notre Grand Bleu	GFCM Featuring: National Institute for Fisheries Research (INRH), Morocco (MedFish4Ever Award winner)	Friends of SSF GFCM (co-coordinator), WWF (co-coordinator), AKTEA, BISAC, CIHEAM Bari, LIFE, MEDAC, MEDPAN
Stand 4	Stand 5	Stand 6
OceanCare	Directorate-General of Fisheries and Aquaculture, Türkiye	Central Union of Fisheries Cooperatives, Türkiye
Stand 7	Stand 8	Stand 9

20 FEBRUARY

Shark Trust	ICES	FAO Calipseo
Stand 1	Stand 2	Stand 3
Albero Artesanos and Notre Grand Bleu	GFCM Featuring: Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb, Croatia (MedFish4Ever Award winner)	Friends of SSF GFCM (co-coordinator), WWF (co-coordinator), AKTEA, BISAC, CIHEAM Bari, LIFE, MEDAC, MEDPAN
Stand 4	Stand 5	Stand 6
OceanCare	Directorate-General of Fisheries and Aquaculture, Türkiye	Central Union of Fisheries Cooperatives, Türkiye
Stand 7	Stand 8	Stand 9

21 FEBRUARY

Shark Trust	UNEP/MAP, SPA/RAC and IUCN	DuWo
Stand 1	Stand 2	Stand 3
Albero Artesanos and Notre Grand Bleu	GFCM	Friends of SSF GFCM (co-coordinator), WWF (co-coordinator), AKTEA, BISAC, CIHEAM Bari, LIFE, MEDAC, MEDPAN
Stand 4	Stand 5	Stand 6
OceanCare	Directorate-General of Fisheries and Aquaculture, Türkiye	Central Union of Fisheries Cooperatives, Türkiye
Stand 7	Stand 8	Stand 9

22 FEBRUARY

Shark Trust	UNEP/MAP, SPA/RAC and IUCN	DuWo
Stand 1	Stand 2	Stand 3
Albero Artesanos and Notre Grand Bleu	GFCM Featuring: Global Fishing Watch (MedFish4Ever Award winner)	Friends of SSF GFCM (co-coordinator), WWF (co-coordinator), AKTEA, BISAC, CIHEAM Bari, LIFE, MEDAC, MEDPAN
Stand 4	Stand 5	Stand 6
OceanCare	Directorate-General of Fisheries and Aquaculture, Türkiye	Central Union of Fisheries Cooperatives, Türkiye
Stand 7	Stand 8	Stand 9

23 FEBRUARY

Shark Trust	UNEP/MAP, SPA/RAC and IUCN	DuWo
Stand 1	Stand 2	Stand 3
Albero Artesanos and Notre Grand Bleu	GFCM	Friends of SSF GFCM (co-coordinator), WWF (co-coordinator), AKTEA, BISAC, CIHEAM Bari, LIFE, MEDAC, MEDPAN
Stand 4	Stand 5	Stand 6
OceanCare	Directorate-General of Fisheries and Aquaculture, Türkiye	Central Union of Fisheries Cooperatives, Türkiye
Stand 7	Stand 8	Stand 9

NOTES



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SCALING UP SCIENCE FOR EFFECTIVE FISHERIES MANAGEMENT

The GFCM Forum on Fisheries Science in the Mediterranean and the Black Sea is the most important scientific gathering dedicated to fisheries in the region. It provides a unique platform to discuss state-of-the-art fisheries science and existing and emerging challenges in the sector, as well as new trends in scientific analysis towards identifying priorities and highlighting the data and information needed to support them. The outcomes of the event will be used to enhance decision-making processes and support better advice in the region, helping shape the future of Mediterranean and Black Sea fisheries.