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Information on COVID-19 and small-scale fisheries

Small-scale fishers, fish workers and their communities are currently facing the threat of the COVID-19 pandemic which is affecting the entire value chain and the livelihoods depending on it. At the same time, there may be promising practices and opportunities that may contribute to the prosperous future of the sector.

Here are examples of initiatives in support of small-scale fisheries during the COVID-19 crisis to facilitate information and experience sharing. This information is updated every week.

Please share information and related web links on other relevant initiatives on COVID-19 and small-scale fisheries with us: SSF-Guidelines@fao.org.

Region	Country	Initiator/Lead	Link to the information/initiative	Language	Notes
GLOBAL		Blue Ventures	COVID-19 Resources	English	Blue Ventures is gathering different types of resources such as technical guidance, outreach tools, and news to facilitate access to information on COVID-19 to small-scale fisheries actors.
		Food and Agriculture Organization (FAO)	Aquatic food systems under COVID-19	English	Developed in collaboration with World Fish, this FAO brief aims at synthesizing evidence on the current status of aquatic food systems after one year into the pandemic. The brief also highlights responses that could help improve resilience to future shocks.
			COFI34 Virtual Dialogues	English Arabic Chinese	As a consequence of the postponement of the 34 th FAO Committee on Fisheries, FAO organized a series of virtual dialogues (15-17 July). The virtual

GLOBAL	Food and Agriculture Organization (FAO)		French Russian Spanish	dialogues included a session on the 'Impacts of COVID-19 on fisheries and aquaculture: effects, good practices and recommendations' on the 17 th of July.
		COVID-19 Addendum to the State of World Fisheries and Aquaculture 2020 (<u>English</u>) (<u>Chinese</u>) (<u>Spanish</u>) (<u>Arabic</u>) (<u>French</u>) (<u>Russian</u>)	English Chinese Spanish Arabic French Russian	Included as an addendum to the State of World Fisheries and Aquaculture 2020 report of FAO, a summary on the impacts of the COVID-19 pandemic on the fisheries and aquaculture sector was prepared. Some of the analysed impacts were the halt of fishing activities and problems in working conditions.
		<u>COVID-19 y su impacto en la pesca y la acuicultura</u>	Spanish	Included in the series of COVID-19 related online conferences from FAO, this conference on the impacts of COVID-19 on Latin American and Caribbean fisheries and aquaculture threw light on issues such as the different approaches adopted by countries to ensure the continuity of fishing and market activities and community-level initiatives to increase resilience to the current crisis.
		COVID-19 & Family Farming (<u>English</u>) (<u>Spanish</u>) (<u>French</u>) (<u>Arabic</u>)	English Spanish French Arabic	The Family Farming Knowledge Platform of FAO is compiling documents about the impacts of COVID-19 on food systems to promote dissemination and inform policies that strengthen family farming, and therefore benefit small-scale fishers and their communities.
		How is COVID-19 affecting the fisheries and aquaculture food systems (<u>English</u>) (<u>Spanish</u>) (<u>French</u>)	English	FAO published a policy brief that assesses the effects of COVID-19 on fisheries and aquaculture food systems, reviews ongoing challenges and proposes measures to protect the sector.

GLOBAL	Food and Agriculture Organization (FAO)	<u>Q&A: COVID-19 pandemic – impact on fisheries and aquaculture</u>	English	FAO created a Q&A section to facilitate information about the impacts of the COVID-19 pandemic on the fisheries and aquaculture sector. Questions include topics such as impacts on women, vulnerable groups and the role of FAO in the recovery process.
		<u>Social protection and COVID-19</u>	English Russian	This webinar on the impacts of COVID-19 and social protection was part of the COVID-19 and Food Systems Impact webinar series of FAO. While not specifically targeting small-scale fisheries, the webinar discussed the role of social protection in mitigating the impacts of pandemic, which may also be relevant to small-scale fisheries.
	Friend of the Sea (FOS)	<u>Friend of the Sea turns Coronavirus into an opportunity and launches innovative Sustainable Augmented Reality Audits</u>	English	Friends of the Sea launched a new audit format known as Sustainable Augmented Reality Audits (SARA). SARA allow auditors to carry out online inspections so that their health is not compromised during the pandemic.
	International Association for the Study of the Commons (IASC)	<u>Don't Waste the Covid-19 Crisis: Reflections on Resilience and the Commons Revealed by Covid-19</u>	English	This webinar panel series on reflections on resilience and the commons revealed by COVID-19 included the webinar “Fishing for ways to survive in a covid-19 ocean”, which assessed the challenges and opportunities for small-scale fisheries raised by the pandemic.

GLOBAL	International Collective in Support of Fishworkers (ICSF)	<u>Fish-COV: Fisheries in the time of COVID-19</u>	English	ICSF created an interactive map that presents information gathered in relation to COVID-19 and small-scale fisheries around the world. The information is divided into three different categories: impacts of COVID-19, relief initiatives and community initiatives to donate to.
		<u>SAMUDRA News Alert</u> <u>Documentation Centre News Alert</u>	English	ICSF shares news and stories of the impacts of COVID-19 on small-scale fisheries around the world throughout its Samudra News Alert and the Documentations Centre News Alert.
		<u>Samudra Report</u>	English	This edition of the Samudra Report includes several stories on small-scale fisheries in the context of COVID-19 in Turkey, South Africa, Brazil, Sri Lanka, and Indonesia.
	International Council for the Exploration of the Sea (ICES)	<u>Understanding the impacts of the COVID-19 pandemic on fisheries, markets, communities, and management</u>	English	This webinar, scheduled for September 16, discussed the role of economic and social science in the COVID-19 pandemic and the strategies required to mitigate its impacts from the fisheries perspective. Part of the webinar analysed the specific impact on European small-scale fisheries.
	North American Association of Fisheries Economists (NAAFE)	<u>Fishing communities at a crossroads: Can they survive future crises? Lessons from the COVID-19 pandemic</u>	English	As part of its 2021 Webinar Series, NAAFE organized a webinar to discuss the overall impacts of the pandemic on small-scale fishing communities and explore opportunities for building their resilience to future disasters.
	SSF Hub	<u>Fisher Voices on COVID-19</u>	English	The SSF Hub has organized a web-based event on 15-16 September to offer a learning exchange space to discuss, reflect and learn about how the COVID-19 pandemic has impacted the lives and

GLOBAL				livelihoods of small-scale fishers, fishworkers and their communities.
	Seafoodsource	<u>Small-scale fishermen suffering significantly from COVID-19 pandemic</u>	English	Seafoodsource released a news article on the impacts of COVID-19 on small-scale fisheries.
	Strathclyde Centre for Environmental Law & Governance (SCELG)	<u>Islands and COVID-19: A Global survey</u> <u>Website of the survey</u>	English	This document summarised worldwide responses to a questionnaire launched by SCELG to understand and share the coping mechanisms that island policy makers and other stakeholders from all over the world used against the COVID-19 pandemic. The presence of small-scale fisheries is major in many of the islands included in this report.
	Sustainable Fisheries Partnership	<u>Resources for protecting fishers and workers during COVID-19</u>	English	The Sustainable Fisheries Partnership is sharing resources from different organizations and institutions concerning small-scale fisheries in the context of COVID-19.
	Too Big to Ignore (TBTI)	<u>COVID-19 and small-scale fisheries</u>	English	TBTI is gathering stories from small-scale fisheries actors that are affected by COVID-19.
		<u>World Oceans Day panel discussions</u>	English	To celebrate the 2020 World Oceans Day, TBTI organized a series of panel discussions (8 June) to discuss the contributions of small-scale fisheries and the impacts of COVID-19 on them.
		<u>Small is Bountiful webinar series</u> <u>People, COVID-19 and beyond</u>	English	TBTI organized a series of webinars (1-5 June) to discuss the contribution of small-scale fisheries to ocean sustainability. The first of the seminars covered the adaptations and innovations that small-scale fisheries around the world are using to overcome the impacts of COVID-19.

GLOBAL	Too Big to Ignore (TBTI)	<u>SSF Open House: building resilience for small-scale fisheries post COVID-19</u>	English	As part of the SSF Open House webinar series organized by TBTI during World Ocean Week, FAO developed a webinar titled “Unpacking the SSF Guidelines: Building resilience for SSF post COVID-19”, which explored opportunities to support a sustainable, inclusive and resilient small-scale fisheries sector in the post-pandemic scenario.
		<u>Discussion forum: Building Forward Better with Aquatic Foods</u>	English	COVID-19 had an unprecedented impact on global food systems, which had short-, medium- and long-term consequences for food producers, including small-scale fishers. This discussion forum sought to place aquatic foods within the response and recovery mechanisms to COVID-19 while promoting healthier and more sustainable diets in the future.
	World Fish	<u>Ten strategies for distance research during COVID-19 and future food system shocks</u>	English	Emergency response plans against any type of disaster require a strong knowledge base of accurate and timely data to inform their actions. The COVID-19 pandemic brought to light new challenges in data collection and research, therefore limiting the effectiveness of the responses. World fish issued a brief containing 10 strategies and tips for effective, inclusive, and ethical research during COVID-19 social distancing. Applying these strategies in research on the impacts of the pandemic on the small-scale fisheries sector can contribute to a more effective restoration of livelihoods.
		<u>WorldFish Response to Coronavirus</u>	English	To inform about the state of fish and aquatic food systems during the COVID-19 pandemic in Africa and Asia, WorldFish is gathering a comprehensive

GLOBAL		World Fish			set of COVID-19-related resources, including news, articles, and publications.
			<u>COVID-19 impacts and adaptations in Asia and Africa's aquatic food value chains</u>	English	This working paper summarizes the impacts of the pandemic on aquatic food value chain actors and their coping strategies in several countries from the African and Asian continents, namely Bangladesh, Egypt, India, Myanmar and Nigeria.
		World Forum of Fisher Peoples (WFFP)	<u>Small-scale fisheries can bring hope in times of crisis triggered by the coronavirus pandemic (French) (Spanish)</u>	English French Spanish	WFFP released a statement to highlight the major importance of small-scale fisheries in achieving food security and nutrition around the world during the COVID-19 pandemic.
		News article/John Kurien	<u>Rethinking the post-pandemic ocean-humanity relationship</u>	English	This article provided a series of points for action to achieve a broader societal reflection on "building forward better" to improve the ocean-humanity relationship after the pandemic and ensure the promotion of a more sustainable use of the oceans, which would have major benefits for small-scale fisheries-dependent livelihoods.
Africa	Regional	African Confederation of Professional Organization of Artisanal Fisheries (CAOPA)	<u>African artisanal fishermen call for measures to face the impacts of the COVID-19 pandemic</u>	English	Acknowledging the importance of small-scale fisheries for food security in Africa, CAOPA issued a letter to African fisheries ministers, African Union, ECOWAS and other regional and international organizations to call for action from governments in consultation with professional organizations of fishers to alleviate the impacts of the pandemic on African small-scale fisheries.
		Coalition for Fair Fisheries Arrangements (CFFA)	<u>Amidst COVID-19 crisis, African artisanal fisheries are more than ever essential to feed the population</u>	French English	CFFA created a micro-blog to publish news on the impacts of COVID-19 upon African small-scale fisheries and the response from authorities and fishing communities.

Africa	Regional	Conférence Ministérielle sur la Coopération Halieutique entre les Etats Africains Riverains de l'Océan Atlantique (COMHAFAT)	<u>A brief regional assessment of the impacts of COVID-19 on African fisheries in the Atlantic</u>	French English	In its January Newsletter edition, COMHAFAT included a series of briefs assessing the impacts of COVID-19 on African fisheries, including small-scale, in the Atlantic. Some of the featured topics were 'Protection of fisheries in the context of COVID-19', 'COVID-19 and the promotion of women in the fishing sector' and 'Decent working conditions'.
		Too Big to Ignore (TBTI)	<u>African small-scale fisheries in the time of COVID-19</u>	English	In the context of the World Ocean's Day, TBTI organized this webinar on the current state of African small-scale fisheries in the time of COVID-19 and how the crisis has affected the fisheries sector in the continent.
	Côte d'Ivoire	Union des Sociétés Coopératives des Femmes de la Pêche et assimilées de Côte d'Ivoire (USCOFEP-CI)	<u>Ivorian women in artisanal fisheries see the crisis as an opportunity to address long-postponed issues</u>	English	USCOFEP-CI members conducted sensitization sessions in landing sites to increase the respect of hygiene measures in post-harvest activities, resulting in better working and sanitary conditions. The aim was not only to provide a safe environment during COVID-19 but to ensure its continuity after the pandemic. Additionally, USCOFEP-CI developed a series of recommendations to improve working conditions in collaboration with the fisheries ministry.
	Ghana	Loojanor	<u>A Ghanaian startup that sells fish online</u>	English	This Ghanaian startup is offering an alternative to the traditional market. By allowing fish to be purchased online, this initiative facilitates the continuation of fishers' and sellers' livelihoods. Besides, this startup has partnered with other

Africa					stakeholders from the Ghanaian food sector, allowing them to reduce the price of deliveries and further facilitating the continuity of the sector.
	Liberia	National Fisheries and Aquaculture Authority (NaFAA)	<u>Distribution of hygiene materials to fishing communities</u>	English	Fishing communities from West Point Township, Liberia received hygiene materials (masks, sanitizers, powder soap and other items) to avoid the spread of the virus, both at home and at work. In parallel to this distribution, NaFAA conducted sensitization activities to warn coastal residents about the threat of contagion.
	Maghreb	FAO Subregional Office for North Africa (SNE)	Online questionnaire to record the impacts of COVID-19 on the fisheries and aquaculture sectors in the Maghreb (<u>French</u>) (<u>Arabic</u>)	French Arabic	Following the COVID-19 pandemic, the FAO Subregional Office for North Africa (SNE) developed an online questionnaire to record the impacts of the crisis in the fishery and aquaculture sectors in the Maghreb. The analysis of this data will be used to provide guidance on mitigation measures for the countries of the sub-region. Considering the scope of the questionnaire, only actors from Maghreb countries are encouraged to <i>fill it</i> .
			Briefs on the impact of COVID-19 on the fishery and aquaculture sectors in the Maghreb sub-region: <u>Algeria</u> , <u>Morocco</u> , <u>Mauritania</u> , <u>Tunisia</u> , <u>regional</u> .	French	The Subregional Officer for North Africa of FAO has developed a series of briefs to inform on the impacts of the COVID-19 pandemic in Algeria, Morocco, Mauritania, Tunisia, and the Maghreb region as a whole. An additional brief on the impacts on Libya is currently being developed.
	Mauritania	Government of Mauritania	<u>EUR 93.6 million allocated for the Mauritanian fishing sector</u>	French	The Government of Mauritania created a national recovery plan worth EUR 520 million to help the country recover from the unprecedented impacts of COVID-19. 18% (EUR 93.6 million) of the total is to be allocated to the fishing sector.

Africa	Niger	UNESCO and Lake Chad Basin Commission	<u>Green economies, a bulwark against COVID-19 for Lake Chad communities</u>	English	In the Lake Chad area, income-generating activities were implemented to reduce the negative socio-economic impacts of COVID-19 upon the fishing communities of the lake.
	Senegal	FAO, UN Women and UNFPA	<u>The Household Food Basket initiative</u>	English	Senegalese coastal fisheries were hardly hit by the containment measures in place to prevent the spread of COVID-19. To tackle this, FAO, Un Women and UNFPA started a joined action that contributed with XOF 450 million to strengthen food systems via unconditional cash transfers. It is expected that more than 1000 women producers will benefit from this initiative, including members of small-scale fishing communities were included,
	Seychelles	Seychelles Fisheries Authority (SFA)	<u>Seychelles moves to cushion artisanal fishers from COVID-19 impacts</u>	English	This government-owned entity reduced the price of fishing tools for artisanal fishers and fish processing companies registered with SFA.
		Seychelles Government	<u>Rescue plan for fisheries</u>	English	A three-month rescue plan (expiring at the end of June) was put in place by the Seychelles government to aid artisanal fisheries during the pandemic. This rescue plan contemplated a contribution of 2/3 of the price of bait and ½ of the price of ice. The government assisted fish processors via loans from its Fisheries Development Fund.
	South Africa	ABALOBI	<u>A call to action – Our response to COVID-19</u>	English	ABALOBI is using its 'ABALOBI Marketplace' app to facilitate the continuation of fishers' livelihoods by connecting fishers and consumers. ABALOBI also supports the creation of Community-Supported Fisheries, which provide fish to those in need because of the pandemic.

Africa	South Africa	Department of Environment, Forestry and Fisheries of South Africa	<u>Food relief for South African licensed small-scale fishers</u>	English	Through its 'Small-scale Fishers Food Relief Program', the Department of Environment, Forestry and Fisheries of South Africa distributed over 10 000 food parcels to licensed small-scale fishers.
		Institute for Poverty, Land and Agrarian Studies (PLAAS)	<u>PLAAS Webinar: COVID-19: Impact on small-scale fisheries in South Africa and beyond</u>	English	PLAAS webinar on 30 April discussed the impacts and challenges of COVID-19 on the small-scale fisheries sector in South Africa.
		South African Small-scale Fisheries Collective (SASSFC)	<u>Dialogue between fishers and authorities eases lockdown restrictions</u>	English	Since the COVID-19 pandemic first appeared in South Africa, the SASSFC has been in constant contact with the Department of Fisheries to ensure that the regulations to control the spread of the virus have the minimum possible negative impact on fishermen, in relation to both harvest and post-harvest activities.
Asia	Regional	Central Inland Fisheries Research Institute (ICAR)	<u>COVID-19 related advisories</u>	English	ICAR published a series of COVID-19 related advisories on rivers, estuaries, reservoirs, and wetlands.
		Central Institute of Fisheries Technologies	<u>COVID-19 Advisory Series</u>	English	The Central Institute of Fisheries Technologies published a series of COVID-19-related advisory posters for fishing and fish handling, fishing harbours, fishing boats, fishermen, fish markets, and seafood processing plants.
		INFOFISH	<u>Swimming with the tide: Seizing opportunities for resilience</u>	English	This webinar organized by INFOFISH will share the preliminary findings of a study conducted in collaboration with FAO's Regional Office for Asia and the Pacific that assessed the impacts of the COVID-19 pandemic on small-scale fisheries and aquaculture in Bangladesh, Cambodia, India, Indonesia, Malaysia, Philippines, Sri Lanka and

Asia					Thailand, as well as coping mechanisms adopted by national stakeholders and competent authorities in each country.
	Bangladesh	Government of Bangladesh	<u>Low-interest loans worth BDT 260 million for the Bangladeshi fisheries sector</u>	English	To help Bangladeshi small-scale fishers cope with the COVID-19 pandemic, the Government of Bangladesh, through several public and private banks, disbursed loans worth BDT 260 million so far. In parallel with these allocations, the Ministry of Fisheries and Livestock plans to offer additional incentives to keep business operations afloat.
	India	Akhil Bharatiya Fishermen Association	<u>75 000 Gujarat fishermen stay safe off the coast</u>	English	Local fishing community leaders decided to keep close to 75 000 fishermen in fishing trawlers anchored at sea and supply them with essentials to avoid contagion.
		Andhra Pradesh Government	<u>RS 2000 to 6000 fishermen struck due to lockdown</u>	English	Over 6 000 fishermen struck by the lockdown measures received RS 2 000 in financial assistance.
		Community radio in Tamil Nadu	<u>Community radio to share coronavirus-related news with small-scale fishers</u>	English	The local community radio station Kadal Osai works in collaboration with the fisheries department and several panchayats to keep small-scale fishing communities informed about new protocols and mitigation measures.
		Dakshin Foundation	<u>Support India's Fisher Families in This Lockdown</u>	English	Dakshin Foundation created a fundraising initiative to support Indian fishworkers during the pandemic.
		Government of Kerala	<u>RS 31.16 crore aid for small-scale marine and inland fishers</u>	English	Financial aid worth RS 311 300 000 were sanctioned to face the impacts of COVID-19 on Kerala's small-scale fishers. It is estimated that more than 178 365 small-scale marine and inland fishers will benefit from it.

Asia	India	Kerala Bank and Society for Assistance to Fisherwomen (SAF)	<u>Soft loans for fisher women from Kerala</u>	English	The Kerala Bank offered free of interest loans to fisher women from Kerala to alleviate for the loses due to COVID-19. Around 1 000 fisher women were eligible for soft loans worth RS 10 000, which allowed them to depend less on private lenders.
		Kerala Government	<u>RS 200 financial assistance for small-scale fishers</u>	English	Financial assistance worth RS 2 000 was provided to all fishers in the state of Kerala.
		Local multi-stakeholder committee in Poonthura	<u>How small-scale fishers in Kerala's Poonthura benefited from COVID time auction system</u>	English	A local small-scale fisheries multi-stakeholder committee created an innovative way to allow fish auctions to continue while still respecting the government's physical distancing measures.
		Maharashtra Government	<u>One-time cash compensation for the fisheries sector</u>	English	The government of Maharashtra offered several aid packages for the fisheries sector of the region. These packages ranged from RS 20 000 for non-mechanised boats to RS 10 000 for traditional fishers using drag nets and RS 3 000 for ice box procurement, among others.
		News article/John Kurien	<u>Coronavirus should drive Kerala to adopt sustainable marine fishing practices</u>	English	John Kurien proposed sustainable marine fishing practices to face the current COVID-19 situation in Kerala.
		Odisha fishing communities	<u>Fishermen families repair their own nets</u>	English	Members of local fishing communities, especially women and the elder, resorted to traditional net repairing practices to save repair expenditures and support decreasing incomes due to COVID-19.
		Tamil Nadu Government	One-time financial aid for local small-scale fishers (1) (2)	English	Members of the Fishermen Welfare Board of Tamil Nadu received RS 1 000 in financial aid to help them cope with the lockdown period.

Asia					After several months, relief was extended to additional RS 1 000 for the two-months lockdown.
	Indonesia	Kesatuan Nelayan Tradisional Indonesia (KNTI)	<u>COVID-19 Impact for Small-scale Fishers and Aquaculture Fisheries in Indonesia</u>	English	KNTI carried out a survey to assess the impacts of COVID-19 on Indonesian small-scale fisheries and aquaculture, the results of which have been published in both infographic and report format. The results illustrated the wide variety of challenges that the pandemic posed on the different regions of the country.
	Malaysia	Government of Malaysia	<u>Monthly RM300 for small-scale fishers in Malaysia</u>	English	The previous monthly Fishermen's Subsistence Allowance of RM250 was increased to RM300 to lessen the impacts of COVID-19 on the small-scale fisheries sector.
		Consultative Group on International Agricultural Research (CGIAR)	<u>Assessing the impact of COVID-19 on Myanmar's Livestock and Fishery Sectors</u>	English	The post-COVID-19 situation of Myanmar's fisheries was analysed in this webinar organized by CGIAR. Additionally, the webinar offered potential lines of action to local stakeholders to facilitate the continuation of the sector.
	Myanmar	Food and Agriculture Organization of the United Nations (FAO) and the Global Environment Facility	<u>FishAdapt Project: strengthening capacity and resilience of fisheries and aquaculture-dependent livelihoods in Myanmar</u>	English	FAO and the Global Environment Facility released a report assessing the coping strategies and mechanisms implemented by small-scale fishing communities against COVID-19 in Myanmar. This report simultaneously serves as an assessment of how the FishAdapt Project (a project based on inland and coastal fisheries climate adaptation in Myanmar) should adapt to address the post-COVID-19 situation and how it can complement the relief plans designed by the Government of Myanmar.

	Sri Lanka	News article/Oscar Amarasinghe	<u>Brief assessment of the impact of COVID-19 on small-scale fisheries in Sri Lanka</u>	English	This article assessed the impact of the COVID-19 pandemic upon Sri Lankan small-scale fisheries.
Europe	Regional	Fisheries Areas Network (FARNET)	<u>COVID-19 – FLAG Response Message Board</u>	English	The Fisheries Areas Network is collecting initiatives in EU Member States that tackle the socio-economic challenges of COVID-19 faced by workers from the fisheries and aquaculture sectors
			Resilient Coastal Communities: a guide for FLAGs	<u>English</u> <u>French</u> <u>German</u> <u>Spanish</u> <u>Italian</u> <u>Polish</u> <u>Portuguese</u>	This FLAG developed by FARNET aims to offer ideas and inspiration to help FLAGs' areas to become more socially, environmentally and economically resilient.
	Cyprus	Government of Cyprus	<u>Coronavirus: fishermen welcome government aid</u>	English	The government of Cyprus approved to pay EUR 1000 to each professional fisher who stopped working at all as an effect of the COVID-19 crisis.
	France	Loire Océan Filière Pêche (LOFP)	<u>The small-scale fisheries value chain from Pays de Loire organizes into an inter-professional fisheries association</u>	French	To face the impacts of COVID-19 on the small-scale fisheries sector of the region, professionals from different stages of the small-scale fisheries value chain, including fisheries-management institutions, came together to create an inter-professional fisheries association. This organization focuses on regulating prices and partner revenues and is a focal point in decision-making processes that affect the livelihoods of the members of the value chain, especially during the recovery process.

Europe	Germany	Baltic Sea Coast Fisheries Local Action Group (FLAG)	Fisch vom Kutter	English	This FLAG created an online portal to connect local fishermen and consumers to meet fish demand in the area. The project now counts with a mobile truck that delivers the purchased fish.
	Italy	Government of Italy	Financial aid for self-employed small-scale fishers	Italian	The Italian government updated the requisites for access to social protection funds during the COVID-19 pandemic, expanding coverage to self-employed fishers working in both marine and inland waters. These allowed them to apply to a one-time allocation of EUR 950 to cover the losses for the halt of activities in May 2020.
	Mediterranean Black Sea	General Commission for Fisheries in the Mediterranean (GFCM)	COVID-19: Impact on fisheries and aquaculture in the Mediterranean and the Black Sea	English	The GFCM released a brief on the impacts of COVID-19 on fisheries and aquaculture in the Mediterranean and the Black Sea.
			GFCM ONLINE FORUMS: the experience of small-scale fisheries in promoting resilience and economic innovation in the face of the COVID-19 crisis.	English	Included in the GFCM Online Forum series, the GFCM organized an open-access interactive online forum (22 July) on social resilience and market innovation in small-scale fisheries in response to the COVID-19 crisis.
	Mediterranean (North and South)	MedPAN	Faire face à l'impact du COVID-19 dans les AMP méditerranéennes	French English	MedPAN created a questionnaire to gather experiences from professionals working on Marine Protected Areas in the Mediterranean in relation to the COVID-19 crisis. Feedback from the questionnaires was shared among the members of the network.
	Montenegro	Government of Montenegro	One-off payment for 184 small-scale fishers from Montenegro	English	The Government of Montenegro allocated EUR 200 000 to provide one-time assistance to 184 small-scale fishers. Additionally, the government also offered favourable loans for which small-scale fishers could apply.

Europe	Portugal	Government of Portugal	<u>Fuel subsidies for Portuguese small-scale fisheries</u>	Portuguese	The Government of Portugal made available fuel subsidies for licensed small-scale fishers to help attenuate the impacts of the COVID-19 pandemic.
	Spain	Basque Government	<u>EUR 4,3 million for the fisheries sector</u>	Spanish	The Basque Government allocated EUR 4,3 million to the fisheries sector (including small-scale fisheries) of the region to cover the losses of the last months due to the halt of fishing activities.
		Government of the Valencian Community	Social protection for the fisheries sector (<u>Spanish</u>)	Spanish	The local government made funds available to small-scale fishers and fishworkers from the fisheries sector of the Community of Valencia. These funds aimed to cover the losses from the COVID-19 pandemic, both in harvesting and post-harvesting activities.
		Government of Canarias	<u>EUR 856.000 for small-scale fishing cooperatives and associations</u>	Spanish	Small-scale fishing cooperatives and associations from the Canarian archipelago benefited from funds worth EUR 856.000 conceived for their economic empowerment and functioning after the COVID-19 pandemic.
			<u>Funds worth EUR 52 000 for small-scale fisheries associations from La Palma, Spain</u>	Spanish	The two small-scale fisheries associations from La Palma, in the Canarian archipelago, received EUR 26 000 each to fund their operations and cover for the losses derived from the COVID-19 pandemic. It is estimated that over 80 small-scale fishers, and many more indirectly benefited from this measure.
		Government of Galicia	EUR 5 million for Galician shellfish gatherers (<u>Spanish</u>) (<u>Galician</u>)	Spanish Galician	Funds worth EUR 5 million were made available for Galician shellfish gatherers, one of the fisheries subsectors most impacted by COVID-19 in the region.
	EUR 400.000 for small-scale fishing pre-harvesting workers (<u>Spanish</u>) (<u>Galician</u>)		Spanish Galician	The Regional Government of Galicia made funds available for small-scale fishworkers (mainly	

Europe	Spain				women) employed in net repairing. These funds targeted those who refused access to past social protection measures and kept working during the pandemic.
		Government of Spain	<u>Funds for the Spanish fisheries sector</u>	Spanish	The Government of Spain, through the enactment of a new Decree (969/2020), updated the requirements for applying to the social assistance funds allocated for the fisheries sector, to which small-scale fishers were eligible to apply. The overall results of the new decree were the extension of coverage and the reduction of payment delays.
	Itsas Garapen Elkartea FLAG	<u>Provision of personal protective equipment for small-scale fishers and fishworkers from the Basque Country</u>	Spanish Basque	More than 2500 small-scale fishers and fishworkers received more than 40 000 KN95 masks and other pieces of personal protective equipment that allowed them to continue working under safe and sanitary conditions.	
	United Kingdom	Scottish government	<u>Support for Scottish small-scale fishing vessel owners and processing industry</u>	English	An aid package worth GBP 6 million was created to assist the Scottish fisheries sector during and after the COVID pandemic. This funding was available for Scottish-registered fishing vessels up to 12 metres in length.

Latin America and the Caribbean	Regional	Too Big to Ignore (TBTI)	<u>Fishers adapting to COVID-19 in Latin America</u>	Spanish	Representatives from different organizations from the small-scale fisheries sector came together in this webinar organized by TBTI to discuss the impacts of the pandemic on Latin American small-scale fisheries and how these organizations, together with small-scale fishers and fish workers themselves, faced the threat.
			<u>COVID-19 & SSF in the Caribbean</u>	English	In this webinar organized by TBTI, panellists representing fisheries organizations, academia and regional fisheries organizations working in the Caribbean explained how the COVID-19 pandemic impacted Caribbean small-scale fisheries and what solutions and adaptation methods were used by different stakeholders to ensure the continuity of fishers and fish workers livelihoods
		Central American Integration System (SICA)	<u>Creating safety protocols for specific fisheries</u>	Spanish	The Central American Integration System is creating a protocol to ensure that work in certain fisheries conducted by small-scale fisheries are carried out without risks of contagion.
	Antigua and Barbuda	Government of Antigua and Barbuda	<u>Payment of fuel costs to small-scale fishers</u>	English	To support the recovery from the impacts of the pandemic, the Government of Antigua and Barbuda paid the fuel costs originated from small-scale fishing activities in the country. Together with this waiver, which small-scale fishers could

Latin America and the Caribbean					enjoy for 90 days, the Government announced a 20% reduction in electricity costs.
	Brazil	Government of the State of Amazonas	<u>Funds for Amazonian small-scale and indigenous fishers</u>	Portuguese	The Government of the Brazilian State of Amazonas created several fund lines to support the heavily affected small-scale fisheries sector of the region. A first R\$ 350 million package was meant to cover the acquisition of basic fishing gear. A second package worth R\$ 300 million was used to buy 81 tonnes of fish from around 600 local small-scale fishers and R\$ 100 million were specifically targeted to indigenous small-scale fishers. All the purchased fish was then donated to 8000 families facing poverty and overall social vulnerability.
		Grupo Observatório dos Impactos do Coronavírus nas Comunidades Pesqueiras	<u>Grupo Observatório dos Impactos do Coronavírus nas Comunidades Pesqueiras</u>	Portuguese	Multi-stakeholder platform formed by fishers, academia and small-scale fisheries advocates to assess the impact of COVID-19 on fishing communities across Brazil.
	Chile	Corfo, Government of Chile	<u>Diversification of marketing strategies by women to face the impacts of COVID-19</u>	Spanish	The Chilean government, within its regional innovation programme 'Broadcasting Women Innovation and Entrepreneurship in Artisanal Fisheries', conducted a workshop on packaging of fish and fishery products. This allowed women to diversify their selling methods and better reach consumers.
		Government of Chile	<u>Transit permit for small-scale fishers during curfew</u>	Spanish	The Chilean government created an online platform through which small-scale fishers could obtain a renewable 7-day transit permit, which

Latin America and the Caribbean	Chile				allowed them to continue fishing during the curfew.
		Government of Chile	<u>Social assistance on condition of completion of co-management training</u>	Spanish	The Government of Chile created a fund through which CLP 150 000 were assigned to small-scale fishers situated among the 40% most vulnerable of the country who completed an online training on the <i>Ley de Caletas</i> , a Chilean law dedicated to granting co-management rights to small-scale fishers.
		Port authorities of Punta Arenas	<u>A COVID-19 vaccination plan for small-scale fishers</u>	Spanish	Port authorities of Punta Arenas, in collaboration with regional government authorities, coordinated a COVID-19 vaccination plan for 300 local small-scale fishers, which allowed them to conduct their activities in a safer environment.
		Regional Government of Tarapacá	<u>CLP 600 million for small-scale fisheries of Tarapacá</u>	Spanish	Small-scale fishers from the Chilean region of Tarapacá were eligible to the CLP 600 million funds that the regional government made available to increase organizational capacity and upgrade the small-scale fleet of the region.
		Regional Government of Valparaíso	<u>CLP 700 million for small-scale fisheries and aquaculture of Valparaíso</u>	Spanish	To help the Chilean small-scale fisheries recover from the impacts of COVID-19, the Regional Government of Valparaíso provided CLP 700 million for small-scale fisheries infrastructure, capacity development of small-scale fisheries organizations, marketing of products from small-scale fisheries and improvement of aquaculture production systems.
		San Antonio small-scale fishers and local authorities	<u>Updated COVID protocols and capacity development for small-scale fishers from San Antonio</u>	Spanish	Local fisheries authorities and small-scale fishing associations agreed on an updated COVID-19 management protocol to be implemented in the San Antonio Port, which has a high concentration of small-scale fishers. The protocol foresaw better

Latin America and the Caribbean					sanitation of the infrastructure, control before access, surveillance, and use of personal protective equipment, as well as polymerase chain reaction testing (PCR) and awareness-raising and training sessions for small-scale fishers.
	Costa Rica	Cámara de Pescadores de Guanacaste (CPG)	<u>A collection centre to alleviate COVID-19-related impacts on Costa Rican small-scale fisheries</u>	Spanish	CPG, in collaboration with INCOPESCA and Asociación Costa Rica por Siempre, set up a collection centre in Playas del Coco to help reactivate the fishing sector of the country and allow small-scale fishers from the region to sell their catches and continue to make their livelihoods.
			<u>Fishery products enter the agriculture market</u>	Spanish	To address the reduction of sales of fishery products due to the closure of markets and the tourism sector in the country, the Chamber of Fishermen of Guanacaste bought products from local small-scale fishers and sold them in agriculture markets in the area since the latter suffered less from the pandemic and remained more operational throughout it.
		CoopeSoliDar	<u>Acciones y aprendizajes ante la situación de emergencia</u>	Spanish	In this publication, CoopeSoliDar explains the impact of COVID-19 upon Costa Rican small-scale fisheries, providing specific data for the different regions of the country. Additionally, the document includes a “lessons learned” section and a list of the actions that this cooperative has implemented in the context of COVID-19.
			<u>Fondo Solidario y Rotativo (FSR), an alternative market for fishery products in Costa Rica</u>	Spanish	Fondo Solidario y Rotativo is an initiative developed by CoopeSoliDar and other local stakeholders that has enabled Costa Rican small-scale fishers to sell their catch at a fair price by

Latin America and the Caribbean	Costa Rica				creating a local network of consumers and producers.
		Fundación MarViva	<u>In-kind support for small-scale fishing communities of Puntarenas and Guanacaste</u>	Spanish	Over 330 families from various small-scale fishing communities from Puntarenas and Guanacaste hardly affected by the COVID-19 pandemic received in-kind support in the form of food parcels from Fundación MarViva, an organization working on marine conservation and strengthening of small-scale fishing communities, in coordination with local small-scale fishing associations and the Municipal Government.
		Instituto Costarricense de Pesca y Acuicultura (INCOPECA)	<u>Direct marketing initiatives to aid Costa Rican fishers during COVID-19</u>	Spanish	INCOPECA launched a series of initiatives to promote direct marketing of seafood from Costa Rican small-scale fisheries. Besides, INCOPECA, in collaboration with local organizations, provided fuel, ice and bait to local small vessels.
	El Salvador	Government of El Salvador	<u>In-kind support for 5 000 small-scale fishers from El Salvador</u>	Spanish	The Government of El Salvador distributed in-kind support in form of food provisions for 5 000 small-scale fishers from the Salvadoran department of La Unión as part of its response to the COVID-19 pandemic.
	Guatemala	Department of Food Safety and Nutrition of Guatemala	<u>In-kind support for small-scale fishing communities in El Estor</u>	Spanish	More than 80 families of small-scale fishers received in-kind support in the form of food provisioning from the State of Guatemala to ensure the minimum nutritional requirements during the pandemic.

Latin America and the Caribbean	Jamaica	Government of Jamaica	<u>COVID related aid funds for Jamaican small-scale fishers</u>	English	The Government of Jamaica provided financial aid to about 17 000 small-scale fishers as part of its first response to the impacts of the pandemic. In order to be eligible, small-scale fishers were required to register their boat and install mandatory GPS trackers. With this measure, the Government of Jamaica aimed at assisting small-scale fishers while improving monitoring of the sector.
			<u>Relief incentives worth \$ 128 million for the fisheries sector</u>	English	Incentives worth \$ 128 million were allocated to the Jamaican fisheries sector, including small-scale fisheries, both in marine and inland waters. These incentives covered, i.a., the expenses of fishing activities, required fishing material, and cold storage improvement in strategic fishing beaches across the island.
	Mexico	Alianza Pesquera de Oaxaca	<u>Two tons of fish donated to families of the port of Salina Cruz</u>	English	Fishers from Alianza Pesquera de Oaxaca donated two tons of fish to families in need due to the economic impacts of COVID-19 in the area of Salina Cruz.
		Comunidad y Biodiversidad (COBI)	Mexican fishing communities' resilience to COVID-19 (<u>English</u>) (<u>Spanish</u>) The role of the State in the face of COVID-19 pandemic (<u>English</u>) (<u>Spanish</u>) Everything changes: local solutions of small-scale fishers for adapting to the COVID-19 pandemic (<u>English</u>) (<u>Spanish</u>)	English Spanish	This civil society organization is releasing reports on the effects of COVID-19 on Mexican fisheries. COBI plans to release reports on the socio-economic impacts, the role of the State, local solutions, gender equality, use of technology, and environmental impacts, among other topics. Reports will be added monthly.

Latin America and the Caribbean	Mexico	Comunidad y Biodiversidad (COBI)	Gender equality at sea? An analysis during the COVID-19 pandemic (English) (Spanish)		
			Access to healthcare as a human right: Perspectives from fishing communities in times of COVID-19 (English) (Spanish)		
			The technological revolution and the digital divide in times of the COVID-19 pandemic (English) (Spanish)		
			Principles for the New Normal in small-scale fisheries (English) (Spanish)		
			The environmental impacts of COVID-19: perspectives from fishing communities (English) (Spanish)		
			Photography competition: Life in fishing communities in the face of COVID-19 in Latin America and the Caribbean	English Spanish French Portuguese	This competition aims at portraying the negative impacts of the COVID-19 pandemic on small-scale fishing communities from the Latin American and Caribbean region. Participation is open to all.
		Government of Yucatán	<u>Funds worth approximately MXN 50 million for small-scale fishers from Yucatan</u>	Spanish	More than 12 000 small-scale fishers from Yucatan received MXN 4 000 each to cover for the losses of the two-month halt of fishing activities in the early stages of the pandemic.
		Fishery and agriculture officers from the Escuinapa Municipality	<u>Fish donations to combat the COVID-19 crisis</u>	Spanish	Fishery and agriculture officers from the Escuinapa municipality donated 160 kg of fish to support families suffering the impacts of COVID-19. The donation was channelled through the National System for Integral Family Development (DIF), which oversaw the distribution.

Latin America and the Caribbean	Mexico	Mexico's National Commission of Aquaculture and Fisheries (CONAPESCA)	<u>Small-scale fishers from three cooperatives receive MXN 7 200</u>	Spanish	CONAPESCA made MXN 7 200 available to each small-scale fisher from three cooperatives of San Juan del Río to help them cope with the losses due to the containment measures against COVID-19.
	Peru	Comité para el Manejo Sustentable del Calamar Gigante del Pacífico Sur (CALAMASUR) and Comité Regional del Mahi Mahi	<u>Guía de Control para Evitar la Propagación o Expansión del COVID-19 para Embarcaciones Pesqueras Artesanales</u>	Spanish	To complement the guidelines on COVID-19-related preventive measures for the fisheries and aquaculture sectors from the Peruvian National Agency for Fish Health (available here), a set of local small-scale fisheries stakeholders developed additional guidelines with more specific information on topics such as boat disinfection, awareness-raising and response in the event of symptoms.
		Government of Peru	<u>Credit for Peruvian small-scale fishers</u>	Spanish	The Ministry of Production of the Government of Peru, within its Special Credit Programme for Small-Scale Fishers, created low interest, up to S/ 2000 credit lines to assist Peruvian small-scale fishers in facing the economic impacts of the pandemic.
		Future of Fish	<u>Promoting fish and fishery products from small-scale fisheries</u>	English Spanish	Future of Fish launched a fish consumption campaign to promote the nutritional benefits of fish and fishery products and to share information on proper fish storage techniques. Additionally, the campaign also shared information on the impacts of the pandemic on small-scale fishers and fishworkers and how buying local fish and fishery products can help them recover.
			<u>Personal Protective Equipment for small-scale fishers</u>	English	Future of Fish provided personal protective equipment to allow for safer working conditions

Latin America and the Caribbean	Peru	Future of Fish			for fishers from Peruvian small fishing villages. This support was provided to members of La Islilla fishing village, but it is expected to expand assistance to other nearby communities in the near future.
			Re-aligning fish supply chains in Peru (English) (Spanish)	English Spanish	Future of Fish is contributing to the re-alignment of Peruvian fish supply chains by improving access to seafood for consumers and securing income for fishers through web-based solutions.
		Private sector	Private and public sector team up to offer capacity building to 1150 small-scale fishers	Spanish	Actors from the private sector teamed up with local sanitary authorities from the El Alto and Los Órganos districts, Peru to create a COVID-19 containment protocol and offer capacity building to 1150 small-scale fishers from small-scale fisheries landing sites in Lobitos, Cabo Blanco, El Ñuro y Los Órganos. The protocol provides for the following matters: hygiene and sanitation, disinfection of fishers, vessels and landing sites, social distancing, and use of personal protective gear. Additionally, sanitation items were provided in the landing sites to allow for the effective implementation of the protocols.
	St. Kitts and Nevis	Government of St. Kitts and Nevis	COVID-19 Relief Program	English	As part of its 'COVID-19 Relief Program', the Government of St. Kitts and Nevis assisted 203 small-scale fishers by provisioning fishing gear such as hooks, ropes, and safety equipment among others. \$3 million were allocated for the provision of these goods.

Latin America and the Caribbean	Venezuela	Ministry of Health of Venezuela	<u>Awareness-raising for small-scale fishers of Nueva Esparta</u>	Spanish	Small-scale fishing communities from the Venezuelan State of Nueva Esparta participated in awareness-raising meetings on COVID-related issues such as proper sanitation, safe working conditions and containment protocols conducted by health professionals from the Venezuelan Ministry of Health.
Near East	Oman	Ministry of Agriculture and Fisheries	<u>Online fish auctions to reactivate Omani fisheries supply chains</u>	English	The Ministry of Agriculture and Fisheries of Oman launched a digital auctioning platform by the name of 'Behar' to safeguard the health of small-scale fisheries and market workers while respecting the restrictive social distancing measures put in place to prevent contagions. Market workers can upload pictures of the catch and consumers bid and place their orders avoiding any kind of health risks related to COVID-19.
North America	United States of America	Local Catch Network	<u>Local Catch Network</u>	English	This network of community-based seafood producers is trying to meet the increasing demand for local seafood during the COVID-19 outbreak. In addition, the Local Catch Network organized a series of video forums with relevant stakeholders from the SSF scenario to discuss the challenges and solutions resulting from the virus.
		U.S. Government	<u>CARES Act Funding for fisheries</u>	English	Through the CARES Act, the U.S. government made available aid amounting to USD 300 million to protect the fisheries sector of the country from the impacts of COVID-19. Fishermen and fishing communities have also access to expanded unemployment benefits and forgivable loans.
			<u>Federal support for self-employed fish harvesters</u>	English	Two federal support programmes (The Fish Harvester Benefit and the Fish Harvester Grant)

	Canada	Government of Canada			were created by the Canadian Government to cover income losses and non-deferrable business costs of self-employed fishers. The total amount of available funds is USD 469 million, and the application period will start on 24 August and end on 21 September.
		Saint Mary's University	<u>Understanding the impact of COVID-19 on Nova Scotian coastal communities</u>	English	Researchers from Saint Mary's University in Halifax, Nova Scotia have developed a brief report assessing the social, economic and food security impacts of COVID-19 on Nova Scotian coastal communities.
Oceania	Regional (Pacific Islands)	The LMMA Network International	<u>Rapid and preliminary assessment of the impact of COVID-19 on Pacific Island coastal fishing communities</u>	English	The Locally Managed Marine Area (LMMA) Network and partners such as WorldFish, the Wildlife Conservation Society (WCS) and the Australian National Centre for Ocean Resources and Security (ANCORS) developed a survey tool to gain basic and rapid insights into changes occurring in villages and their fisheries. Implementation is under way in Fiji, Solomon Islands, FSM, Vanuatu, Kiribati, PNG and Timor-Leste, with contacts also made in Palau, Cook Islands, Tonga, Indonesia and the Philippines.
			<u>COVID-19 impacts on fishing and coastal communities</u>	English	The LMMA Network created a webpage to share links, updates, and other relevant information on the impacts of COVID-19 on small-scale fisheries and their communities, with a special focus on Oceania.

Oceania	Australia	Tasmanian Government	<u>\$ 1.8 million for fisheries fees and licence relief</u>	English	Small-scale fishers from Tasmania were eligible for fee reliefs for several licenses and annual fees. With this initiative, the Tasmanian Government hoped to remove the costs for small-scale fishers while boosting overall employment in the sector.
	Fiji	Mangubhai, S. et al.	<u>Impacts of COVID-19 and Cyclone Harold on Indo-Fijian small-scale fisheries</u>	English	In this publication, the authors throw light on the socio-economic impacts of COVID-19 on Fijian small-scale fisheries, as well as the constraints that hinder their recovery process.
	Guam	Guam Division of Aquatic and Wildlife Resources (DAWR)	<u>\$ 1 million founds for eligible Guam small-scale fisheries</u>	English	The DAWR will coordinate the distribution of aid funds worth \$ 1 million to eligible small-scale fishers registered with the Department of Agriculture of Guam. The registration process, which was originally due by November 2020, has been extended to January 29, 2021.
	Hawaii	Hawaii Longline Association	<u>Hawaiian longliners to deliver coronavirus emergency aid</u>	English	The Hawaii Longline Association partnered with Hawaii Foodbank. The result of this agreement was the sale of USD 50 000 worth of seafood landed by Hawaii longline vessels to Hawaii Foodbank. This had a double positive impact: the reactivation of Hawaii's longline fishing activities after the COVID-19 outbreak and alleviation of food insecurity through the allocation of the purchases to Hawaiian residents.
	Solomon Islands and Vanuatu	Devpolicy Blog	<u>Coastal fisheries in a pandemic: Solomon Islands and Vanuatu experiences</u>	English	Included in the <i>#COVID-19 and the Pacific series</i> , this article assesses the changing dynamics of food supply resulting from the measures imposed by both governments to avoid a potential health crisis and how coastal fisheries are adapting to them in these two countries.