

Session PRODUCTS 12 April 2021		
25 posters Data products, information and knowledge		
EasyChair No	Authors	Title
8	Antonio Novellino, Marco Alba, Patrick Gorringer and Luca Bonofiglio	EMODnet Physics from data to use cases
11	Sara Almeida and Paulo Nunes	Declassification of naval data: the steps!
15	Gennadii Donchyts, Giorgio Santinelli, Arjen Luijendijk, Antonio Moreno-Rodenas and Martin Verlaan	Automated extraction and fusion of the intertidal and subtidal bathymetry from the Landsat and Sentinel satellite data
23	Rachel Killick, Nick Rayner and Chris Atkinson	Marine Databases produced by the UK Met Office
25	David Currie, Liz Clarke, Edvin Fuglebakk, Kirsten Birch Håkansson, Henrik Kjems-Nielsen and Nuno Prista	Increasing quality in ICES commercial fisheries data using the Regional Database and Estimation System
30	Joana Ribeiro, Carlos Pinto, Mehdi Abbasi and Neil Holdsworth	Development of the ICES Continuous Underwater Noise reporting format and database
33	Andrew Matthews, Elizabeth Bradshaw and Kathleen Gordon	Using citizen science to rescue tide gauge data
37	Maria Eugenia Molina Jack, Marina Lipizer, Giordano Giorgi, Stefanos Papazisimou, Boris Petelin, Luka Žilić, Ivan Vučić, Christina Zeri, Ana Castelli, Rigers Bakiu and Mateia Poie	HarmoNIA project: Searching for data and tools to support pollution assessment and response
39	Yuriy Ilyin	Data time-series formation and studies of long-term trends for marine water quality indicators in the coastal zone regions of the north-western Black Sea
43	Adrian Bumann, Robin Teigland, Jannes Germishuys, Benedikt Ziegler, Martin Mattson, Eddie Olsson, Robert Rylander, Yixin Zhang and Torsten Linders	The Killer Shrimp Invasion Challenge on Kaggle: An online competition tackling the spread of invasive marine species through machine learning
55	Cem Serimozu	Analysis of in-situ temperature and salinity data in the Levantine Sea
73	Vasilis Gerovasileiou, Stamatina Nikolopoulou, Dimitra Mavraki, Christos Arvanitidis, Leen Vandepitte, Gizem Poffyn, Joana Beja, Ruben Perez Perez, Laura Boicenco, Marina Lipizer and Menashè Eliezer	Mobilizing historical marine data within EMODnet Biology
74	Roberto Sorgente, Mario Allegra, Marco Arrigo, Andrea Cucco, Antonia Di Maio, Manuel Gentile, Dario La Guardia, Gennaro Oliva, Federica Pessini, Angelo Perilli, Giovanni Quattrocchi, Alessandro Signa and Alberto Ribotti	A supporting marine information system for marine oil spill emergencies in the Italian seas
80	Christine Coatanoan, Simona Simoncelli, Volodymyr Myroshnychenko, Örjan Bäck, Helge Sagen, Serge Scory, Reiner Schlitzer, Michèle Fichaut and Dick Schaap	SeaDataCloud quality control of data collections
81	Mirinae Kim, Taeyoon Song and Minyoung Kim	Development and Application of Teaching Materials for Ocean using JOISS
82	Minyoung Kim, Taeyoon Song, Wooram Kim and Jiyeon Lee	Comparison of long-term SST around the Korea using the datasets from JOISS, Korean ocean data repository

86	Volodymyr Myroshnychenko, Alexander Barth, Charles Troupin and Simona Simoncelli	Black Sea Temperature and Salinity climatologies computed with DIVAnd tool
87	Vladimir Belokopytov, Eugeny Godin, Andrey Ingerov and Elena Zhuk	Development of Digital Atlas “Physical Oceanography of the Black Sea – 2020”
92	Joana Beja, Leen Vandepitte, Ruben Perez Perez, Gizem Poffyn, Dan Lear, Vasilis Gerovasileiou, Peter Herman, Bart Vanhoorne and Lennert Tyberghein	10 years of EMODnet Biology: past, present & future
98	Jen Thomas	Open access datasets from the Antarctic Circumnavigation Expedition
109	Olvido Tello, Dulce Mata, Alberto Cabezuelo, Gerardo Bruque and Luis M. Agudo	Contribution of EMODnet Bathymetry Project to Marine Strategy Framework Directive (MSFD)
111	Ellen Vos and Eliza Etman	Searching for common ground at sea: Diving deeper into the process of delivering bathymetry data to different user groups
119	Kanwal Shahzadi, Nadia Pinardi and Vladyslav Lyubartsev	A Non-linear Quality Control Procedure for Representativeness errors in Ocean Historical Datasets
122	Guttorm Alendal, Jerry Blackford, Elisa Calignano, Stefan Carpentier, Dorothy Dankel, Marius Dewar, Bjarte Fagerås, Sarah E. Gasda, Kristian Gundersen, Raphael Heffron, Martha Lien, Anna Oleynik, Abdirahman Omar, Rajesh Pawar, Katherine Romanak, Darren Snee, Sigrid E. Schütz and Parisa Torahi	Assurance offshore monitoring, a cross-disciplinary approach
132	Hela Mehrstens, Pina Springer, Carsten Schirnack, Claas Faber, Doris Maicher, Kristin Dombrowski and Sören Lorenz	Interoperability of institutional data management systems

Session SERVICES 13 April 2021		
24 posters Data services and tools in ocean science		
EasyChair No	Authors	Title
5	Antonio Novellino, Marco Alba, Luca Bonofiglio, Paolo Brotto, Maura Mazzarello, Giovanni Besio, Andrea Mazzino, Lorenzo Corgnati, Carlo Mantovani, Maristella Berta and Ennio Ottaviani	SINDBAD: an innovative med sea situation awareness tool
6	Evgenii Viazilov, Nikolay Mikhailov, Denis Melnikov and Vasilij Smolyanitskiy	The new user interface for the development of hydrometeorological support based on integrated data
9	Patrick Gorringe, Philippa Bricher, Marco Alba, Luca Bonofiglio and Antonio Novellino	Southern Ocean data: A community effort to build a data ecosystem
14	Romina Ihde, Janina Freund, Robert Hagen, Andreas Plüß and Frank Kösters	A pilot study to provide large-volume, user oriented marine spatial data of a federal institution online
16	Örjan Bäck, Arnold Andreasson, Johannes Johansson, Magnus Wenzer and Lotta Fyrberg	Toolboxes for data management in marine environmental monitoring
17	Susanne Feistel, Ulrike Kleeberg, Joern Kohlus, Romina Ihde, Carsten Schirnack, Stefanie Schumacher and Susanne Tamm	Using metadata quality to filter datasets in data portals
21	Reiner Schlitzer and Sebastian Mieruch	Ocean Data View goes Online
41	Pablo Otero, Gonzalo González-Nuevo and Elena Tel	An all-in-one web tool to apply CTD quality control, format data, and generate metadata under SeaDataNet criteria
48	Kristina Belova and Nikolai Mikhailov	Data integration complex within Russian segment of the Integrated Arctic Observation System (INTAROS)
50	Chelsea Bradbury	The Marine Data Exchange: the challenges and opportunities of standardising survey data for enhanced visualisations and insights
54	Charles Troupin, Aida Alvera-Azcárate, Alexander Barth, Matjaž Ličer, Dimitry Van der Zande and Jean-Marie Beckers	Filling data gaps through interpolation: innovative analysis tools for oceanography
60	Damir Ivanković and Dalibor Jelavić	Web application and database for collecting and managing fisheries data
62	Paolo Diviacco, Antonio Nadali, Massimiliano Iurcev, Rodrigo Carbajales, Francesca Malfatti, Lorenzo Grio, Alessandro Busato, Alessandro Pavan and Massimiliano Nolic	Citizen science and crowdsourcing in the field of marine scientific research – the MaDCrow project
67	Sebastien Mancini, Mark Rehbein, Dave Watts, Johnathan Kool, Andrew Carroll and Miles Nicholls	Improving connectivity with distributed partners in the Australian Ocean Data Network
72	Peter Thijsse, Dick Schaap and Gergely Sipos	Pilot for accessing distributed marine data using the OneData concept
76	Nikita Knyazev, Dmitriy Elizarov, Olga Lavrova, Ksenia Nazirova and Evgeny Krayushkin	Web service for storing and processing sea water data measured in situ concurrently with satellite survey
102	Juan Luis Ruiz, Susana Diez, Xavier Rayo and Guillermo Garriga	UTM-CSIC Data Service Architecture: from acquisition on-board to final dissemination

114	Glenn Judeau, Jérôme Detoc, Charlie Andre and Léo Bruvry-Lagadec	Scalable and high performance infrastructure for ocean data discovery and visualization
115	Jérôme Detoc, Sylvie Van Iseghem, Florian Nivert, Glenn Judeau and Catherine Borremans	MORSE for ensure the traceability of all Ifremer biological samples
124	Miguel V. Charcos Llorens, Francoise Pearlman, Jay Pearlman, Juan Gabriel Fernández, Lorenzo Corgnati, Milla Johansson, Lauri Laakso, Taavi Liblik, Julien Mader, Carlo Mantovani, Simone Marini, Marc Picheral, Emma Reyes, Ana Rubio, Inmaculada Ruiz, Jukka Seppala, Lars Stemmann, Timo Tamminen and Joaquín Tintoré	Data To Product Thematic Services Integration into e-JERICO
134	Charles Troupin, Julie Abergas-Arteza, Alexander Barth, Frederic Huynh, Jukka Seppälä, Seppo Kaitala, Aleks Kallio, Cecile Nys, Francesco Osimanti, Peter Thijsse, Gilbert Maudire and Boris Dintrans	PHIDIAS: boosting the use of cloud services to benefit marine data management, services and processing
137	Paolo Oliveri, Simona Simoncelli, Pierluigi di Pietro and Gelsomina Mattia	SOURCE software's reprocessing and merging of different sea temperature and salinity time series data collections from SeaDataCloud and CMEMS
142	Frode Monsen, Tor Olaussen, Hanne Sagen, Torill Hamre, Florian Geyer, Kjetil Lygre and Roberta Pirazzini	Mapping Arctic Observing Systems and In Situ Data Collections
146	Torill Hamre, Bente Lilja Bye and Markus Fiebig	The NextGEOSS Cold Region pilot: Improved discoverability and access to polar data

Session TECH **14 April 2021 (morning)**
21 posters **Technical developments for marine information and data management**

EasyChair No	Authors	Title
7	Andrej Abramic and Ricardo Haroun	Maritime Spatial Planning INSPIRE data model
20	Adam Leadbetter, Andrew Conway, Tara Keena and Will Meaney	Cataloguing Ocean Data at Web Scale
24	Eugeny Godin, Alexander Vorontsov, Andrey Ingerov, Elena Isaeva and Tatyana Kasyanenko	Marine Hydrophysical Institute and All-Russian Research Institute of Hydrometeorological Information – World Data Center: Comparison and Development of Black Sea Databases
28	Clémence Rabévol, Steven Piel and Armelle Rouyer	Data interoperability in the French Information System for Marine Environment (SIMM)
32	Elizabeth Tray, Adam Leadbetter, Will Meaney, Andrew Conway, Caoimhín Kelly, Elvira de Eyto, Siobhan Moran, Niall Ó Maoiléidigh and Deirdre Brophy	An open-source database model and collections management system for fish scale and otolith archives
45	Linda Baldewein, Dietmar Sauer, Ulrike Kleeberg, Housam Dibeh and Lars Möller	Automatically generating ISO 19115-1:2014 metadata from relational databases
51	Mickael Treguer, Catherine Satra - Le Bris, Julien Meillon and Erwann Quimbert	SEXTANT, a marine spatial data infrastructure: implementation of OGC protocols or the dissemination of marine data
53	Nicolas de Ville de Goyet, Michael Fettweis and Thomas Vandenberghe	On using a Sensor Observation Service as an INSPIRE-compliant download service
56	Mohammad Shafi Arif, Peter Schade and Frank Kösters	A Metadata Hierarchy for Enhanced Management of Hydro-Numerical Simulation Data
63	Paolo Diviacco, Alberto Viola and Mihai Burca	Improving data discoverability for the Antarctic Seismic Data Library System (SDLS) through SDN, ISO19115-3 and INSPIRE compliance.
75	Daniel Damaske, Janine Felden, Frank Oliver Glöckner and Gauvain Wiemer	Prospective FAIR bathymetry data archiving in PANGAEA - Data Publisher for Earth & Environmental Science
77	Thomas Vandenberghe, Susana Diez Tagarro, Dick Schaap, Guillaume Clodic, Juan Luis Ruiz, Hong Minh Le, Yvan Stojanov, Christian Autermann and Simon Jirka	Data management in Eurofleets+: the whole picture
79	Jiyoon Lee	Application of metadata standard for data management in marine geological field
85	Aileen Kennedy, David Currie, Enda Howley and Jim Duggan	An enabling semantic pipeline for fisheries observation data to improve sustainable management of fisheries resources
88	Krzysztof Gierłowski, Michał Hoefft and Marcin Wichorowski	An information sharing system for off-shore marine research
101	Veronique Creach, Luis Felipe Artigas, Alain Lefebvre, Fabien Lombard Lombard, Markus Lindh, Klas Ove Möller, Lennert Schepers, Jukka Seppälä and Melilotus Thysen	Integration of Biology Sensor Outputs in the European Marine Observation and Data Network

104	Michał Hoefl, Krzysztof Gierłowski and Marcin Wichorowski	Remote command and control capabilities for data acquisition systems provided by delay-tolerant network mechanisms
112	Katrina Exter, Cedric Decruw, Georgios Kotoulas, Dimitra Mavraki, Matthias Obst, Christina Pavloudi, Marc Portier and Lennert Tyberghein	FAIR Data Management for Genomics Observatories
118	David Currie and Jose Rodriguez	Quantifying improvements in quality assurance in European fisheries biological data collection
127	Inmaculada Ruiz, Juan Gabriel Fernández and Joaquín Tintoré	How certification process is helping SOCIB to improve Data Quality Management
141	Angelos Lykiardopoulos, Themis Zamani, Michail Iordanis, Kostas Kagkelidis, Kostas Koumantaros, Kostantinos Kalkavouras and Athanasia Iona	SDC Monitoring infrastructure near real time status updates, rich alerts, trends and insights.

Session INFRA **14 April 2021 (afternoon)**
8 posters **Marine environmental infrastructures for observation data**

EasyChair No	Authors	Title
18	Helge Sagen	The national research infrastructure NMDC (Norwegian Marine Data Centre) is providing seamless access to marine data.
65	Sylvie Fiat, Jérôme Aucan and Régis Hocdé	ReefTEMPS, FAIRs access to Reef ecosystem environmental measurements
78	Louise Darroch, Juan Ward, Alexander Tate, Justin Buck and Alexandra Kokkinaki	Harmonised ocean monitoring from the UK large research vessels (I/Ocean)
89	Vladimir Solovyev, Tamara Shiganova and Alexander Ostrovskii	Zooplankton diel vertical migration database
105	Cooper Van Vranken, Berthe Vastenhoud and Patrick Gorrige	Fishing gear as a data collection platform: Opportunities to fill gaps in ocean observation networks
110	Marcin Wichorowski, Joanna Stoń-Egiert, Krzysztof Rutkowski, Włodzimierz Krzysiński, Michał Piotrowski and Michał Wójcik	Recent developments in oceanographic data and information system for Polish NODC initiative
120	Juan Gabriel Fernández, Paz Rotllan Garcia, Miguel V. Charcos Llorens, Biel Frontera, Xisco Notario, Inmaculada Ruiz, Miquel Angel Rujula, Miquel Gomila, Sonia Gómara and Joaquin Tintore	SOCIB Data Infrastructure
125	Miguel V. Charcos Llorens, Jay Pearlman, Francoise Pearlman, Juan Gabriel Fernández, Peter Thijsse, Patrick Gorrige and Joaquin Tintore	The JERICO e-Infrastructure