

Table 1. A list of 236 articles, including authors' name, title, journal, publication year, and citation, generated from a Boolean keyword search for "fisheries" and "remote sensing" in the WOS database between the years of 2009-2018.

ID	Title	Author(S)	Journal	Publication Year	Citation
1	Approaches to monitoring, control and management of harmful algal blooms (HABS)	Anderson, Donald M.	Ocean & Coastal Management	2009	207
2	Detoxification of Sulphidic African shelf waters by blooming chemolithotrophs	Lavik, Gaute; Stuehrmann, Torben; Bruechert, Volker; Van Der Plas, Anja; Mohrholz, Volker; Lam, Phyllis; Mussmann, Marc; Fuchs, Bernhard M.; Amann, Rudolf; Lass, Ulrich; Kuypers, Marcel M. M.	Nature	2009	181
3	Remote sensing evaluation of urban heat island and its spatial pattern of the Shanghai Metropolitan Area, China	Li, Juan-Juan; Wang, Xiang-Rong; Wang, Xin-Jun; Ma, Wei-Chun; Zhang, Hao	Ecological Complexity	2009	114
4	Combining vessel-based surveys and tracking data to identify key marine areas for seabirds	Louzao, M.; Becares, J.; Rodriguez, B.; Hyrenbach, K. D.; Ruiz, A.; Arcos, J. M.	Marine Ecology Progress Series	2009	76
5	Rugosity-based regional modeling of hard-bottom habitat	Dunn, Daniel C.; Halpin, Patrick N.	Marine Ecology Progress Series	2009	63
6	Ocean acoustic waveguide remote sensing (OAWRS) of marine ecosystems	Jagannathan, Srinivasan; Bertsatos, Ioannis; Symonds, Deanne; Chen, Tianrun; Nia, Hadi Tavakoli; Jain, Ankita Deepak; Andrews, Mark; Gong, Zheng; Nero, Redwood; Ngor, Lena; Jech, Mike; Godo, Olav Rune; Lee, Sunwoong; Ratilal, Purnima; Makris, Nicholas	Marine Ecology Progress Series	2009	30
7	Estimating the surface temperature of lake Malawi using AVHRR and MODIS satellite imagery	Chavula, Geoffrey; Brezonik, Patrick; Thenkabail, Prasad; Johnson, Thomas; Bauer, Marvin	Physics and Chemistry of the Earth	2009	23

8	Limnological variability and pelagic fish abundance (<i>stolothrissa tanganyicae</i> and <i>lates stappersii</i>) in Lake Tanganyika	Plisnier, P. -D.; Mgana, H.; Kimirei, I.; Chande, A.; Makasa, L.; Chimanga, J.; Zulu, F.; Cocquyt, C.; Horion, S.; Bergamino, N.; Naithani, J.; Deleersnijder, E.; Andre, L.; Descy, J. -P.; Cornet, Y.	Hydrobiologia	2009	15
9	A comparison of two surveys of invertebrates at Pacific Ocean Islands: the giant clam at Raivavae Island, Australes archipelago, French Polynesia	Andrefouet, Serge; Friedman, Kim; Gilbert, Antoine; Remoissenet, Georges	ICES Journal of Marine Science	2009	11
10	Comparison of data-processing algorithms for the LIDAR detection of mackerel in the Norwegian Sea	Churnside, James H.; Tenningen, Eirik; Wilson, James J.	ICES Journal of Marine Science	2009	10
11	Linkages between environmental conditions and recreational king mackerel (<i>scomberomorus cavalla</i>) catch off West-Central Florida	Wall, Carrie C.; Muller-Karger, Frank E.; Roffer, Mitchell A.	Fisheries Oceanography	2009	8
12	Application of remote sensing to the study of the pelagic spiny lobster larval transport in the Tropical Atlantic	Goes Rudorff, Camila Aguirre; Lorenzzetti, Joao Antonio; Gherardi, Douglas F. M.; Lins-Oliveira, Jorge Eduardo	Brazilian Journal of Oceanography	2009	5
13	Space-based societal applications-relevance in developing countries	Bhaskaranarayana, A.; Varadarajan, C.; Hegde, V. S.	Acta Astronautica	2009	2
14	A novel hierarchical method of ship detection from space borne optical image based on shape and texture features	Zhu, Changren; Zhou, Hui; Wang, Runsheng; Guo, Jun	IEEE Transactions on Geoscience and Remote Sensing	2010	165
15	Observational methods used in marine spatial monitoring of fishes and associated habitats: a review	Murphy, Hannah M.; Jenkins, Gregory P.	Marine and Freshwater Research	2010	123
16	A complete processing chain for ship detection using optical satellite imagery	Corbane, Christina; Najman, Laurent; Pecoul, Emilien; Demagistri, Laurent; Petit, Michel	International Journal of Remote Sensing	2010	85

17	Comparing California current cetacean-habitat models developed using in situ and remotely sensed sea surface temperature data	Becker, E. A.; Forney, K. A.; Ferguson, M. C.; Foley, D. G.; Smith, R. C.; Barlow, J.; Redfern, J. V.	Marine Ecology Progress Series	2010	41
18	Operation and application of a regional high-frequency radar network in the Mid-Atlantic Bight	Roarty, Hugh; Glenn, Scott; Kohut, Josh; Gong, Donglai; Handel, Ethan; Rivera, Erick; Garner, Teresa; Atkinson, Larry; Brown, Wendell; Jakubiak, Chris; Muglia, Mike; Haines, Sara; Seim, Harvey	Marine Technology Society Journal	2010	39
19	A modeling approach to identify optimal habitat and suitable fishing grounds for neon flying squid (<i>ommastrephes bartramii</i>) in the Northwest Pacific Ocean	Chen, Xinjun; Tian, Siquan; Chen, Yong; Liu, Bilin	Fishery Bulletin	2010	37
20	Diagnostic properties of phytoplankton time series from remote sensing	Platt, Trevor; Sathyendranath, Shubha; White, George N., III; Fuentes-Yaco, Cesar; Zhai, Li; Devred, Emmanuel; Tang, Charles	Estuaries and Coasts	2010	36
21	Using very high resolution remote sensing for the management of coral reef fisheries: review and perspectives	Hamel, Melanie A.; Andrefouet, Serge	Marine Pollution Bulletin	2010	34
22	Diving of great shearwaters (<i>puffinus gravis</i>) in cold and warm water regions of the South Atlantic Ocean	Ronconi, Robert A.; Ryan, Peter G.; Ropert-Coudert, Yan	PLOS One	2010	29
23	Understanding climate impacts on recruitment and spatial dynamics of Atlantic Cod in the Gulf of Maine: integration of observations and modeling	Runge, Jeffrey A.; Kovach, Adrienne I.; Churchill, James H.; Kerr, Lisa A.; Morrison, John R.; Beardsley, Robert C.; Berlinsky, David L.; Chen, Changsheng; Cadrin, Steven X.; Davis, Cabell S.; Ford, Kathryn H.; Grabowski, Jonathan H.; Howell, W. Huntting; Ji, Rubao; Jones, Rebecca J.; Pershing, Andrew J.; Record, Nicholas R.; Thomas, Andrew C.;	Progress in Oceanography	2010	25

Sherwood, Graham D.; Tallack, Shelly M. L.; Townsend, David W.					
24	Hydro-ecological effects of changing arctic river and lake ice covers: a review	Prowse, Terry D.; Brown, Kirsten	Hydrology Research	2010	24
25	Mesoscale variability along the east coast of India in spring as revealed from satellite data and OGCM simulations	Kurien, Prescilla; Ikeda, Motoyoshi; Valsala, Vinu K.	Journal of Oceanography	2010	19
26	Remote sensing of sea surface temperature and chlorophyll-a: implications for squid fisheries in the North-West Pacific Ocean	Wang, Wenyu; Zhou, Chenghu; Shao, Quanqin; Mulla, D. J.	International Journal of Remote Sensing	2010	18
27	Spatial analysis of egg distribution and geographic changes in the spawning habitat of the Brazilian Sardine <i>sardinella brasiliensis</i>	Gigliotti, E. S.; Gherardi, D. F. M.; Paes, E. T.; Souza, R. B.; Katsuragawa, M.	Journal of Fish Biology	2010	15
28	Environmental monitoring of Bombetoka bay and the betsiboka estuary, Madagascar, using multi-temporal satellite data	Raharimahefa, Tsilavo; Kusky, Timothy M.	Journal of Earth Science	2010	15
29	Synergistic application of oceanographic variables from multi-satellite sensors for forecasting potential fishing zones: methodology and validation results	Solanki, H. U.; Prakash, Prince; Dwivedi, R. M.; Nayak, Shailesh; Kulkarni, Arvind; Somvamshi, V. S.	International Journal of Remote Sensing	2010	14
30	Whale shark habitat assessments in the northeastern Arabian Sea using satellite remote sensing	Kumari, Beena; Raman, Mini	International Journal of Remote Sensing	2010	13
31	Cambodian peasant's contribution to rural development: a perspective from kampong Thom province	Diepart, Jean-Christophe	Biotechnologie Agronomie Societe Et Environnement	2010	9
32	Monitoring of spatial water quality in lakes by remote sensing and transect measurements	Lepisto, Ahti; Huttula, Timo; Koponen, Sampsa; Kallio, Kari; Lindfors, Antti; Tarvainen, Marjo; Sarvala, Jouko	Aquatic Ecosystem Health & Management	2010	7

33	Spatial coherence between remotely sensed ocean color data and vertical distribution of LIDAR backscattering in coastal stratified waters	Montes-Hugo, M. A.; Churnside, J. H.; Gould, R. W.; Arnone, R. A.; Foy, R.	Remote Sensing of Environment	2010	5
34	The relationship between multi-sensor satellite data and Bayesian estimates for skipjack tuna catches in the South Brazil Bight	Cruz De Oliveira, Fabricio Sanguinetti; Marcolino Gherardi, Douglas Francisco; Stech, Jose Luiz	International Journal of Remote Sensing	2010	4
35	Satellite remote sensing of mangrove forests: recent advances and future opportunities	Heumann, Benjamin W.	Progress In Physical Geography	2011	136
36	Multi-scale approach for predicting fish species distributions across coral reef seascapes	Pittman, Simon J.; Brown, Kerry A.	PLOS ONE	2011	117
37	Habitat preference, accessibility, and competition limit the global distribution of breeding black-browed albatrosses	Wakefield, Ewan D.; Phillips, Richard A.; Trathan, Philip N.; Arata, Javier; Gales, Rosemary; Huin, Nic; Robertson, Graham; Waugh, Susan M.; Weimerskirch, Henri; Matthiopoulos, Jason	Ecological Monographs	2011	70
38	Satellite remote sensing for an ecosystem approach to fisheries management	Chassot, Emmanuel; Bonhommeau, Sylvain; Reygondeau, Gabriel; Nieto, Karen; Polovina, Jeffrey J.; Huret, Martin; Dulvy, Nicholas K.; Demarcq, Herve	Ices Journal of Marine Science	2011	55
39	Predicting habitat to optimize sampling of Pacific Sardine (<i>sardinops sagax</i>)	Zwolinski, Juan P.; Emmett, Robert L.; Demer, David A.	Ices Journal of Marine Science	2011	53
40	An overview of physical and biogeochemical processes and ecosystem dynamics in the Taiwan Strait	Hong, Huasheng; Chai, Fei; Zhang, Caiyun; Huang, Bangqin; Jiang, Yiwu; Hu, Jianyu	Continental Shelf Research	2011	37
41	Some operational uses of satellite remote sensing and marine GIS for sustainable fisheries and aquaculture	Saitoh, Sei-Ichi; Mugo, Robinson; Radiarta, I. Nyoman; Asaga, Shinsuke; Takahashi, Fumihiro; Hirawake, Toru; Ishikawa, Yoichi; Awaji, Toshiyuki; In, Teiji; Shima, Shigeki	Ices Journal of Marine Science	2011	36

42	Vertical and horizontal habitat preferences of post-nesting leatherback turtles in the South Pacific Ocean	Shillinger, George L.; Swithenbank, Alan M.; Bailey, Helen; Bograd, Steven J.; Castelton, Michael R.; Wallace, Bryan P.; Spotila, James R.; Paladino, Frank V.; Piedra, Rotney; Block, Barbara A.	Marine Ecology Progress Series	2011	32
43	Reconstruction of MODIS total suspended matter time series maps by dine of and validation with autonomous platform data	Nechad, Bouchra; Alvera-Azcarate, Aida; Ruddick, Kevin; Greenwood, Naomi	Ocean Dynamics	2011	24
44	Assessing forest products usage and local residents' perception of environmental changes in Peri-Urban and rural mangroves of Cameroon, Central Africa	Nfotabong-Atheull, Adolphe; Din, Ndongo; Koum, Leopold G. Essome; Satyanarayana, Behara; Koedam, Nico; Dahdouh-Guebas, Farid	Journal of Ethnobiology And Ethnomedicine	2011	19
45	Zooming the macro scope: medium-resolution remote sensing as a framework for the assessment of a small-scale fishery	Amoroso, Ricardo O.; Parma, Ana M.; Orensanz, J. M. Lobo; Gagliardini, Domingo A.	Ices Journal of Marine Science	2011	18
46	The future of fisheries science in management: a remote-sensing perspective	Stuart, Venetia; Platt, Trevor; Sathyendranath, Shubha	Ices Journal of Marine Science	2011	17
47	Regional-scale changes in diatom distribution in the Humboldt upwelling system as revealed by remote sensing: implications for fisheries	Jackson, Thomas; Bouman, Heather A.; Sathyendranath, Shubha; Devred, Emmanuel	Ices Journal of Marine Science	2011	15
48	Evidences of increasing primary production in the ocean by Stommel's perpetual salt fountain	Maruyama, Shigenao; Yabuki, Takashi; Sato, Tetsuya; Tsubaki, Koutaro; Komiya, Atsuki; Watanabe, Mikihiro; Kawamura, Hiroshi; Tsukamoto, Katsumi	Deep-Sea Research Part I- Oceanographic Research Papers	2011	11
49	The application of satellite remote sensing for assessing productivity in relation to fisheries yields of the world's large marine ecosystems	Sherman, Kenneth; O'Reilly, John; Belkin, Igor M.; Melrose, Christopher; Friedland, Kevin D.	Ices Journal of Marine Science	2011	11
50	Airborne remote sensing of a biological hot spot in the Southeastern Bering Sea	Churnside, James H.; Brown, Evelyn D.; Parker-Stetter, Sandra; Horne, John K.; Hunt, George L., Jr.; Hillgruber, Nicola;	Remote Sensing	2011	10

		Sigler, Michael F.; Vollenweider, Johanna J.			
51	Direct and indirect validation of potential fishing zone advisory off the coast of Uttara Kannada, Karnataka	Deshpande, Sanjeev P.; Radhakrishnan, K. V.; Bhat, U. Gopalakrishna	Journal of The Indian Society of Remote Sensing	2011	7
52	Remote sensing and fisheries: an introduction	Stuart, Venetia; Platt, Trevor; Sathyendranath, Shubha; Pravin, P.	Ices Journal of Marine Science	2011	7
53	Satellites and fisheries: a personal view	Koeller, Peter	Ices Journal of Marine Science	2011	1
54	Using remote sensing and imagery exploitation to monitor the dynamics of East Timbalier Island, La: 2000-2010	Thomas, James P.; Fisher, Gary B.; Chandler, Lisbeth A.; Angeli, Kim M.; Wheeler, Douglas J.; Glover, Robert P.; Schenck-Gardner, Elizabeth J.; Wiles, Steve E.; Lindley, Carolyn F.; Peccini, Michael B.	Geocarto International	2011	1
55	Interlacing ocean model simulations and remotely sensed biophysical parameters to identify integrated potential fishing zones	Rahul, P. R. C.; Sahu, Sobhan Kumar; Salvekar, P. S.	IEEE Geoscience and Remote Sensing Letters	2011	0
56	Spatial ecology of krill, micro nekton and top predators in the central California Current: implications for defining ecologically important areas	Santora, Jarrod A.; Field, John C.; Schroeder, Isaac D.; Sakuma, Keith M.; Wells, Brian K.; Sydeman, William J.	Progress in Oceanography	2012	35
57	Changes in humpback whale song occurrence in response to an acoustic source 200 km away	Risch, Denise; Corkeron, Peter J.; Ellison, William T.; Van Parijs, Sofie M.	PLOS ONE	2012	32
58	integrating global chlorophyll data from 1890 to 2010	Boyce, Daniel G.; Lewis, Marlon; Worm, Boris	Limnology and Oceanography- Methods	2012	30
59	Sea ice properties in the Bohai Sea measured by MODIS-aqua: 2. study of sea ice seasonal and Interannual variability	Shi, Wei; Wang, Menghua	Journal of Marine Systems	2012	26
60	Using remote-sensing data to detect habitat suitability for yellowfin tuna in the Western and Central Pacific Ocean	Yen, Kuo-Wei; Lu, Hsueh-Jung; Chang, Yi; Lee, Ming-An	International Journal of Remote Sensing	2012	22

61	Habitat suitability analysis and identification of potential fishing grounds for swordfish, <i>xiphias gladius</i> , in the South Atlantic Ocean	Chang, Yi-Jay; Sun, Chi-Lu; Chen, Yong; Yeh, Su-Zan; Dinardo, Gerard	International Journal of Remote Sensing	2012	20
62	Sensitivity of thermal habitat of a trout stream to potential climate change, Wisconsin, United States	Deitchman, Richard; Loheide, Steven P., II	Journal of The American Water Resources Association	2012	12
63	Improving habitat models by incorporating pelagic measurements from coastal ocean observatories	Palamara, Laura; Manderson, John; Kohut, Josh; Oliver, Matthew J.; Gray, Steven; Goff, John	Marine Ecology Progress Series	2012	11
64	Remote sensing of environmental indicators of potential fish aggregation: an overview	Klemas, Victor	Baltica	2012	4
65	Influence of the marine environment variability on the yellowfin tuna (<i>thunnus albacares</i>) catch rate by the Taiwanese longline fishery in the Arabian Sea, with special reference to the high catch in 2004	Lan, Kuo-Wei; Nishida, Tom; Lee, Ming-An; Lu, Hsueh-Jung; Huang, Hsiang-Wen; Chang, Shui-Kai; Lan, Yang-Chi	Journal of Marine Science and Technology-Taiwan	2012	4
66	Analysis of the spatial variation in the net ecosystem production of rice paddy fields using the diagnostic biosphere model, beams	Sasai, Takahiro; Nakai, Saori; Setoyama, Yuko; Ono, Keisuke; Kato, Soushi; Mano, Masayoshi; Murakami, Kazutaka; Miyata, Akira; Saigusa, Nobuko; Nemani, Ramakrishna R.; Nasahara, Kenlo N.	Ecological Modelling	2012	3
67	A comparison of methods to determine phytoplankton bloom initiation	Brody, Sarah R.; Lozier, M. Susan; Dunne, John P.	Journal of Geophysical Research-Oceans	2013	56
68	Vertical ecology of the pelagic ocean: classical patterns and new perspectives	Sutton, T. T.	Journal of Fish Biology	2013	51
69	Towards an acoustic-based coupled observation and modelling system for monitoring and predicting ecosystem dynamics of the open ocean	Handegard, Nils Olav; Du Buisson, Louis; Brehmer, Patrice; Chalmers, Stewart J.; De Robertis, Alex; Huse, Geir; Kloser, Rudy; Macaulay, Gavin; Maury, Olivier; Ressler,	Fish and Fisheries	2013	46

		Patrick H.; Stenseth, Nils Chr; Godo, Olav Rune			
70	Does presence of a mid-ocean ridge enhance biomass and biodiversity?	Priede, Imants G.; Bergstad, Odd Aksel; Miller, Peter I.; Vecchione, Michael; Gebruk, Andrey; Falkenhaug, Tone; Billett, David S. M.; Craig, Jessica; Dale, Andrew C.; Shields, Mark A.; Tilstone, Gavin H.; Sutton, Tracey T.; Gooday, Andrew J.; Inall, Mark E.; Jones, Daniel O. B.; Martinez-Vicente, Victor; Menezes, Gui M.; Niedzielski, Tomasz; Sigurosson, Porsteinn; Rothe, Nina; Rogacheva, Antonina; Alt, Claudia H. S.; Brand, Timothy; Abell, Richard; Brierley, Andrew S.; Cousins, Nicola J.; Crockard, Deborah; Hoelzel, A. Rus; Hoines, Age; Letessier, Tom B.; Read, Jane F.; Shimmield, Tracy; Cox, Martin J.; Galbraith, John K.; Gordon, John D. M.; Horton, Tammy; Neat, Francis; Lorange, Pascal	PLOS ONE	2013	35
71	An improved ecological model and software for short-term algal bloom forecasting	Zhang, Hongju; Hu, Weiping; Gu, Kai; Li, Qinqin; Zheng, Daolin; Zhai, Shuhua	Environmental Modelling & Software	2013	30
72	Incorporating uncertainty associated with habitat data in marine reserve design	Tulloch, Vivitskaia J.; Possingham, Hugh P.; Jupiter, Stacy D.; Roelfsema, Chris; Tulloch, Ayesha I. T.; Klein, Carissa J.	Biological Conservation	2013	29
73	Fisheries applications of remote sensing: an overview	Klemas, Victor	Fisheries Research	2013	28
74	Spatial indicators of fishing pressure: preliminary analyses and possible developments	Russo, T.; Parisi, A.; Cataudella, S.	Ecological Indicators	2013	27

75	Regional challenges in tourist wetland systems: an integrated approach to the RIA Formosa in the Algarve, Portugal	Vaz, Eric De Noronha; Walczynska, Agnieszka; Nijkamp, Peter	Regional Environmental Change	2013	25
76	Jumbo squid (<i>dosidicus gigas</i>) landings in the Gulf of California related to remotely sensed SST and concentrations of chlorophyll a (1998-2012)	Robinson, Carlos J.; Gomez-Gutierrez, Jaime; Salas De Leon, David Alberto	Fisheries Research	2013	23
77	Fifty years of changes in reef flat habitats of the grand R,CIF of toliara (SW Madagascar) and the impact of gleaning	Andrefouet, S.; Guillaume, M. M. M.; Delval, A.; Rasoamanendrika, F. M. A.; Blanchot, J.; Bruggemann, J. H.	Coral Reefs	2013	18
78	High-use areas, seasonal movements and dive patterns of juvenile loggerhead sea turtles in the Southwestern Atlantic Ocean	Barcelo, Caren; Domingo, Andres; Miller, Philip; Ortega, Leonardo; Giffoni, Bruno; Sales, Gilberto; Mcnaughton, Lianne; Marcovaldi, Maria; Heppell, Selina S.; Swimmer, Yonat	Marine Ecology Progress Series	2013	17
79	Evaluating post-disaster ecosystem resilience using MODIS GPP data	Frazier, Amy E.; Renschler, Chris S.; Miles, Scott B.	International Journal of Applied Earth Observation and Geoinformation	2013	15
80	Satellite remote sensing in support of an integrated ocean observing system	Muller-Karger, Frank; Roffer, Mitchell; Walker, Nan; Oliver, Matt; Schofield, Oscar; Abbott, Mark; Graber, Hans; Leben, Robert; Goni, Gustavo	IEEE Geoscience and Remote Sensing Magazine	2013	13
81	Semi-automated analysis of high-resolution aerial images to quantify docks in Glacial Lakes	Beck, Marcus W.; Vondracek, Bruce; Hatch, Lorin K.; Vinje, Jason	ISPRS Journal of Photogrammetry and Remote Sensing	2013	8
82	Bloom of hemidiscus hardmannianus (<i>bacillariophyceae</i>) and its impact on water quality and plankton community structure in a mangrove wetland	Biswas, Sejuti Naha; Godhantaraman, Nallamuthu; Sarangi, Ranjit K.; Bhattacharya, Bhaskar D.; Sarkar, Santosh K.; Satpathy, Kamala K.	Clean-Soil Air Water	2013	8

83	Spatial and temporal distribution of Atlantic mackerel (<i>scomber scombrus</i>) along the northeast coast of the United States, 1985-1999	Radlinski, Mary K.; Sundermeyer, Miles A.; Bisagni, James J.; Cadrin, Steven X.	Ices Journal of Marine Science	2013	7
84	The efficiency of using remote sensing for fisheries enforcement: application to the Mediterranean Bluefin tuna fishery	Cicuendez Perez, Juan; Alvarez, Marlene Alvarez; Heikkonen, Jukka; Guillen, Jordi; Barbas, Thomas	Fisheries Research	2013	6
85	The impacts of shrimp farming on land use, employment and migration in Tumbes, Northern Peru	Mialhe, F.; Gunnell, Y.; Mering, C.	Ocean & Coastal Management	2013	6
86	Interannual variability of chlorophyll-a concentration along the southwest coast of India	Jayaram, Chiranjivi; Kochuparambil, Ajith Joseph; Balchand, Alungal N.	International Journal of Remote Sensing	2013	6
87	The morphology and structure of the Hannibal bank fisheries management zone, Pacific Panama using acoustic seabed mapping	Cunningham, Sarah; Guzman, Hector M.; Bates, Richard	Revista De Biologia Tropical	2013	5
88	Bathymetric modeling from satellite imagery via Single Band Algorithm (SBA) and Principal Components Analysis (PCA) in Southern Caspian Sea	Gholamalifard, M.; Sari, Esmaili A.; Abkar, A.; Naimi, B.	International Journal of Environmental Research	2013	3
89	Comparison of geostrophic current estimation around the Korean Peninsula from remote sensing-based MSS models	Cho, Jaemyoung; Lee, Dongha; Lee, Miran; Cho, Jungho; Yun, Hongsik; Jeong, Taejun; Jang, Am; Kim, Taeyun	Journal of Coastal Research	2013	0
90	On the front line: frontal zones as priority at-sea conservation areas for mobile marine vertebrates	Scales, Kylie L.; Miller, Peter I.; Hawkes, Lucy A.; Ingram, Simon N.; Sims, David W.; Votier, Stephen C.	Journal of Applied Ecology	2014	79
91	Review of profiling oceanographic lidar	Churnside, James H.	Optical Engineering	2014	44
92	The application of remote sensing for marine protected area management	Kachelriess, Daniel; Wegmann, Martin; Gollock, Matthew; Pettorelli, Nathalie	Ecological Indicators	2014	32

93	A method for estimating colony sizes of Adélie penguins using remote sensing imagery	Larue, M. A.; Lynch, H. J.; Lyver, P. O. B.; Barton, K.; Ainley, D. G.; Pollard, A.; Fraser, W. R.; Ballard, G.	Polar Biology	2014	29
94	Managing fisheries from space: Google earth improves estimates of distant fish catches	Al-Abdulrazzak, Dalal; Pauly, Daniel	Ices Journal of Marine Science	2014	19
95	Modern disturbances to a long-lasting community-based resource management system: the Taos Valley Acequias	Cox, Michael	Global Environmental Change-Human And Policy Dimensions	2014	17
96	Distribution of hotspots of chub mackerel based on remote-sensing data in coastal waters of China	Li, Gang; Chen, Xinjun; Lei, Lin; Guan, Wenjiang	International Journal of Remote Sensing	2014	16
97	Evaluating the role of fronts in habitat overlaps between cold and warm water species in the Western North Pacific: a proof of concept	Mugo, Robinson M.; Saitoh, Sei-Ichi; Takahashi, Fumihiro; Nihira, Akira; Kuroyama, Tadaaki	Deep-Sea Research Part II-Topical Studies in Oceanography	2014	15
98	Configuration of water resources for a typical river basin in an arid region of china based on the ecological water requirements (EWRS) of desert riparian vegetation	Ling, Hongbo; Guo, Bin; Xu, Hailiang; Fu, Jinyi	Global and Planetary Change	2014	14
99	Mapping sargassum beds off the coast of chon Buri province, Thailand, using Alos Avnir-2 satellite imagery	Noiraksar, Thidararat; Sawayama, Shuhei; Phauk, Sophany; Komatsu, Teruhisa	Botanica Marina	2014	13
100	Sea surface temperature fronts affect distribution of Pacific Saury (<i>cololabis saira</i>) in the Northwestern Pacific Ocean	Tseng, Chen-Te; Sun, Chi-Lu; Belkin, Igor M.; Yeh, Su-Zan; Kuo, Chin-Lau; Liu, Don-Chung	Deep-Sea Research Part II-Topical Studies in Oceanography	2014	13
101	An object-based image analysis approach for aquaculture ponds precise mapping	Virdis, Salvatore Gonario Pasquale	Environmental Monitoring and Assessment	2014	12

	and monitoring: a case study of Tam Giang-Cau Hai lagoon, Vietnam				
102	Understanding community-habitat associations of temperate reef fishes using fine-resolution bathymetric measures of physical structure	Cameron, Matthew J.; Lucieer, Vanessa; Barrett, Neville S.; Johnson, Craig R.; Edgar, Graham J.	Marine Ecology Progress Series	2014	11
103	Monitoring of ocean surface algal blooms in coastal and oceanic waters around India	Tholkapiyan, Muniyandi; Shanmugam, Palanisamy; Suresh, T.	Environmental Monitoring and Assessment	2014	10
104	Spatial overlap of black-browed albatrosses with longline and trawl fisheries in the Patagonian shelf during the non-breeding season	Copello, Sofia; Pon, Juan Pablo Seco; Favero, Marco	Journal of Sea Research	2014	10
105	The effects of riverine physical complexity on anadromy and genetic diversity in steelhead or rainbow trout <i>oncorhynchus mykiss</i> around the Pacific Rim	Mcphee, M. V.; Whited, D. C.; Kuzishchin, K. V.; Stanford, J. A.	Journal of Fish Biology	2014	9
106	Spatial and temporal variations of coastlines in Northern China (2000-2012)	Xu Jinyong; Zhang Zengxiang; Zhao Xiaoli; Wen Qingke; Zuo Lijun; Wang Xiao; Yi Ling	Journal of Geographical Sciences	2014	8
107	Feasibility of ocean acoustic waveguide remote sensing (OAWRS) of Atlantic cod with seafloor scattering limitations	Jain, Ankita D.; Ignisca, Anamaria; Yi, Dong Hoon; Ratilal, Purnima; Makris, Nicholas C.	Remote Sensing	2014	8
108	Assessing penguin colony size and distribution using digital mapping and satellite remote sensing	Waluda, Claire M.; Dunn, Michael J.; Curtis, Michael L.; Fretwell, Peter T.	Polar Biology	2014	6
109	Using GIS methods to evaluate Rhodolith and Sargasso beds as critical habitats for commercially important marine species in Bahia Concepcion, BCS, Mexico	Hinojosa-Arango, Gustavo; Rioja-Nieto, Rodolfo; Suarez-Castillo, Alvin N.; Riosmena-Rodriguez, Rafael	Cryptogamie Algologie	2014	6
110	GIS-based aquaculture site suitability study using multi-criteria evaluation approach	Nayak, Ashok K.; Pant, D.; Kumar, P.; Mahanta, P. C.; Pandey, N. N.	Indian Journal of Fisheries	2014	6

111	Efficacy of different modes in disseminating potential fishing zone (PFZ) forecasts - a case study from Andaman and Nicobar Islands	George, Grinson; Sarma, Kamal; Bharathi, Goutham; Kaliyamoorthy, Muthuraj; Krishnan, Pandian; Kirubasankar, R.	Indian Journal of Fisheries	2014	4
112	Phytoplankton community characteristics in the coastal waters of the Southeastern Arabian Sea	Minu, P.; Shaju, S. S.; Muhamed, Ashraf P.; Meenakumari, B.	Acta Oceanologica Sinica	2014	3
113	Application of the coastal and marine ecological classification standard using satellite-derived and modeled data products for pelagic habitats in the Northern Gulf of Mexico	Allee, R. J.; Kurtz, J.; Gould, R. W., Jr.; Ko, D. S.; Finkbeiner, M.; Goodin, K.	Ocean & Coastal Management	2014	3
114	Spatio-temporal distribution of chlorophyll-a concentration derived from MODIS satellite remote-sensing and in situ observations in Sanya Bay, China	Shen, Chunyan; Shi, Ping; Zhao, Hui; Zhang, Yanying; Dong, Junde	International Journal of Remote Sensing	2014	3
115	Effect of spatial and temporal scales on habitat suitability modeling: a case study of <i>ommastrephes bartramii</i> in the Northwest Pacific Ocean	Gong Caixia; Chen Xinjun; Gao Feng; Tian Siquan	Journal of Ocean University of China	2014	2
116	Linkages between the biomass of <i>scomber japonicus</i> and net primary production in the Southern East China Sea	Guan Wenjiang; Chen Xinjun; Gao Feng; Li Gang	Acta Oceanologica Sinica	2014	2
117	Effects of spatio-temporal and environmental factors on distribution and abundance of wintering anchovy <i>engraulis japonicus</i> in Central and Southern Yellow Sea	Niu Mingxiang; Jin Xianshi; Li Xiansen; Wang Jun	Chinese Journal of Oceanology and Limnology	2014	2
118	The saga of community learning: Mariculture and the Bolinao experience	David, Laura T.; Pastor-Rengel, Davelyn; Talaue-Mcmanus, Liana; Magdaong, Evangeline; Salalila-Aruelo, Rose; Bangi, Helen Grace; San Diego-Mcglone, Maria	Aquatic Ecosystem Health & Management	2014	2

		Lourdes; Villanoy, Cesar; Cordero-Bailey, Kristina			
119	Observations on bio-optical properties of a phytoplankton bloom in coastal waters off cochin during the onset of Southwest monsoon	Bhagirathan, Usha; Shaju, S. S.; Ragesh, N.; Meenakumari, B.; Ashraf, Muhamed P.	Indian Journal of Geo-Marine Sciences	2014	1
120	Unsupervised ship detection based on saliency and s-hog descriptor from optical satellite images	Qi, Shengxiang; Ma, Jie; Lin, Jin; Li, Yansheng; Tian, Jinwen	IEEE Geoscience and Remote Sensing Letters	2015	47
121	Multipurpose acoustic networks in the integrated arctic ocean observing system	Mikhalevsky, Peter N.; Sagen, Hanne; Worcester, Peter F.; Baggeroer, Arthur B.; Orcutt, John; Moore, Sue E.; Lee, Craig M.; Vigness-Raposa, Kathleen J.; Freitag, Lee; Arrott, Matthew; Atakan, Kuvvet; Beszczynska-Moeller, Agnieszka; Duda, Timothy F.; Dushaw, Brian D.; Gascard, Jean Claude; Gavrilov, Alexander N.; Keers, Henk; Morozov, Andrey K.; Munk, Walter H.; Rixen, Michel; Sandven, Stein; Skarsoulis, Emmanuel; Stafford, Kathleen M.; Vernon, Frank; Yuen, Mo Yan	Arctic	2015	19
122	Synoptic oceanography of San Jorge Gulf (Argentina): a template for Patagonian red shrimp (<i>pleoticus muelleri</i>) spatial dynamics	Gabriela Glembocki, Nora; Noemi Williams, Gabriela; Eva Gongora, Maria; Antonio Gagliardini, Domingo; Maria (Lobo) Orensanz, Jose	Journal of Sea Research	2015	18
123	The role of hydrodynamic processes on anchovy eggs and larvae distribution in the Sicily channel (Mediterranean Sea): a case study for the 2004 data set	Falcini, Federico; Palatella, Luigi; Cuttitta, Angela; Nardelli, Bruno Buongiorno; Lacorata, Guglielmo; Lanotte, Alessandra S.; Patti, Bernardino; Santoleri, Rosalia	PLOS ONE	2015	17
124	How remote sensing supports mangrove ecosystem service valuation: a case study in Ca Mau Province, Vietnam	Tuan Quoc Vo; Kuenzer, C.; Oppelt, N.	Ecosystem Services	2015	16

125	Ecology of the ocean sunfish, <i>Mola mola</i> , in the Southern California current system	Thys, Tierney M.; Ryan, John P.; Dewar, Heidi; Perle, Christopher R.; Lyons, Kady; O'Sullivan, John; Farwell, Charles; Howard, Michael J.; Weng, Kevin C.; Lavaniegos, Bertha E.; Gaxiola-Castro, Gilberto; Miranda Bojorquez, Luis Erasmo; Hazen, Elliott L.; Bograd, Steven J.	Journal of Experimental Marine Biology and Ecology	2015	15
126	Variability of suitable habitat of western winter-spring cohort for neon flying squid in the Northwest Pacific under anomalous environments	Yu, Wei; Chen, Xinjun; Yi, Qian; Chen, Yong; Zhang, Yang	PLOS ONE	2015	15
127	Determination of potential fishing grounds of <i>rastrelliger kanagurta</i> using satellite remote sensing and GIS technique	Nuridin, Suhartono; Mustapha, Muzzneena Ahmad; Lihan, Tukimat; Abd Ghaffar, Mazlan	Sains Malaysiana	2015	9
128	Designing climate-resilient marine protected area networks by combining remotely sensed coral reef habitat with coastal multi-use maps	Maina, Joseph M.; Jones, Kendall R.; Hicks, Christina C.; Mcclanahan, Tim R.; Watson, James E. M.; Tuda, Arthur O.; Andrefouet, Serge	Remote Sensing	2015	8
129	Foraging distribution of cape gannets in relation to oceanographic features, prey availability and marine protected areas	Green, David B.; Coetzee, Janet C.; Rishworth, Gavin M.; Pistorius, Pierre A.	Marine Ecology Progress Series	2015	8
130	Remote sensing of Epibenthic shellfish using synthetic aperture radar satellite imagery	Nieuwhof, Sil; Herman, Peter M. J.; Dankers, Norbert; Troost, Karin; Van Der Wal, Daphne	Remote Sensing	2015	8
131	Trophic connectivity between offshore upwelling and the inshore food web of Banc d'Arguin (<i>mauritania</i>): new insights from isotopic analysis	Carlier, Antoine; Chauvaud, Laurent; Van Der Geest, Matthijs; Le Loc'h, Francois; Le Duff, Michel; Vernet, Marc; Raffray, Jean; Diakhate, Djibril; Labrosse, Pierre; Wague, Abdoulaye; Le Goff, Clement; Gohin, Francis; Chapron, Bertrand; Clavier, Jacques	Estuarine Coastal and Shelf Science	2015	6

132	Vanishing ponds and regional water resources in Taoyuan, Taiwan	Liou, Yuei-An; Liu, Hsiao-Lan; Wang, Tai-Sheng; Chou, Chin-Hung	Terrestrial Atmospheric and Oceanic Sciences	2015	6
133	Signature analysis of satellite derived SSHA, SST and chlorophyll concentration and their linkage with marine fishery resources	Solanki, H. U.; Bhatpuria, Dhyey; Chauhan, Prakash	Journal of Marine Systems	2015	5
134	Ecological effects of artificial reefs in Daya bay of china observed from satellite and in situ measurements	Yu, Jing; Chen, Pimao; Tang, Danling; Qin, Chuanxin	Advances in Space Research	2015	5
135	Temporal and spatial availability of Atlantic Thread Herring, <i>Opisthonema oglinum</i> , in relation to oceanographic drivers and fishery landings on the Florida Panhandle	Chagaris, David; Mahmoudi, Behzad; Muller-Karger, Frank; Cooper, Wade; Fischer, Keith	Fisheries Oceanography	2015	4
136	Airborne synthetic-aperture radar (SAR) imaging to help assess impacts of stationary fishing gear on the north Brazilian mangrove coast	Krumme, Uwe; Giarrizzo, Tommaso; Pereira, Rodolfo; Silva De Jesus, Allan Jamesson; Schaub, Christoph; Saint-Paul, Ulrich	Ices Journal of Marine Science	2015	4
137	Detection of potential fishing zones for neon flying squid based on remote-sensing data in the northwest pacific ocean using an artificial neural network	Wang, Jintao; Yu, Wei; Chen, Xinjun; Lei, Lin; Chen, Yong	International Journal of Remote Sensing	2015	4
138	MODIS observations of human-induced changes in the Mesopotamian marshes in Iraq	Al-Handal, Adil; Hu, Chuanmin	Wetlands	2015	3
139	New areas of polar lows over the arctic as a result of the decrease in sea ice extent	Zabolotskikh, E. V.; Gurvich, I. A.; Chapron, B.	Izvestiya Atmospheric and Oceanic Physics	2015	2
140	Remote sensing of intertidal habitats predicts west Indian topsnail population expansion but reveals scale-dependent bias	Meyer, Erin L.; Matzke, Nicholas J.; Williams, Simon J.	Journal of Coastal Conservation	2015	2

141	Fisheries geographical information system for greater Mumbai region in Maharashtra, India	Ghatge, S. S.; Biradar, R. S.; Pawar, N. A.; Chaudhary, A. K.	Indian Journal of Fisheries	2015	0
142	Rates and drivers of mangrove deforestation in Southeast Asia, 2000-2012	Richards, Daniel R.; Friess, Daniel A.	Proceedings of The National Academy Of Sciences of The United States of America	2016	171
143	Creation Of A High Spatio-Temporal Resolution Global Database Of Continuous Mangrove Forest Cover For The 21st Century (CGMFC-21)	Hamilton, Stuart E.; Casey, Daniel	Global Ecology and Biogeography	2016	140
144	Aquaculture: relevance, distribution, impacts and spatial assessments - a review	Ottinger, Marco; Clauss, Kersten; Kuenzer, Claudia	Ocean & Coastal Management	2016	58
145	Annual cycles of phytoplankton biomass in the subarctic Atlantic and Pacific Ocean	Westberry, Toby K.; Schultz, Patrick; Behrenfeld, Michael J.; Dunne, John P.; Hiscock, Michael R.; Maritorena, Stephane; Sarmiento, Jorge L.; Siegel, David A.	Global Biogeochemical Cycles	2016	18
146	Modelling the effects of climate variability on habitat suitability of jumbo flying squid, <i>dosidicus gigas</i> , in the Southeast Pacific Ocean off Peru	Yu, Wei; Yi, Qian; Chen, Xinjun; Chen, Yong	Ices Journal of Marine Science	2016	15
147	Spatio-temporal distributions and habitat hotspots of the winter-spring cohort of neon flying squid <i>ommastrephes bartramii</i> in relation to oceanographic conditions in the Northwest Pacific Ocean	Yu, Wei; Chen, Xinjun; Yi, Qian; Chen, Yong	Fisheries Research	2016	14
148	A model-based assessment of reef larvae dispersal in the western Indian ocean reveals regional connectivity patterns -	Crochelet, Estelle; Roberts, Jason; Lagabrielle, Erwann; Obura, David; Petit, Michel; Chabanet, Pascale	Regional Studies in Marine Science	2016	11

	potential implications for conservation policies				
149	Prolonged decline of jumbo squid (<i>dosidicus gigas</i>) landings in the Gulf of California is associated with chronically low wind stress and decreased chlorophyll a after El Niño 2009-2010	Robinson, Carlos J.; Gomez-Gutierrez, Jaime; Markaida, Unai; Gilly, William F.	Fisheries Research	2016	11
150	Modeling habitat suitability index for Chilean jack mackerel (<i>trachurus murphyi</i>) in the South East Pacific	Li, Gang; Cao, Jie; Zou, Xiaorong; Chen, Xinjun; Runnebaum, Jocelyn	Fisheries Research	2016	10
151	Satellite climate data records: development, applications, and societal benefits	Yang, Wenzhe; John, Viju O.; Zhao, Xuepeng; Lu, Hui; Knapp, Kenneth R.	Remote Sensing	2016	9
152	Environmental correlates of nearshore habitat distribution by the critically endangered m(a)over-Barui dolphin	Derville, Solene; Constantine, Rochelle; Baker, C. Scott; Oremus, Marc; Torres, Leigh G.	Marine Ecology Progress Series	2016	6
153	Monitoring the mesoscale eddies of the Iofoten basin: importance, progress, and challenges	Raj, Roshin P.; Halo, Issufo	International Journal of Remote Sensing	2016	4
154	Spatial-temporal variations in primary productivity and population dynamics of skipjack tuna <i>katsuwonus pelamis</i> in the Western and Central Pacific Ocean	Yen, Kuo-Wei; Lu, Hsueh-Jung	Fisheries Science	2016	4
155	Application of a multiple-criteria decision making approach for selecting non-perennial reservoirs for culture-based fishery development: case study from Sri Lanka	Wijenayake, W. M. H. Kelum; Amarasinghe, Upali S.; De Silva, Sena S.	Aquaculture	2016	4
156	Application of aqua MODIS sensor data for estimating chlorophyll a in the turbid case 2 waters of lake Erie using bio-optical models	Ali, K. Adem; Ortiz, Joseph; Bonini, Nicholas; Shuman, Morgan; Sydow, Catherine	GIScience & Remote Sensing	2016	3

157	Determining the causes behind the collapse of a small pelagic fishery using Bayesian population modeling	Taboada, Fernando G.; Anadon, Ricardo	Ecological Applications	2016	3
158	Ocean colour opportunities from meteosat second and third generation Geostationary platforms	Kwiatkowska, Ewa J.; Ruddick, Kevin; Ramon, Didier; Vanhellemont, Quinten; Brockmann, Carsten; Lebreton, Carole; Bonekamp, Hans G.	Ocean Science	2016	3
159	Predicting the catch potential of skipjack tuna in the western and central pacific ocean under different climate change scenarios	Yen, Kuo-Wei; Su, Nan-Jay; Teemari, Tooreka; Lee, Min-An; Lu, Hsueh-Jung	Journal of Marine Science and Technology-Taiwan	2016	2
160	Spatial distribution, density and population structure of the <i>cortes geoduck</i> , <i>panopea globosa</i> in the Central Gulf of California	Alberto Aragon-Noriega, E.; Calderon-Aguilera, Luis E.; Alcantara-Razo, Edgar; Mendivil-Mendoza, Jaime E.	Revista de Biología Marina y Oceanografía,	2016	2
161	Spatial analysis of a coastal area for conservation and fishery of mangrove edible crab (<i>ucides cordatus</i>)	Santos, Luciana C. M.; Rollo, Mario M., Jr.; Costa, Tfinia M.; Pinheiro, Marcelo A. A.; Dahdouh-Guebas, Farid; Bitencourt, Marisa D.	Journal of Coastal Research	2016	2
162	Synthesis and crosscutting topics	Farrington, John W.; Burns, Kathryn A.; Leinen, Margaret S.	Oceanography	2016	1
163	A new model to forecast fishing ground of <i>scomber japonicus</i> in the yellow sea and east china sea	Gao Feng; Chen Xinjun; Guan Wenjiang; Li Gang	Acta Oceanologica Sinica	2016	1
164	Remote sensing observations of ocean surface chlorophyll and temperature with the impact of cyclones and depressions over the bay of Bengal water	Sarangi, R. K.	Marine Geodesy	2016	1
165	Fit to predict? Eco-informatics for predicting the catchability of a pelagic fish in near real time	Scales, Kylie L.; Hazen, Elliott L.; Maxwell, Sara M.; Dewar, Heidi; Kohin, Suzanne; Jacox, Michael G.; Edwards, Christopher A.; Briscoe, Dana K.; Crowder, Larry B.; Lewison, Rebecca L.; Bograd, Steven J.	Ecological Applications	2017	16

166	Testing and recommending methods for fitting size spectra to data	Edwards, Andrew M.; Robinson, James P. W.; Plank, Michael J.; Baum, Julia K.; Blanchard, Julia L.	Methods in Ecology and Evolution	2017	16
167	Monitoring spatiotemporal variations in nutrients in a large drinking water reservoir and their relationships with hydrological and meteorological conditions based on Landsat 8 imagery	Li, Yuan; Zhang, Yunlin; Shi, Kun; Zhu, Guangwei; Zhou, Yongqiang; Zhang, Yibo; Guo, Yulong	Science of the Total Environment	2017	12
168	Discriminating the biophysical impacts of coastal upwelling and mud banks along the southwest coast of India	Karnan, C.; Jyothibabu, R.; Arunpandi, N.; Jagadeesan, L.; Muraleedharan, K. R.; Pratihari, A. K.; Balachandran, K. K.; Naqvi, S. W. A.	Journal of Marine Systems	2017	9
169	Evaluation of MODIS-aqua atmospheric correction and chlorophyll products of western north American coastal waters based on 13 years of data	Carswell, Tyson; Costa, Maycira; Young, Erika; Komick, Nicholas; Gower, Jim; Sweeting, Ruston	Remote Sensing	2017	8
170	Impacts of ocean climate variability on biodiversity of pelagic forage species in an upwelling ecosystem	Santora, Jarrod A.; Hazen, Elliott L.; Schroeder, Isaac D.; Bograd, Steven J.; Sakuma, Keith M.; Field, John C.	Marine Ecology Progress Series	2017	8
171	A remote sensing method for estimating regional reservoir area and evaporative loss	Zhang, Hua; Gorelick, Steven M.; Zimba, Paul V.; Zhang, Xiaodong	Journal of Hydrology	2017	7
172	Linking phytoplankton nitrogen uptake, macronutrients and chlorophyll-a in Sw Atlantic waters: the case of the Gulf of san Jorge, Argentina	Paparazzo, Flavio E.; Williams, Gabriela N.; Pisoni, Juan P.; Solis, Miriam; Esteves, Jose L.; Varela, Diana E.	Journal of Marine Systems	2017	7
173	Mapping coral reef environments: a review of historical methods, recent advances and future opportunities	Hamylton, Sarah M.	Progress in Physical Geography-Earth and Environment	2017	6
174	Characterizing coastal ecosystem service trade-offs with future urban development in a tropical city	Richards, Daniel R.; Friess, Daniel A.	Environmental Management	2017	6

175	Satellite remote sensing for coastal management: a review of successful applications	Mccarthy, Matthew J.; Colna, Kaitlyn E.; El-Mezayen, Mahmoud M.; Laureano-Rosario, Abdiel E.; Mendez-Lazaro, Pablo; Otis, Daniel B.; Toro-Farmer, Gerardo; Vega-Rodriguez, Maria; Muller-Karger, Frank E.	Environmental Management	2017	6
176	A novel statistical approach for ocean colour estimation of inherent optical properties and cyanobacteria abundance in optically complex waters	Soja-Wozniak, Monika; Craig, Susanne E.; Kratzer, Susanne; Wojtasiewicz, Bozena; Darecki, Mirosław; Jones, Chris T.	Remote Sensing	2017	6
177	Dual-polarization airborne LIDAR for freshwater fisheries management and research	Roddewig, Michael R.; Pust, Nathan J.; Churnside, James H.; Shaw, Joseph A.	Optical Engineering	2017	6
178	Informing conservation strategies for the endangered Atlantic sturgeon using acoustic telemetry and multi-state mark-recapture models	Melnychuk, Michael C.; Dunton, Keith J.; Jordaan, Adrian; Mckown, Kim A.; Frisk, Michael G.	Journal of Applied Ecology	2017	5
179	Using remote-sensing environmental and fishery data to map potential yellowfin tuna habitats in the tropical pacific ocean	Lan, Kuo-Wei; Shimada, Teruhisa; Lee, Ming-An; Su, Nan-Jay; Chang, Yi	Remote Sensing	2017	5
180	Strange lights in the night: using abnormal peaks of light in Geolocator data to infer interaction of seabirds with nocturnal fishing vessels	Kruger, Lucas; Paiva, Vitor H.; Petry, Maria V.; Ramos, Jaime A.	Polar Biology	2017	5
181	The role of spatial analysis for aquaculture: a case study of Keban dam lake	Sivri, Nuket; Seker, Dursun Z.; Alganci, Ugur; Basusta, Nuri; Basusta, Asiye; Akgun, Hakan	Fresenius Environmental Bulletin	2017	5
182	Applications of Generalized Additive Model (GAM) to satellite-derived variables and fishery data for prediction of fishery resources distributions in the Arabian Sea	Solanki, H. U.; Bhatpuria, Dhyey; Chauhan, Prakash	Geocarto International	2017	5

183	Satellite and airborne remote sensing applications for freshwater fisheries	Dauwalter, Daniel C.; Fesenmyer, Kurt A.; Bjork, Robin; Leasure, Douglas R.; Wenger, Seth J.	Fisheries	2017	4
184	Detection of pelagic habitat hotspots for skipjack tuna in the Gulf of Bone-Flores Sea, Southwestern Coral Triangle tuna, Indonesia	Zainuddin, Mukti; Farhum, Aisjah; Safruddin, Safruddin; Selamat, Muhammad Banda; Sudirman, Sudirman; Nurdin, Nurjannah; Syamsuddin, Mega; Ridwan, Muhammad; Saitoh, Seiichi	PLOS ONE	2017	3
185	Vulnerability of fishing communities from sea-level change: a study of Iaemsing District in Chanthaburi Province, Thailand	Panpeng, Jirawat; Ahmad, Mokbul Morshed	Sustainability	2017	3
186	Applicability of remote sensing oceanographic data in the detection of potential fishing grounds of <i>rastrelliger kanagurta</i> in the archipelagic waters of Spermonde, Indonesia	Nurdin, Suhartono; Mustapha, Muzzneena A.; Lihan, Tukimat; Zainuddin, Mukti	Fisheries Research	2017	2
187	Detection of thermal pollution from power plants on china's eastern coast using remote sensing data	Ma, Pin; Dai, Xiaoyan; Guo, Zhongyang; Wei, Chao; Ma, Weichun	Stochastic Environmental Research And Risk Assessment	2017	2
188	Fertilization and connectivity in the Garrucha canyon (Se-Spain) implications for marine spatial planning	Munoz, M.; Reul, A.; Vargas-Yanez, M.; Plaza, F.; Bautista, B.; Garcia-Martinez, M. C.; Moya, F.; Gomez-Moreno, M. -L.; Fernandes, J. A.; Rodriguez, V.	Marine Environmental Research	2017	2
189	Mapping and classifying eastern oyster (<i>crassostrea virginica</i>) habitat in Copano Bay, Texas, by coupling acoustic technologies	Legare, Bryan; Mace, Christopher	Journal of Coastal Research	2017	2
190	Spot imagery analyses on coastline mapping and islet area estimation for Penghu archipelago	Leu, Li-Guang	Journal of Marine Science and Technology-Taiwan	2017	1

191	Hydrodynamic control of microphytoplankton bloom in a coastal sea	Murty, K. Narasimha; Sarma, Nittala S.; Pandi, Sudarsana Rao; Chiranjeevulu, Gundala; Kiran, Rayaprolu; Muralikrishna, R.	Journal of Earth System Science	2017	1
192	Assessment of radiometric data from a buoy in the St. Lawrence estuary	Belanger, Simon; Carrascal-Leal, Claudia; Jaegler, Thomas; Larouche, Pierre; Galbraith, Peter	Journal of Atmospheric and Oceanic Technology	2017	1
193	Trade-offs between data resolution, accuracy, and cost when choosing information to plan reserves for coral reef ecosystems	Tulloch, Vivitskaia J.; Klein, Carissa J.; Jupiter, Stacy D.; Tulloch, Ayesha I. T.; Roelfsema, Chris; Possingham, Hugh P.	Journal of Environmental Management	2017	1
194	Atmospheric and fluvial nutrients fuel algal blooms in the East China Sea	Mackey, Katherine R. M.; Kavanaugh, Maria T.; Wang, Fujiang; Chen, Ying; Liu, Fei; Glover, David M.; Chien, Chia-Te; Paytan, Adina	Frontiers in Marine Science	2017	1
195	Variation in the distribution of wintering anchovy <i>engraulis japonicus</i> and its relationship with water temperature in the Central and Southern Yellow Sea	Niu Mingxiang; Wang Jun	Chinese Journal of Oceanology and Limnology	2017	0
196	Do the Brazilian sardine commercial landings respond to local ocean circulation?	Gouveia, Mainara B.; Gherardi, Douglas F. M.; Lentini, Carlos A. D.; Dias, Daniela F.; Campos, Paula C.	PLOS ONE	2017	0
197	Investigations on purse seine operations off Central Kerala during late 1990s and recent technological changes	Shibu, A. V.; Vipin, P. M.; Hameed, M. Shahul	Indian Journal of Fisheries	2017	0
198	Assessing reliability of precipitation data over the Mekong River Basin: a comparison of ground-based, satellite, and reanalysis datasets	Chen, Aifang; Chen, Deliang; Azorin-Molina, Cesar	International Journal of Climatology	2018	5
199	Downscaling hydrodynamics features to depict causes of major productivity of	Capodici, Fulvio; Ciraolo, Giuseppe; Cosoli, Simone; Maltese, Antonino; Mangano, M. Cristina; Sara, Gianluca	Science of the Total Environment	2018	5

	Sicilian-Maltese area and implications for resource management					
200	Detection and characterisation of deep-sea benthopelagic animals from an autonomous underwater vehicle with a multibeam echosounder: A proof of concept and description of data-processing methods	Dunlop, Katherine M.; Jarvis, Toby; Benoit-Bird, Kelly J.; Waluk, Chad M.; Caress, David W.; Thomas, Hans; Smith, Kenneth L., Jr.	Deep-Sea Research Part I-Oceanographic Research Papers	2018	5	
201	Assessing environmental impacts and change in Myanmar's mangrove ecosystem service value due to deforestation (2000-2014)	Estoque, Ronald C.; Myint, Soe W.; Wang, Chuyuan; Ishtiaque, Asif; Aung, Toe T.; Emerton, Lucy; Ooba, Makoto; Hijioka, Yasuaki; Mon, Myat S.; Wang, Zhe; Fan, Chao	Global Change Biology	2018	4	
202	Coupling remote sensing with in situ surveys to determine reef fish habitat associations for the design of marine protected areas	Goodell, Whitney; Stamoulis, Kostantinos A.; Friedlander, Alan M.	Marine Ecology Progress Series	2018	4	
203	Coastal upwelling south of Madagascar: temporal and spatial variability	Ramanantsoa, Juliano D.; Krug, M.; Penven, P.; Rouault, M.; Gula, J.	Journal of Marine Systems	2018	4	
204	Evolution of landscape ecological risk at the optimal scale: a case study of the open coastal wetlands in Jiangsu, China	Liu, Yongchao; Liu, Yongxue; Li, Jialin; Lu, Wanyun; Wei, Xianglin; Sun, Chao	International Journal of Environmental Research and Public Health	2018	3	
205	Opportunities and challenges for the estimation of aquaculture production based on earth observation data	Ottinger, Marco; Clauss, Kersten; Kuenzer, Claudia	Remote Sensing	2018	3	
206	Habitat protection actions for the indo-pacific humpback dolphin: baseline gaps, scopes, and resolutions for the Taiwanese subspecies	Huang, Shiang-Lin; Wang, Chun-Chieh; Yao, Chiou-Ju	Aquatic Conservation-Marine and Freshwater Ecosystems	2018	3	

207	Airborne lidar detection and mapping of invasive lake trout in Yellowstone Lake	Roddewig, Michael R.; Churnside, James H.; Hauer, F. Richard; Williams, Jacob; Bigelow, Patricia E.; Koel, Todd M.; Shaw, Joseph A.	Applied Optics	2018	3
208	Satellite driven distribution models of endangered Atlantic sturgeon occurrence in the mid-Atlantic Bight	Breece, Matthew W.; Fox, Dewayne A.; Haulsee, Danielle E.; Wirgin, Isaac I.; Oliver, Matthew J.	ICES Journal of Marine Science	2018	3
209	Modeling marine pelagic fish species spatiotemporal distributions utilizing a maximum entropy approach	Wang, Lifei; Kerr, Lisa A.; Record, Nicholas R.; Bridger, Eric; Tupper, Benjamin; Mills, Katherine E.; Armstrong, Edward M.; Pershing, Andrew J.	Fisheries Oceanography	2018	2
210	Ocean warming-induced range-shifting of potential habitat for jumbo flying squid <i>dosidicus gigas</i> in the Southeast Pacific Ocean off Peru	Yu, Wei; Chen, Xinjun	Fisheries Research	2018	2
211	Challenges in rendering coral triangle habitat richness in remotely sensed habitat maps: the case of Bunaken Island (Indonesia)	Ampou, Eghbert Elvan; Ouillon, Sylvain; Andrefouet, Serge	Marine Pollution Bulletin	2018	2
212	Is ocean reflectance acquired by citizen scientists robust for science applications?	Yang, Yuyan; Cowen, Laura L. E.; Costa, Maycira	Remote Sensing	2018	2
213	Evaluation of a Bayesian algorithm to detect burned areas in the Canary Islands' dry woodlands and forests ecoregion using MODIS data	Guindos-Rojas, Francisco; Arbelo, Manuel; Garcia-Lazaro, Jose R.; Moreno-Ruiz, Jose A.; Hernandez-Leal, Pedro A.	Remote Sensing	2018	2
214	Remotely sensing the biophysical drivers of <i>Sardinella aurita</i> variability in Ivorian waters	Kassi, Jean-Baptiste; Racault, Marie-Fanny; Mobio, Brice A.; Platt, Trevor; Sathyendranath, Shubha; Raitosos, Dionysios E.; Affian, Kouadio	Remote Sensing	2018	2
215	Uncovering a new current: the Southwest Madagascar coastal current	Ramanantsoa, Juliano D.; Penven, P.; Krug, M.; Gula, J.; Rouault, M.	Geophysical Research Letters	2018	2
216	Spatial-temporal dynamics of water hyacinth, <i>eichhornia crassipes</i> (mart.) and	Ongore, Collins Onyango; Aura, Christopher Mulanda; Ogari, Zachary;	Journal of Great Lakes Research	2018	1

	other macrophytes and their impact on fisheries in Lake Victoria, Kenya	Njiru, James M.; Nyamweya, Chrisphine Sangara			
217	Light absorption by phytoplankton, non-algal particles, and dissolved organic matter in San Jorge Gulf in summer	Williams, Gabriela N.; Larouche, Pierre; Dogliotti, Ana, I; Latorre, Maite P.	Oceanography	2018	1
218	Remote sensing of chlorophyll-a in case ii waters: a novel approach with improved accuracy over widely implemented turbid water indices	Menon, Harilal B.; Adhikari, Arjun	Journal of Geophysical Research-Oceans	2018	1
219	An interferometric synthetic aperture radar (InSAR) habitat suitability model to identify overwinter conditions for Coregonine Whitefishes in Arctic Lagoons	Tibbles, Marguerite; Falke, Jeffrey A.; Mahoney, Andrew R.; Robards, Martin D.; Seitz, Andrew C.	Transactions of the American Fisheries Society	2018	1
220	Bio-optical discrimination of diatoms from other phytoplankton in the surface ocean: evaluation and refinement of a model for the Northwest Atlantic	Kramer, Sasha J.; Roesler, Collin S.; Sosik, Heidi M.	Remote Sensing of Environment	2018	1
221	Climate-induced habitat suitability variations of chub mackerel <i>scomber japonicus</i> in the East China Sea	Yu, Wei; Guo, Ai; Zhang, Yang; Chen, Xinjun; Qian, Weiguo; Li, Yuesong	Fisheries Research	2018	1
222	Improved MODIS-aqua chlorophyll-a retrievals in the turbid semi-enclosed Ariake Bay, Japan	Yang, Meng Meng; Ishizaka, Joji; Goes, Joaquim, I; Gomes, Helga Do R.; Maure, Eligio De Raus; Hayashi, Masataka; Katano, Toshiya; Fujii, Naoki; Saitoh, Katsuya; Mine, Takayuki; Yamashita, Hirokazu; Mizuno, Akiko	Remote Sensing	2018	1
223	Evaluation of chlorophyll-a estimation approaches using Iterative Stepwise Elimination Partial Least Squares (ISE-PLS) regression and several traditional algorithms from field hyperspectral measurements in the Seto Inland Sea, Japan	Wang, Zuomin; Sakuno, Yuji; Koike, Kazuhiko; Ohara, Shizuka	Sensors	2018	1

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225	Planktonic stages of small pelagic fishes (<i>sardinella aurita</i> and <i>engraulis encrasicolus</i>) in the Central Mediterranean Sea: the key role of physical forcings and implications for fisheries management	Torri, Marco; Corrado, Raffaele; Falcini, Federico; Cuttitta, Angela; Palatella, Luigi; Lacorata, Guglielmo; Patti, Bernardo; Arculeo, Marco; Mifsud, Roberta; Mazzola, Salvatore; Santoleri, Rosalia	Progress in Oceanography	2018	1
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