

Title Receipt No.	Abstract title	Name	topics
5368735	5368735 An update on the need to review toxicological data for marine toxins	Luis M. Botana	Toxicology
5387416	5387416 Cyanotoxin-Encoding Genes as Markers to Predict Cyanobacterial Harmful Algal Blooms and Cyanotoxin Production	Jingrang Lu	Cyanobacterial HABs
5412080	5412080 Comparative Genomics of Novel Cyanobacteria <i>Sphaerothrix gracilis</i> Isolated from Microplastics Reveal Insights to Plastic Utilization and Bloom Potential	Emily Curren	Cyanobacterial HABs
5425572	5425572 Expansive alien cyanobacteria in Central-East Europe - Do they pose a serious threat to aquatic ecosystems?	Mikolaj Kokocinski	Cyanobacterial HABs
5427745	5427745 Colchicine induced dynamic changes in saxitoxin biosynthesis and metabolism in the dinoflagellate <i>Alexandrium pacificum</i> (Group IV)	Yuko Cho	Toxins, Biosynthesis and Detection Methods
5429360	5429360 Probing "Active" and "inactive" genes of particular significance in the resting cysts of dinoflagellates	Yunyan Deng	Ecology

5436414	5436414 One decade of efforts toward addressing the risk of Ciguatera in the Caribbean: the Cuban experience	Lisbet Diaz Asencio	Ciguatera and Benthic HABs
5440005	5440005 Microbiomes of Australian Gambierdiscus species and comparative genomics of bacterial associates	Shikder Saiful Islam	Microbiomes and Omics
5440202	5440202 Is Peroxymonosulfate (PMS) a better alternative to hydrogen peroxide treatment for the in situ mitigation of cyanobacteria harmful blooms (cyano-HABs)?	Maria G. Antoniou	Monitoring and Mitigation
5444577	5444577 Most treatments to control algal blooms are not effective: meta-analysis of field experiments	Alan E. Wilson	Monitoring and Mitigation
5446763	5446763 Growth and morphological responses of Dolichospermum flos-aquae to grazing by protists	Yuan Huang	Community/Species Interactions
5448277	5448277 Two consequential changes in eukaryotic plankton diversity pertinent to occurrence and absence of HABs	Zhaoyang Chai	Community/Species Interactions
5449740	5449740 Characteristics and Patterns of HABs in China coastal Waters during the Last 20 Years	Hao Guo	Community/Species Interactions

5451384	5451384 Possibility of suppressing harmful algal blooms (HABs) using artificial reefs (water stirring blocks) installed on the coastal seabed	Shigeru Itakura	Monitoring and Mitigation
5451511	5451511 Susceptibility and toxicity of cyanobacteria exposed to environmental antibiotics concentrations	Maura Manganelli	Cyanobacterial HABs
5452005	5452005 A review of Alexandrium genus around the Mexican Pacific Coasts with an approach to its molecular taxonomy and toxicology in Mazatlán Bay, Sinaloa	Jorge Gerardo Pichardo-Velarde	Biology and Biogeography
5452590	5452590 Brevetoxins emergent toxins in France: Evaluation of BTX-3 mouse acute toxicity by oral gavage.	Jordi MOLGÓ	Toxicology
5452707	5452707 Influx of toxin-producing Pseudo-nitzschia from the Northeast continental shelf to an east coast US estuary	Katherine M. Roche	Taxonomy
5452787	5452787 Long term Alexandrium cyst and sedaDNA record in a 9000-year sediment core from east coast Tasmania, Australia	Bradley Paine	HABs in a Changing World
5453023	5453023 A Modified Stratification Index Method to Assess Reservoir Water Quality Trends	Emily Summers	Monitoring and Mitigation

5454675	5454675 Biologically Enhanced Biochar - A sustainable and natural method to eliminate cyanotoxin from drinking water	Jane Moore	HABs in a Changing World
5455660	5455660 Free fatty acids and reactive oxygen species as potential allelopathic substances affecting <i>Gymnodinium catenatum</i> (Gymnodiniales: Gymnodiniaceae)	Martin Fernando Encinas-Yanez	Community/Species Interactions
5456583	5456583 Objectif Plancton: a citizen science program to assess small-scale phytoplankton variability in a macrotidal environment (Bay of Brest, France)	Laura Schweibold	Ecology
5456941	5456941 Multiyear Analysis of Bacterial Community Dynamics Reveals Key Bacterial Players in the Regulation of <i>Microcystis</i> Blooms in Daechung Reservoir	Ve Van Le	Cyanobacterial HABs
5459856	5459856 Are <i>Heterosigma akashiwo</i> and its virus HaV fashionistas? -Clonal but Variable-	Keizo Nagasaki	Ecology
5460234	5460234 Metabarcoding revealed a high diversity of Amphidomataceae (Dinophyceae) and the seasonal distribution of their toxigenic species in the Taiwan Strait	Haifeng Gu	Biology and Biogeography

5461086	5461086 Discovering bioactive compounds produced by toxic <i>Gambierdiscus</i> species	J. Sam Murray	Ciguatera and Benthic HABs
5461747	5461747 Ichthyotoxicity of the harmful dinoflagellate <i>Alexandrium pseudogonyaulax</i> and predator-prey interactions with the copepod <i>Acartia</i>	Kristof Möller	Ichthyotoxic HABs
5462009	5462009 Assessing the Risks for the Novel Azaspiracid Shellfish Toxin AZA-59 in the Pacific Northwest Region of the United States	Jonathan R. Deeds	Surveillance and Management
5462065	5462065 Development of rapid techniques for the in-situ detection of <i>sxtA4</i> and <i>sxtG</i> involved in saxitoxin biosynthesis	Greta Gaiani	Surveillance and Management
5462358	5462358 Morphological and molecular taxonomy of epibenthic dinoflagellates from the Gulf of California	Ignacio Leyva Valencia	Taxonomy
5462981	5462981 Allelopathy of <i>Skeletonema costatum</i> on <i>Karenia mikimotoi</i> in laboratory cultures: Physiological parameters and transcriptome profiling analysis	Hongyan Xu	Toxicology
5462984	5462984 A spring toxic red tide of <i>Alexandrium minutum</i> in the Rías Baixas (NW Iberian Peninsula, Spain): is this the new normal?	Francisco Rodríguez	HABs in a Changing World

5463016	5463016 Phaeocystis: A global enigma	Walker Smith	Ecology
5463022	5463022 Targeted analysis of phycotoxins in combination with Neuro2A bioassay screening as a comprehensive approach for toxin monitoring of shellfish	Mirjam D. Klijnstra	Toxins, Biosynthesis and Detection Methods
5463047	5463047 Probabilistic weekly risk forecasts for harmful algal blooms and associated biotoxins using ensembles of machine learning and multi-level Bayesian models	Tim M. Szewczyk	Prediction and Modeling
5463079	5463079 Different strains induce different threats - How Microcystis genotype distinctions may influence the ecotoxicological effects of blooms on fish	Benjamin Marie	Microbiomes and Omics
5463081	5463081 Projecting climate change influences on Alexandrium catenella in the Gulf of Maine	David Ralston	Prediction and Modeling
5463576	5463576 Morphology and molecular characterization of bloom-forming Microcystis aeruginosa and the diversity of cyanobacteria in Sarawak, Malaysia Borneo	Yin Sing Ong	Cyanobacterial HABs

5463796	5463796 Rapid classification of harmful algae using holographic microscopy	Kaiqi Lang	Taxonomy
5464157	5464157 Accumulations of flagellates caused by interactions between vertical swimming and physical processes in the upper ocean	Goh Onitsuka	Prediction and Modeling
5464186	5464186 Screening of lipophilic toxins in marine invertebrates from NW Iberian Peninsula (Spain). Are mussels good toxicity indicators?	Araceli E. Rossignoli	Monitoring and Mitigation
5464221	5464221 Distribution of Phycotoxins and Associated Harmful Algae in the Fjords and Channels of the Tierra del Fuego Archipelago, South America	Bernd Krock	Toxins, Biosynthesis and Detection Methods
5464376	5464376 Acute and chronic in vivo effect of pinnatoxins in rodent. An attempt to decipher how this emergent class of marine toxins crosses the blood-brain and placental barriers	Denis Servent	Toxins, Biosynthesis and Detection Methods
5464487	5464487 Investigation of Limit of Detection and Quantification for digital PCR assays: the case study of <i>Azadinium spinosum</i> (Dinophyceae) in Irish waters	Nicolè Caputo	Monitoring and Mitigation

5464492	5464492 Allelopathy in marine dinoflagellates. What have we learned?	Christine Johanna Band-Schmidt	Community/Species Interactions
5464700	5464700 Characterization of marine bacteria that support growth of <i>Heterosigma akashiwo</i> under phosphate-limiting conditions	Shoko Ueki	Community/Species Interactions
5464792	5464792 Effect of <i>Microcystis</i> on <i>Daphnia</i> telomere length is dependent on clonal variation	Kai Lyu	Toxicology
5464913	5464913 Effects of dinophysistoxin-1 on the growth, photosynthesis, antioxidant responses, and cell cycle of <i>Isochrysis galbana</i>	Jiangbing Qiu	Toxicology
5465159	5465159 Plastid molecular phylogeny of the unarmored dinoflagellate family Kareniaceae suggests multi-parallel haptophyte symbioses	Kazuya Takahashi	Taxonomy
5465256	5465256 Key biosynthesis processes of proteins containing neurotoxin β -N-methylamino-L-alanine in the endoplasmic reticulum of marine diatoms	Xianyao Zheng	Taxonomy
5465538	5465538 Microcystin inhalation can trigger immune responses in lung and gut microbiome dysbiosis via gut-lung axis: An acute mouse model study	Jiyoung Lee	Emerging Issues

5465586	5465586 Detection of filamentous cyanobacteria blooms using imaging and pulse shape flow cytometry, and optical sensors	Kaisa Kraft	Cyanobacterial HABs
5465795	5465795 Long-lasting extraordinary spring bloom of Amphidomataceae (Dinophyceae) with high levels of AZA-2 in the Argentine Sea	Valeria Ana Guinder	Ecology
5466144	5466144 RPA and nanopore sequencing for rapid field deployable identification of Alexandrium	Robert George Hatfie	Monitoring and Mitigation
5466327	5466327 The dual-face impact of marine heatwaves on the blooms of harmful dinoflagellate <i>Margalefidinium (=Cochlodinium) polykrikoides</i> in Korean coastal waters	Young Kyun Lim	Ichthyotoxic HABs
5466345	5466345 Stereochemical diversity of Caribbean ciguatoxin analogues	Elizabeth M. Mudge	Ciguatera and Benthic HABs
5466589	5466589 A possible new dinoflagellates species in the family Ceratoperidiniaceae causing brick-red discoloration of the cultured yesso scallops in northern Japan	Masafumi Natsuike	Taxonomy

5466786	5466786 Threshold for flow management to mitigate harmful cyanobacterial blooms in the large river with consecutive dam-scale weirs	Hae-Kyung Park	Cyanobacterial HABs
5467009	5467009 Speciation and evolution of cryptic species of Alexandrium, Centrodinium and PST production	Shauna A. Murray	Biology and Biogeography
5467108	5467108 Morphology, molecular phylogeny, and ichthyotoxicity of naked dinophytes Karlodinium species from Malaysia	Sing Tung Teng	Ichthyotoxic HABs
5467172	5467172 Sharp contrast in the host preference of two epiphytic dinoflagellate genera (Gambierdiscus and Ostreopsis) in Jeju coasts, Korea	Wonho Yih	HABs in a Changing World
5467242	5467242 Effects of water level management on algal blooms in the large river system	Hae-Jin Lee	Cyanobacterial HABs
5467249	5467249 Screening of paralytic shellfish toxins in non-traditional vectors in NW Iberian Peninsula (Spain)	Verónica Rey	Monitoring and Mitigation
5467279	5467279 Temperature effects on cell abundances of four Alexandrium species revealed by long-term monitoring using qPCR	Tae Gyu Park	Ecology

5467336	5467336 Global socio-economic impacts from fish-killing algal blooms: A roadmap towards more effective management and mitigation	Gustaaf M. Hallegraeff	Ichthyotoxic HABs
5467540	5467540 Effects of temperature, salinity, and their interactions on growth and ciguatoxin production, of the benthic dinoflagellate <i>Gambierdiscus polynesiensis</i>	Tomohiro Nishimura	Ciguatera and Benthic HABs
5467572	5467572 Effects of Abiotic Parameters on Growth and Toxin Production of three Strains of <i>Alexandrium pseudogonyaulax</i> (Dinophyceae) from the Danish Limfjord	Simon Tulatz	Ecology
5467582	5467582 <i>Ostreopsis</i> cf. <i>ovata</i> trend along the Conero Riviera (northern Adriatic Sea) over two decades	Stefano Accoroni	Ciguatera and Benthic HABs
5467587	5467587 Insights into the green seawater discoloration of <i>Lepidodinium chlorophorum</i> : from cellular ecophysiology to bloom development and ecosystem impact	Raffaele Siano	Ecology
5467665	5467665 The interactions among marine fungal chytrids and blooming dinoflagellates	Albert Reñé	Community/Species Interactions

5467734	5467734 Time series analysis of the cyst production of toxic dinoflagellates in the Cape Blanc upwelling region, NW Africa between 2003 and 2020	Surya Eldo Virma Roza	Ecology
5467762	5467762 A tale of caution: the effect of media nutrients on light-driven cyanobacteria removal studies	Indira Menezes	Monitoring and Mitigation
5467763	5467763 Enhanced adsorption of highly toxic microcystin analogues onto virgin and aged six microplastic types	Diana S. Moura	Emerging Issues
5467790	5467790 Performance of high-throughput microfluidic real-time qPCR technology for the simultaneous detection of six Alexandrium species in environmental samples	Francesca Cucchi	Surveillance and Management
5467849	5467849 Morphology, biology and taxonomy of Goniiodomin-producing Alexandrium species: what we know and what we don't	Urban Tillmann	Taxonomy
5467920	5467920 Detection and Monitoring of Harmful Algal Blooms in Operational Fjord Systems	Daniel Ørnes Halvorsen	Prediction and Modeling
5467964	5467964 Dereplication of Gambierdiscus balechii extract for toxin screening	Christopher R. Loeffler	Ciguatera and Benthic HABs

5467971	5467971 Challenges in phycotoxin analysis in marine mammal biological matrices	Marina Arregui	Toxins, Biosynthesis and Detection Methods
5467981	5467981 Production succession, excystment and lateral/vertical transport of (harmful) dinoflagellate cysts in the active upwelling off Cape Blanc NW Africa	Karin A.F. Zonneveld	Ecology
5467994	5467994 Investigating the accumulation of dissolved domoic acid in mussels from Monterey Bay, California	Aubrey J. Trapp	Monitoring and Mitigation
5468030	5468030 Yessotoxin, a shellfish-killing toxin, impact the health and harvestability of many shellfish species in the Salish Sea, Washington, USA	Misty B. Peacock	Monitoring and Mitigation
5468046	5468046 Cyanosphere interactions as an important elements in controlling harmful algal blooms	Joanna Mankiewicz-Boczek	Cyanobacterial HABs
5468048	5468048 CyanoSTUNTM (Cyanobacteria Suppression Through Ultraviolet-C Neutralization): Results from Field Trials with a UV-Enabled Boat for Mobile Suppression of CyanoHABs	Jazmine L. Davalos	Monitoring and Mitigation
5468057	5468057 Dogs, Drones, and Genes: Developing a Holistic Monitoring Framework for HABs	Hannah Bonner	Surveillance and Management

5468065	5468065 Predicting future shellfish toxin dynamics in the rapidly changing climate of Southeast Alaska	John R. Harley	HABs in a Changing World
5468069	5468069 Identification of marine biotoxins	Magdalena Poechhacker	Ichthyotoxic HABs
5468249	5468249 Investigating the in-vitro toxicity mechanisms of prymnesins from <i>Prymnesium parvum</i>	Hélène-Christine Prause	Toxicology
5468269	5468269 Phylogenomic analysis of the genus <i>Brasilonema</i> (Nostocales, Cyanobacteria) with the descriptions of two novel species: <i>B. kendallianum</i> sp. nov., <i>B. urbanum</i> sp. nov.	Jing Hu	Taxonomy
5468300	5468300 It Takes a Village: Meeting the Complex Challenges Presented by HABs in Alaska Through the Alaska Harmful Algal Bloom Network	Thomas Jean Farrugia	Surveillance and Management
5468441	5468441 Species-specific seasonal distribution of <i>Skeletonema</i> resting cells in coastal sediments	Kazuhiro Yoshida	Biology and Biogeography
5468560	5468560 Highly variable toxin profiles in <i>Dinophysis norvegica</i> strains from different geographical locations	Christopher O. Miles	Toxins, Biosynthesis and Detection Methods

5468614	5468614 Diversity of HABs from the Texas coast (Gulf of Mexico) with a focus on extreme events: a full length 18S rDNA metabarcoding approach	Lisa Campbell	Microbiomes and Omics
5468639	5468639 Diospyros mespiliformis, a biofloculant agent, removal and lysis of cyanobacteria cells: Characterization, adsorption, thermodynamics, and kinetic study	Jabulani Ray Gumbo	Monitoring and Mitigation
5468644	5468644 Taxonomy and phylogeny of geosmin-producing Dolichospermum species	Akihiro Tuji	Cyanobacterial HABs
5468647	5468647 Toxic blooms of Alexandrium catenella in the warming Alaskan Arctic: a synthesis	Donald M. Anderson	HABs in a Changing World
5468649	5468649 Genomics and eco-active organic matter in oceans: the roles of harmful and other algae, with emphasis on physical effects	Ian R. Jenkinson	Microbiomes and Omics
5468657	5468657 Photo-physiology and mixotrophic grazing by dinoflagellate Karenia brevis on Synechococcus with different quality	So Hyun (Sophia) Ahn	HABs in a Changing World
5468671	5468671 Domoic Acid in a Warmer California Current: Emergence of Pseudo-nitzschia multiseriales as a Climate "Winner"	Raphael M. Kudela	HABs in a Changing World

5468674	5468674 Algal toxin exposure risks to Pacific walruses and Bowhead whales in the Alaskan Arctic during the anomalously warm ocean conditions of 2019	Kathi Ann Lefebvre	Toxicology
5468675	5468675 Massive Fish Killing in the River Oder in Poland/Germany in Summer 2022 – deciphering the disaster and insights into toxicity	Elisabeth Varga	Ichthyotoxic HABs
5468677	5468677 PhytO-ARM, an open source/open design toolkit for deployment of adaptive HAB monitoring systems	Michael L. Brosnahan	Monitoring and Mitigation
5468681	5468681 Environmental detection of Pseudo-nitzschia spp. and domoic acid biosynthesis in the Santa Barbara Channel, 2019-2022	Steffaney M. Wood	Toxins, Biosynthesis and Detection Methods
5468683	5468683 HAB Response to Agriculturally Derived Nutrient Loading	Holly Ann Bowers	Ecology
5468689	5468689 Intra-specific genomic and metabolic diversity of bloom-forming cyanobacteria at different spatial scales	Sebastien Halary	Ecology

5468690	5468690 Allelopathic effect on competition between the epibenthic dinoflagellates <i>Amphidinium thermaleum</i> and <i>Coolia malayensis</i> in laboratory conditions	Nadia Valeria Herrera Herrera	Community/Species Interactions
5468696	5468696 Microcystins and metabolites in European noble crayfish <i>Astacus astacus</i> in Lake Steinsfjorden, Norway	Ingunn Anita Samdal	Cyanobacterial HABs
5468744	5468744 Development of an LC-MS/MS Method for the Detection of Microcystins in Marine and Estuarine Shellfish	I-Shuo Wade Huang	Toxins, Biosynthesis and Detection Methods
5468746	5468746 Experimental studies of the aerosolization of toxins produced by <i>Ostreopsis cf. ovata</i>	Elisa Berdalet	Toxins, Biosynthesis and Detection Methods
5468747	5468747 The WHOI HABhub: an online portal for integration and real-time sharing of HAB surveillance data	Mindy Richlen	Surveillance and Management
5468761	5468761 The differential ability of wastewater- and fertilizer-derived nutrients to alter the intensity, diversity, and toxicity of harmful cyanobacterial blooms in North American lakes	Christopher John Gobler	Ecology

5468780	5468780 Biophysical Trapping and Phased Mating during a <i>Dinophysis acuminata</i> Bloom in Nauset Marsh	Serena Sung-Clarke	Ecology
5468807	5468807 Distribution and diversity of dinoflagellate cysts in surface sediments from the Meishan Bay, Zhejiang	Xinfeng Dai	Ecology
5468854	5468854 The effect of light intensity for the growth, vertical distribution and photosynthesis of <i>Karenia mikimotoi</i>	Shota Higo	Biology and Biogeography
5468873	5468873 Exploring omics technologies for effective HABs monitoring in Southern Chile	Gonzalo A. Fuenzalida	Monitoring and Mitigation
5468880	5468880 Detecting harmful algal taxa on the West Coast of the United States and Canada using DNA metabarcoding	Nicolaus G. Adams	Microbiomes and Omics
5468954	5468954 Eight years of weekly eDNA monitoring in the north-western Pacific: an overview of the HAB species detected	Sirje Sildever	Ecology

5468963	5468963 Mapping the predicted distribution of the benthic dinoflagellate <i>Gambierdiscus polynesiensis</i> after forecasted global warming in New Zealand	Dana K. Briscoe	Ciguatera and Benthic HABs
5468967	5468967 Prediction of <i>Chattonella</i> proliferation based on photosynthetic activity evaluation with a pulse amplitude-modulation fluorometry	Taro Arimoto	Monitoring and Mitigation
5469006	5469006 Exploring the Diversity of Small <i>Heterocapsa</i> species (Dinophyceae) in the NW Mediterranean	Nagore Sampedro	Taxonomy
5469062	5469062 Structural and functional characterization of a novel cyclic imine toxin	Romulo Araoz	Toxins, Biosynthesis and Detection Methods
5469068	5469068 Exploring the diversity and community assemblages of benthic harmful dinophytes by eDNA metabarcoding coupled with the artificial substrate sampling method	Chui Pin Leaw	Microbiomes and Omics
5469170	5469170 Understanding the factors influencing harmful algal blooms in Patagonian fjords and channel system: insights from historical data and recent studies.	Maximo J. Frangopulos	Ecology

5469171	5469171 In-situ Segmentation and Post-Processing of Phytoplankton Image Data Captured Onboard an Autonomous Surface Vehicle	Matias Haugum	Monitoring and Mitigation
5469196	5469196 Evaluating the potential future impacts of <i>Ostreopsis cf. ovata</i> via controlled experimental exposure of naïve shellfish from Great Britain	Adam Michael Lewis	HABs in a Changing World
5469249	5469249 Summer <i>Karenia brevis</i> Blooms in Eastern Gulf of Mexico: Climate Change, Importance of Mixotrophy and Relation to Increasing Hypoxia Events	Patricia M. Glibert	HABs in a Changing World
5469254	5469254 Application of lake Restoration: an ecofriendly approach using photocatalyst technology for improvement of biodiversity in recreational lake	Sang Mok Jung	Monitoring and Mitigation
5469263	5469263 How to integrate the qPCR method into HABs monitoring? First results of an international workshop promoted by GlobalHAB	Anette Engesmo	Emerging Issues
5469271	5469271 The Amnesic Shellfish Poisoning toxin, domoic acid: the tattoo of the King scallop <i>Pecten maximus</i> ?	José Luis García-Corona	Emerging Issues

5469280	5469280 Investigating the molecular and physiological responses of temperature-adapted toxic <i>Pseudo-nitzschia</i> to ocean warming	Julia Baer	HABs in a Changing World
5469288	5469288 Predicting exposure of saxitoxins to Pacific Walrus using toxin trophic-transfer models	Patrick M. Charapata	Prediction and Modeling
5469295	5469295 Interactions between <i>Dinophysis acuminata</i> and zooplankton grazers during harmful algal blooms	Megan Ladds	Ecology
5469296	5469296 In-situ assessment of bloom microbiomes associated with the HAB dinoflagellates <i>Gymnodinium catenatum</i> and <i>Tripos furca</i>	Christopher John Stanley Bolch	Microbiomes and Omics
5469314	5469314 Exploration of the <i>Microcystis</i> phycosphere: comparative analyses of nitrogen assimilation and bacterial communities in North American lakes	Ann Marie E. Famularo	Microbiomes and Omics
5469318	5469318 Real-time HAB alerts using in-situ sampling and AI image classification	Gary Groves	Monitoring and Mitigation
5469333	5469333 A novel immobilized algicidal bacteria (DinoSHIELD) for controlling harmful dinoflagellates: A mesocosm study in the Broadkill River, DE, USA	Yanfei Wang	Monitoring and Mitigation

5469335	5469335 A novel immobilized algicidal bacteria (DinoSHIELD) for controlling harmful dinoflagellates: Establishing application rates	William C. Holland	Surveillance and Management
5469343	5469343 Effects of ocean acidification on the growth and domoic acid production of the diatom <i>Pseudo-nitzschia multiseriata</i> from the California Current System	William Patrick Cochlan	HABs in a Changing World
5469347	5469347 A novel immobilized algicidal bacteria (DinoSHIELD) for controlling harmful dinoflagellates: Transitioning research to the field	Kaytee Pokrzywinski	Monitoring and Mitigation
5469356	5469356 Harmful algal blooms dynamics and toxic outbreaks in coastal waters of Central-Southern Pacific Ocean Chile (36° - 44°S).	Oscar Antonio Espinoza	Surveillance and Management
5469357	5469357 Study of Bloom-Causing Species in Acapulco Bay over a 20-Year Period (2000-2023)	Maria Eugenia Zamudio Reseniz	HABs in a Changing World
5469381	5469381 On the morphological and phylogenetic diversity of cryptophytes of the <i>Teleaulax-Plagioselmis-Geminigera</i> clade and the species identity of kleptoplastids from <i>Dinophysis</i>	Aitor Laza Martinez	Biology and Biogeography

5469447	5469447 Evaluation of the cytotoxic activity of methanolic extracts from the dinoflagellate Amphidinium against human breast and lung cancer cell lines	María del Carmen Osorio-Ramírez	Toxins, Biosynthesis and Detection Methods
5469450	5469450 Field validation of the qualitative Neogen lateral flow immunoassay for paralytic shellfish toxin monitoring in Southern Rock Lobster hepatopancreas tissues	Andreas Seger	Toxins, Biosynthesis and Detection Methods
5469514	5469514 Multi-decadal trends in Karenia mikimotoi blooms in Japan	Yoichi Miyake	HABs in a Changing World
5469538	5469538 Allelopathic interactions of Margalefidinium polykrikoides with coexisting species, with an emphasis on marine heatwave	Yeongji Oh	Community/Species Interactions
5469542	5469542 Spatiotemporal diversity of marine benthic CyanoHABs and their potential as reservoirs for harmful eukaryotic algae	David Erwin Berthold	Cyanobacterial HABs
5469596	5469596 Characterizing Cyanobacterial HABs Microbiomes: Beyond Microcystis	Forrest W. Lefler	Microbiomes and Omics
5469635	5469635 Discover Novel Resting Cyst-producers in Dinoflagellates with Multiple Approaches	Ying Zhong Tang	Biology and Biogeography

5469716	5469716 Toxic Ecological Relationships: Evaluation of Toxic Compounds Exuded from <i>Karenia selliformis</i> on Marine Microalgae	Victoria P. Alfaro-Ahumada	Ecology
5469734	5469734 Control of <i>Karenia brevis</i> blooms through various flocculation and sedimentation methods	Vincent John Lovko	Monitoring and Mitigation
5469739	5469739 Analysis of Harmful Algal Blooms in the Mexican Tropical Pacific: A Remote Sensing Approach	Sinuhé Hernández-Márquez	HABs in a Changing World
5469782	5469782 Regulation of Photosynthetic and Hemolytic Activity of <i>Phaeocystis globosa</i> Under Different Light Spectra	Mengmeng Tong	Ichthyotoxic HABs
5469783	5469783 Bacterial effect on red tide formation caused by <i>Karenia selliformis</i> on the coast of Hokkaido, Japan	Shigekatsu Suzuki	Community/Species Interactions
5469784	5469784 Warning And Technology to Combat Hazards of Harmful Algal Blooms in Region VIII (WATCH HAB R8) and other efforts on HAB mitigation in E. Visayas, Philippines	Leni G. Yap-Dejeto	Socio-economic Impacts

5469834	5469834 Social Drivers of Knowledge, Beliefs and Practices on Harmful Algal Blooms: Lessons from Fishing Communities in Biliran and Leyte Regularly Exposed to HABs	Mark Leonard Siong Silaras	Socio-economic Impacts
5469837	5469837 How different Dissolved Organic Matter (DOM) can influence phytoplankton community structure.	Lucas Morais	Cyanobacterial HABs
5469912	5469912 Detoxification and Recycling of the Harvested Microalgae with Organic Food Waste using Salt-tolerant Mushroom Strains	Suk K. Sim	Cyanobacterial HABs
5469966	5469966 Development of a novel fluorometer to detect harmful algal bloom species and applications to a HABs monitoring	Mitsuo Yoshida	Monitoring and Mitigation
5469970	5469970 The impact of marine heatwaves on phytoplankton community changes in the subarctic coastal region of southeastern Hokkaido, Japan	Tomonori Isada	HABs in a Changing World
5470012	5470012 Patterns and drivers of toxic Pseudo-nitzschia spp. abundance identified with an Imaging FlowCytobot in the Northern California Current System	Alexis Dal Fischer	Ecology

5470086	5470086 Interplay between ichthyotoxic dinoflagellate <i>Karenia mikimotoi</i> and marine bacteria isolated from blooming water and cultivable phycosphere	Wang Fat Lee	Ichthyotoxic HABs
5470087	5470087 Toxicokinetic Mechanisms and Food Web Dynamics of Caribbean Ciguatoxins	Alison Robertson	Ciguatera and Benthic HABs
5470137	5470137 High-resolution multi-omics analyses provide insights into a toxic algal bloom and cellular processes of the ichthyotoxic and mixotroph <i>Chrysochromulina leadbeateri</i>	Uwe John	Microbiomes and Omics
5470156	5470156 Comprehensive understanding of the life history of <i>Heterosigma akashiwo</i> (Raphidophyceae): Integrating in situ and in vitro observations	Joo-Hwan Kim	Ichthyotoxic HABs
5470225	5470225 Rapid and sensitive detection of ciguatoxins with a single-step immunosensing strategy	Mònica Campàs	Ciguatera and Benthic HABs
5470255	5470255 Mitigating Cyanobacterial Blooms (cHABs): An Introduction of powdered-Diatomaceous earth (pDE) in Contaminated Freshwater Set-ups	Rodrigo V. Dejeeto	Cyanobacterial HABs
5470274	5470274 Accumulation of ciguatoxins in the New Zealand greenshell mussel and changes in their transcriptomes	Laura Biessy	Emerging Issues

5470285	5470285 Light microscopy and metabarcoding of 16S and 18S reveals the distribution of harmful algae in a salinity gradient from the Baltic Sea to the Kattegat-Skagerrak, NE Atlantic	Bengt Karlson	Biology and Biogeography
5470287	5470287 The genus Amphidinium in Mexico: Morphological and molecular characterization, amphidinol identification, and new analogs	Lorena María Durán-Riveroll	Toxins, Biosynthesis and Detection Methods
5470293	5470293 Genetic differentiation between red and green type of Noctiluca scintillans in Jakarta Bay, Indonesia	Muhammad Izzat Nugraha	Taxonomy
5470340	5470340 Transition of social perception on shellfish toxin and poisoning: Through a text analysis of newspapers in Japan	Kazumi Wakita	Socio-economic Impacts
5470354	5470354 Machine and Deep Learning Approaches to Automated Classification of Philippine HABs Species	Paul Samuel Padasas Ignacio	Prediction and Modeling
5470364	5470364 Exploration of Vulcanodinium rugosum toxins and their metabolism products in mussels from the Ingril lagoon hotspot in France.	Vincent Hort	Toxins, Biosynthesis and Detection Methods

5470376	5470376 Development of a forecast model for harmful algal bloom (HAB) over the long term in Sabah's coastal waters	Teruaki Yoshida	Prediction and Modeling
5470392	5470392 The Magical Mystery Tour that is Dinoflagellate Sterolysin BioSynthesis Some Assembly (Correction) Required	Allen Richard Place	Toxins, Biosynthesis and Detection Methods
5470397	5470397 Shifting the paradigm: In-reservoir UV-LED TiO ₂ photocatalysis for the selective removal of cyanobacteria – a mesocosm study	Carlos J. Pestana	Monitoring and Mitigation
5470406	5470406 The occurrence pattern of the generalist parasitoid Parvilucifera (Alveolata, Perkinsozoa) of dinoflagellates revealed by a high-frequency time series data	Boo Seong Jeon	Ecology
5470411	5470411 Diversity and niche differentiation of the Amoebophrya species complex infecting harmful dinoflagellates in Korean coastal waters	Bora Lee	Ecology
5470487	5470487 Official control protocol in the Canary Islands (Spain) for detecting CTXs in commercial fish from first sale points	Fernando Real	Surveillance and Management

5470494	5470494 Spatial distribution of benthic cysts of <i>Heterosigma akashiwo</i> (Raphidophyceae) in sediments of Puget Sound, Washington, USA	Ken-Ichiro Ishii	Ecology
5470540	5470540 Nutrient level changes in coastal areas of Japan from a view point of aquatic palynomorph assemblage analysis	Kazumi Matsuoka	Ecology
5470590	5470590 Severe acute dermatitis in Senegalese fishermen associated with <i>Vulcanodinium rugosum</i> and its cytotoxic metabolite portimine A	Philipp Hess	Emerging Issues
5470644	5470644 Paralytic shellfish toxin screening using bioelectronic tongue	Mariana Raposo	Toxins, Biosynthesis and Detection Methods
5470658	5470658 Characterisation and toxicological activity of three different <i>Pseudo-nitzschia</i> species from the northern Adriatic Sea (Croatia)	Mirta Smodlaka Tankovic	Toxicology
5470691	5470691 Looking into the past: Photophysiological performance in 'revived' 50 year old toxic <i>Nodularia spumigena</i> from Baltic Sea sediment suggest adaptation to climate warming	Cynthia Medwed	Ecology

5470702	5470702 Non-target analysis of marine algal toxins using passive samplers with liquid chromatography–high-resolution mass spectrometry	Pearse McCarron	Toxins, Biosynthesis and Detection Methods
5470704	5470704 Forecasting harmful algal blooms for the aquaculture industry in Mediterranean coastal waters	Margarita Fernández-Tejedor	Prediction and Modeling
5470705	5470705 Evolution of Harmful Algal Blooms in the Coastal Waters of the Bohai Sea and the Yellow Sea, China	Rencheng Yu	HABs in a Changing World
5470720	5470720 A multi-disciplinary mid-term evaluation of the impact of climate change on the occurrence of ciguatera in the Balearic Islands Archipelago.	Jorge Diogene	Ciguatera and Benthic HABs
5470724	5470724 Genus Pseudo-nitzschia: The physiology of success in a highly structured and dynamic phytoplankton ecosystem	Daniela Maric Pfannkuchen	Ecology
5470727	5470727 Biology and ecology of the invasive diatom <i>Cymbella janischii</i> – what's happening in the mat?	Shinya Sato	Microbiomes and Omics

5470740	5470740 Automated optical approaches for in vivo multiscale monitoring of phytoplankton communities and HABs in the English Channel and North Sea	Luis Felipe Artigas	Monitoring and Mitigation
5470763	5470763 Unraveling Energy Allocation and Predator Interactions in Toxic Diatoms: Insights into Pseudo-nitzschia Ecological Dynamics	Anna Junker Olesen	Community/Species Interactions
5470775	5470775 The effect of hurricane disturbance on benthic microalgal communities in the Northern Gulf of Mexico	Sabrina Heiser	HABs in a Changing World
5470789	5470789 The role of habitat dynamics in the facilitation of <i>Ostreopsis</i> spp. blooms	Luisa Mangialajo	Ciguatera and Benthic HABs
5470797	5470797 The mitigation potential of harmful algal blooms (<i>Alexandrium catenella</i> , <i>Pseudo-nitzschia</i> spp., <i>Dinophysis acuminata</i> , <i>Margalefidinium polykrikoides</i>) by cultivable seaweeds	Laine Harriet Sylvers	Monitoring and Mitigation
5470802	5470802 Understanding shellfish biotoxin contamination and predicting DSP events: The Portuguese case study	Marta Belchior Lopes	Prediction and Modeling

5470840	5470840 Comparative gene expressions of <i>Pseudonitzschia pungens</i> co-cultured with different bacterial phylotypes	Marilou P. Sison-Mangus	Microbiomes and Omics
5470845	5470845 Use of a Novel Photocatalyst to Mitigate Freshwater and Marine Eutrophication and Forestalling the Generation of Harmful Algal Blooms (HABs)	Farshid Soheili Najafabadi	Cyanobacterial HABs
5470847	5470847 Cluster analysis reveals different HAB-related species assemblages in the northern Adriatic	Ivan Vlasicek	Community/Species Interactions
5470856	5470856 Assessing the Impact of Cyanotoxins and Water Quality on Aquatic Life in Reservoirs	Ernani Pinto	Cyanobacterial HABs
5470864	5470864 A review on environmentally friendly strategies against harmful algal blooms	Ichiro Imai	Monitoring and Mitigation
5470898	5470898 The California HAB Early Warning system: a prototype system for a national HAB Observing System in the U.S.	Clarissa Anderson	Monitoring and Mitigation
5470900	5470900 New Records of Three Raphidophytes in Philippines: Taxonomic Identification and Phylogeographic Insights	Samantha Patricia Castañeda Esteban	Taxonomy

5470904	5470904 Dangerous hitchhikers: attachment, transport, and survival of HABs-causing species in floating plastics debris	Deo Florence Llacuna Onda	Ecology
5470921	5470921 Benthic Harmful Algal Blooms in the Mediterranean Sea and the Tropics: drawing from similarities and differences	Marie-Yasmine Dechraoui Bottein	Ciguatera and Benthic HABs
5470944	5470944 Toxicity of Dinophysis spp.: Conventional Toxin Productions and Negative Impacts on Bivalves from Monoclonal Cultures and Feeding Experiments	Leila Basti	Toxicology
5470985	5470985 The California Imaging FlowCytobot Network: automated image classification and data integration for state-wide HAB monitoring	Kasia M. Kenitz	Monitoring and Mitigation
5471110	5471110 Composition and spatial-temporal dynamics of phytoplankton community shaped by environmental selection and interactions in the Jiaozhou Bay	Shuya Liu	Ecology
5471354	5471354 Comparative genome and transcriptome analyses in the cosmopolitan diatom genus, Skeletonema	Satoshi Nagai	Biology and Biogeography

5471359	5471359 Mitigation of <i>Prymnesium parvum</i> blooms in experimental conditions and its consequences	Iwona Jasser	Monitoring and Mitigation
5473050	5473050 High Resolution Biological and Physical Profiling of the Demise of Domoic Acid during the Relaxation of Upwelling	Monica Thukral	Ecology
5473363	5473363 New toxins and toxic species - and what about their names? – News from the IOC- taxonomic reference list group	Nina Lundholm	Taxonomy
5476418	5476418 Insights into the chemistry of microalgal toxins involved in recent northern European fish killing events	Thomas Ostenfeld Larsen	Toxins, Biosynthesis and Detection Methods
5476452	5476452 Saxitoxin Dynamics Underlying Bloom Development and Persistence in the Bioluminescent HAB species <i>Pyrodinium bahamense</i>	Kathleen D. Cusick	Ecology