

CURRICULUM VITAE

8/23

DONG-HA MIN

PERSONAL

Citizenship: Korea (Permanent Resident: Alien of Extraordinary Ability/ National Interest)

ADDRESS & TELEPHONE

The University of Texas at Austin
Department of Marine Science
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EDUCATION

Ph.D., Oceanography, Scripps Institute of Oceanography, University of California, San Diego, 1999

M.Sc., Chemical Oceanography, Seoul National University, 1989

B.Sc., Oceanography (minor in Chemistry), Seoul National University, 1987

Additional Coursework

NASA Summer School for Earth Sciences: Processes of Global Change, California Institute of Technology, August 1993

Title of Dissertation

Studies of large-scale intermediate and deep water circulation and ventilation in the North Atlantic, South Indian and Northeast Pacific Oceans, and in the East Sea (Sea of Japan), using chlorofluorocarbons as tracers.

Dissertation Advisor

Ray F. Weiss (Distinguished Professor of Geochemistry/Associate Dean Emeritus), Scripps Institution of Oceanography, University of California San Diego, 9500 Gilman Drive, La Jolla CA, 92093, Mail Code: 0244, (858) 534-2598, rfweiss@ucsd.edu.

Postdoctoral Research Topic

1. Circulation and ventilation studies of the East Sea (Sea of Japan) by utilizing transient tracers (University of Washington, Seattle, WA)
2. Decadal-scale changes in dissolved oxygen in the Southern Ocean (Pennsylvania State University, University Park, PA)

Postdoctoral Advisor

1. Prof. Mark Warner
2. Prof. Klaus Keller

PROFESSIONAL EXPERIENCE

2020-Present	Associate Professor of Instruction, Department of Marine Science, The University of Texas at Austin, Austin, Texas.
2018-2020	Assistant Professor of Instruction, Department of Marine Science, The University of Texas at Austin, Austin, Texas.
2016-2018	Lecturer, Department of Marine Science, The University of Texas at Austin, Austin, Texas.
2015-2016	Learning Specialist, Sanger Learning Center, School of Undergraduate Studies, The University of Texas at Austin, Texas
2014-2016	Research Fellow, Department of Marine Science, The University of Texas at Austin, Texas.
2012-2014	Lecturer, Department of Marine Science, The University of Texas at Austin, Austin, Texas.
2005-2012	Assistant Professor, Department of Marine Science, The University of Texas at Austin, Port Aransas, Texas.
2005-2009	Research Assistant Professor, Marine Science Institute, The University of Texas at Austin, Port Aransas, Texas.
2002-2005	Research Associate, Department of Geosciences, The Pennsylvania State University.
1999-2002	Postdoctoral Research Associate, School of Oceanography, University of Washington.
1992-1999	Graduate Student Researcher, Scripps Institute of Oceanography, University of California, San Diego.
1990-1992	Assistant Researcher, Research Institute of Oceanography, Seoul National University, Korea.
1991	Lecturer, Department of Oceanography, Kunsan National University, Korea.
1989-1990	Reserve Officer, Korean Army
1987-1988	Research Assistant, Department of Oceanography, Seoul National University, Korea.
1987	Teaching Assistant, Department of Oceanography, Seoul National University, Korea.
1983	Summer Undergraduate Intern Student, Korean Ocean Research and Development Institute.

HONORS/AWARDS

2020	UT Experiential Learning Initiative Faculty Ambassador, 2020-2021
2014	UT Services for Students with Disabilities Clock Award
2013	UT College of Natural Sciences Teaching Excellence Award

PROFESSIONAL SOCIETIES

American Geophysical Union
 The Korean Society of Oceanography
 Korean-American Scientists and Engineers Association

PROFESSIONAL SERVICES

Panel Reviewer

NSF-Graduate Research Fellowship (Chemistry II)

Proposal Reviewer

UT Research Grants
 UT Experiential Learning Initiative Course Developer proposal review
 Korean National Science & Technology Commission's R&D Project

Journal Editor

2012-2015 The Sea: The Korean Society of Oceanography (Editorial Board)

Journal Reviews

Journal of Physical Oceanography, Marine Chemistry, Progress in Oceanography, Journal of the Korean Society of Oceanography, Geophysical Research Letters, Journal of Geophysical Research, Journal of Oceanography, Deep-Sea Research I, Deep-Sea Research II, Continental Shelf Research, Nature Geoscience, Ocean Science

OTHER SERVICE

University

2023	Chair, Professional-Track Faculty Third Year Review Committee, MSI
2023	Member, Natural Science & Technology Core Curriculum Assessment grader training, UGS
2022	Member, MSI, Staff Search Committee – Marine Science Coordinator
2021-Present	Ex-officio member, Mentoring Sub-committee of Professional Track Faculty Committee, CNS
2020-Present	Department delegate for CNS Diversity Committee, MSI
2020-2021	Inaugural Chair, Mentorship Sub-committee of Non-Tenure Track Faculty Committee, CNS
2018	Member, Natural Science & Technology Core Curriculum Assessment grader training, UGS
2017-2021	Member, Non-Tenure Track Faculty Committee, CNS
2017-2019	Member, UT Natural Science & Technology Core Curriculum Assessment Group (MNS 308 course case highlighted in final report)
2017-Present	Inaugural Member, Sanger Learning Center Faculty Advisory Committee, UGS
2016-Present	Member, Marine & Freshwater Science Program Undergraduate Adviser Team
2015-2016	Learning specialist, Sanger Learning Center, UT (hosting Distinguished Faculty

	Workshop Series for student educators)
2015-2016	Learning specialist, Sanger Learning Center, UT (academic counseling, supervising student educators, training Signature Course TAs)
2013-2014	Member, Marine & Freshwater Biology Program Undergraduate Adviser
2010-2012	Chair, MSI, Schweppe Seminar Committee
2010-2012	Member, MSI, Seminar Committee
2010-2012	Member, CNS, Undergraduate Scholarship Committee
2010	Member, DMS, Student Candidacy Oral Exam Committee
2009-2012	Member, MSI, Marine Operations Committee
2007-2014	UT Environmental Science Institute Watershed Portfolio Program Affiliated faculty
2009	Chair, MSI, Faculty Search Committee – Marine Biogeochemist
2009	Chair, DMS, Students Candidacy Exam Committee – Biogeochemistry
2008-2010	Member, MSI, Faculty Merit Review Committee
2008	Member, DMS, Student Candidacy Oral Exam Committee
2007	Member, MSI, Faculty Search Committee – Quantitative Ecologist
2006-2009	Member, MSI, Awards Committee
2005-2012	Member, DMS, Students Candidacy Exam Committee – Biogeochemistry
2005-2012	Member, MSI, Graduate Studies Committee
2005-2006	Leader, MSI, Pier Lab Renovation Task Force
2005-2006	Member, MSI, Library Committee
2005-2006	Member, MSI, Ship & Boat Committee
2005-2006	Ad hoc Space Policy Committee
2005	Member, MSI, Faculty Search Committee – Marine Chemist

State

2014-present	Member (Individual), Party to the Gulf of Mexico Coastal Ocean Observing System (GCOOS) Memorandum of Understanding
2009-2014	Member (Institute – representing MSI), Party to the Gulf of Mexico Coastal Ocean Observing System (GCOOS) Memorandum of Understanding
2007-2009	Member (Individual), Party to the Gulf of Mexico Coastal Ocean Observing System (GCOOS) Memorandum of Understanding

Community

2023	Built a new UT Marine Science (Undergraduate) Alumni Network
2023	Participated the CNS graduation event as department representative
2023	College of Liberal Arts, UTurn faculty luncheon
2023	Spoke with high school students interested in marine science
2022	Spoke at the Korean Student Association meeting
2022	Participated the CNS graduation event as department representative
2022	Spearheaded an idea to bestow the department medals to the graduating undergrad and grad students of the department (implemented in 2022 summer).
2022	Spoke at the Marine Science Club, UT
2022	Spoke with high school student interested in MFS

2021 Fall	Served as faculty docent at CNS <i>Teaching Discovery Day</i>
2021 Fall	Interviewed with a PhD student at KAIST (Korea Advanced Institute of Science & Technology) for his PhD thesis topic.
2021	Served as a reviewer of CNS Distinguished Honored Graduates awards
2021	Participated the CNS graduation event as department representative
2021	Interviewed for the female middle school students' STEM career day
2021	Spoke at the Marine Science Club, UT
2021-present	Mentored junior faculty at department
2020-2021	Mentored Experiential Learning Initiative Course Developer faculty (2)
2020	Spoke at the Marine Science Club, UT
2020	Spoke with ADPAC student organization, UT
2019	Shared experiential learning activity examples with TIDES, CNS, UT
2019-2022	Faculty mentorship connection with TIDES, CNS, UT
2019	Accompany the Marine Science Club's trip to Marine Science Institute, UT
2019	Spoke at the Marine Science Club, UT
2019	Spoke with FIG students
2019	Spoke with <i>Zeta House</i> students
2019	Spoke with the <i>Creators for Cause</i> student group, UT
2019	Invited to the " <i>Pie a President</i> " student organization event, UT
2019	Spoke with prospective students to UT marine science program
2018 Fall	Served as faculty docent at CNS <i>Teaching Discovery Day</i>
2018	Interviewed with Faculty Innovation Center for Experiential Learning case study
2018	Interviewed for a student class video project: faculty profile (https://preview.tinyurl.com/y2j6lfuc)
2018	Spoke at the Marine Science Club, UT
2018	Spoke at the 314 Action UT Austin Chapter
2018	Invited to the BRP Dorm student event, UT
2018	Spoke with the West Lake High School students (class visit to MNS 308)
2017 Fall	Showcased MNS 307 class at CNS <i>Teaching Discovery Day</i>
2017	Invited to CNS " <i>Donut on the Patio</i> " to speak with students
2017	Launched a new network among the UT MSI & MFS alum who are in K-12 education/outreach for effective information exchange and sharing info
2017-present	Attended the <i>Undergraduate Research Forum</i> and offered feedback to students
2017-present	Attended the <i>Longhorn Research Poster Session</i> and offered feedback
2017-present	Attended the <i>BDP student poster symposium</i> and offered feedback
2017-2020	Served at the Explore UT, Marine Science information booth
2017-2020	CNS Family Day, Marine Science information booth
2016-present	Offered teaching counseling for undergraduate TAs
2016	Invited to " <i>Pie with Professor</i> " event at CNS
2015-2016	Volunteer at various UGS events
2015	Spoke at the Marine Science Club meeting, UT
2014-present	Department representative at CNS Commencement
2013	Panel member for UT CNS Professional Development Seminar Series: Ethics
2013	Marine Science Department representative at the UT CNS Family Event
2013-present	Invited to the annual <i>UTurn</i> faculty luncheon (to speak with students at the College of Liberal Arts, UT)

2013	Attended UT Junior Honors Colloquium Luncheon
2013	Hosted the international college exchange students at the oceanography class
2012-2014	Served as a <i>de facto</i> department representative in Austin for BIO 114A lab
2012	Donated marine science literature to the Marine Science Library
2012	Donated marine science journals to the Concordia University Library
2012	Ocean Sciences Meeting Outstanding Student Paper Award judge
2011	AGU Outstanding Student Paper Award judge
2011	Texas Academy of Science poster session judge
2011	UTMSI Open House volunteer
2010	Hosted a visit of St. Philips College students at UTMSI
2010	Corresponded to the Associate Press survey for the perceived impacts of the Deep Water Horizon oil spill on the Gulf of Mexico ecosystem.
2010-2012	Met with the Lake Travis Middle School Oceanography Club at UTMSI
2010-2012	San Jose Island beach cleanup (class activity)
2009-2012	Faculty evaluator for the UTMSI Student Symposium
2009-present	Administrator of UTMSI Facebook Group
2009-2014	UTMSI contact for collaboration with the Texas National Guard Army Heavy Dive Team
2008-2012	Faculty peer evaluator for other courses at UTMSI
2009	Met with the delegate scientists and administrators from the Korea Ocean Research and Development Institute, Korea
2008-2011	Leader of science ethics workshop series for UTMSI Research Experience for Undergraduate (NSF-REU) program
2008-2011	Primary contributor for field trips for UTMSI Research Experience for Undergraduate (NSF-REU) program
2008-2010	Organized the UTMSI booth at the American Geophysical Union and Ocean Sciences Meeting to promote the UTMSI program
2008-2009	Spoke with the First-year Interest Group (FIG) undergraduate student group
2008	UTMSI Open House volunteer
2007-present	Wrote recommendation letters for students
2006	UTMSI Open House volunteer
2006-2014	Regular reviewer of the “ <i>Science and the Sea</i> ” radio scripts
2005-present	Coordinator and founder of the <i>Korean Oceanographers Network Abroad</i> (KONA)
2005	City of Port Aransas Beach Maintenance Advisory Group
2004	Conference Session Chair at the Ocean Sciences Meeting, Portland, OR (OS21E Biogeochemical cycles, chemical tracers, plankton, and population dynamics posters)
2003-2004	Expert Analyst and Contributor of KOSEN (The Global Network of Korean Scientists and Engineers)

PROFESSIONAL DEVELOPMENT

2023	CNS Super Mentor panel meeting & Canvas Ally workshop (organization & participation)
2023	UT Texas Teach Up event: class observation
2022	CNS Teaching Discovery Day: class observation

2021	CNS Teaching Discovery Day: observation & faculty docent
2021	UT Online Teaching Day: class observation
2020	CNS Teaching Discovery Day: featuring a session and participating other sessions (3)
2020	Experiential Learning Initiatives (ELI) workshop
2020	Teaching technology workshops (Proctorio, Panopto, Gradescope), UT
2020	Eyes on Teaching, UT
2019	CNS Teaching Discovery Day class observation & FRI lab tour / Tele-connect the Class observation with MSI faculty in Port Aransas
2019	Flags symposium, UGS
2019	Collaborative Learning Workshop: Assessment, Faculty Innovation Center, UT
2019	Eyes on Teaching, UT
2018	CNS Teaching Discovery Day class observation
2018	Faculty Search Committee Workshop, UT
2018	<i>Ethics Across Campus</i> workshop, UGS, UT
2018	Ethics Flag Workshop, UGS, UT
2018	Collaborative Learning Workshop: Group Learning, Faculty Innovation Center, UT
2018	Teaching Large Classes: Showcase Workshop & Opening Doors to Teaching Large Classes workshop, FIC, UT
2018	SLC Educator Forum, UT
2018	FIC/UT Libraries Graduate Teaching Showcase, UT
2018	Eyes on Teaching, UT
2017	<i>Ethics & Leadership</i> Flag for MNS 308 (Humans & a Changing Ocean) class, UT
2017	Eyes on Teaching, UT
2017	CNS TIDES STEM Teaching Hacks workshop
2017	NTT Faculty Info session, UT
2017	Changing Education Symposium, UT
2016	Cognos & VIP Database training, UGS, UT
2015-2016	Initiated and conducted the <i>Distinguished Faculty Workshop Series for Student Educators</i> ; Produced the Sanger Learning Center information video for faculty in collaboration with staff at the Sanger Learning Center and the Learning Sciences (https://vimeo.com/133686823); Produced the syllabus description for the Sanger Learning Center to be used in the Course Syllabi Template for faculty in collaboration with staff at the Sanger Learning Center and the Learning Sciences (https://learningsciences.utexas.edu/sites/default/files/utsyllabustemplatedec_15_0.doc); Supervised the Signature Course TA cohort groups; Conducted tutor training and supervision as well as academic counseling.
2015	Student Academic counseling training, UGS, UT

COURSES TAUGHT

Undergraduate:

MNS 367K, Human Exploration & Exploitation of Sea, The University of Texas at Austin, Spring 2022, 2023 [BDP Env. & Sustain. Certificate course]

MNS 310, Fundamentals of Marine Science, The University of Texas at Austin, Fall of 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023

MNS 320, Marine Ecology, The University of Texas at Austin, Fall 2016, Spring/Fall 2017, Spring/Fall 2018, Spring/Fall 2019, Spring/Fall 2020, Spring/Fall 2021, Spring/Fall 2022, Spring/Fall 2023 [BDP Env. & Sustain. Certificate course, Peer-led Undergraduate Studying (PLUS) program implemented Spring 2019-Fall 2021]

MNS 308, Humans and a Changing Ocean, The University of Texas at Austin, Spring/Fall 2013, Spring 2014, Spring of 2017, 2018, 2019, 2020, 2021, 2022, 2023. [**Ethics & Leadership Flag from Spring 2018; NS&T I core course; BDP Env. & Sustain. Certificate course]

MNS 120L, Lab Studies of Marine Ecology, The University of Texas at Austin, Spring/Fall 2013, Spring 2014

MNS s354Q, Marine Environmental Science, The University of Texas at Austin, Summer 2012

MNS f354Q, Marine Environmental Science, The University of Texas at Austin, Summer 2011

MNS f152S, Undergraduate Seminar in Marine Science, The University of Texas at Austin, Summer 2011, 2012.

MNS f152T, Coastal Environmental Science in Texas Bays, The University of Texas at Austin, Summer 2008, 2009, 2010.

MNS f152L, Concepts in Marine Conservation Biology Lab, The University of Texas at Austin, Summer 2007

MNS 370, Independent Research for Credit, The University of Texas at Austin, Summer 2007, 2010.

MNS 307, Introduction to Oceanography, The University of Texas at Austin, Spring/Fall 2006, Spring/Fall 2008, Fall 2009, Fall 2010, Fall 2011, Fall 2012, Spring/Fall 2013, Spring/Summer 2014, Fall of 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023. [NS&T I core course; BDP Env. & Sustain. Certificate course]

BIO 101C Seminar in Marine Science, Guest Lecturer, The University of Texas at Austin, Fall 2005, 2006, 2007, 2008, 2009, 2010, 2011.

Earth 02, Marine Geology, Guest Lecturer, The Pennsylvania State University, 2003, 2004.

Introduction to Chemical Oceanography, Lecturer, Department of Oceanography, Kunsan National University, Korea, 1991.

Basic Marine Geochemistry, Lecturer, Department of Oceanography, Kunsan National University, Korea, 1991.

Chemical Oceanography, Department of Oceanography, Seoul National University, Korea, 1987.

Marine Chemistry Lab, Department of Oceanography, Seoul National University, Korea, 1987.

Graduate:

MNS 398T, Supervised Teaching in Marine Science, The University of Texas at Austin, Fall 2012, Fall 2013.

MNS 191, Seminar in Marine Science – Student Research Presentation, The University of Texas at Austin, Spring 2012.

MNS 383, Coastal Processes, The University of Texas at Austin, Fall 2007.

MNS 191, Seminar in Marine Science – Science Ethics, The University of Texas at Austin, Spring 2006.

GRADUATE STUDENT AND POSTDOCTORAL SUPERVISION

Postdoctoral Researcher

Dr. Jianhong Xue

Period

2010-2012

Former Student

Il Nam Kim

Degree

Ph.D.

Graduated

2012

Graduate Student Committees

B. Kim

Degree

Ph.D. (DMA)

2017

Afonso Cesar Souza

Ph.D.

2009

Lucia Upchurch

M.S.

2008

John A. Breier, Jr.

Ph.D.

2006

Undergraduate Student Committees

Hannah Lee (UT Plan II, Biology)

Degree

B.S.

Graduated

2011

Thesis - <https://repositories.lib.utexas.edu/handle/2152/17526>

José Luis Martínez (UT Plan II, Journalism) B.A.

2022

Thesis – Huracán: The Future of Texas in the Midst of Intensifying Hurricanes

Visiting Student Supervision

Taewook Kim (POSTECH University, Korea), PhD student, 2009

Undergraduate Independent Research Supervision

Sojin Park, UT Chemistry / BDP Connecting Experience Internship faculty mentor, 2020

Austin Richard, UT Marine & Freshwater Science / BDP Connecting Experience Internship faculty mentor, 2019

Silvia Maldonado, UT EEB (University Leadership Network intern), 2018-2019

Amanda Alva, UT Marine & Freshwater Science / BDP Connecting Experience Internship faculty mentor, 2018

Subbu Iyre, UT Chemistry / UT Research Week poster presentation, 2018

Kaleb Ashton, UT Environmental Science (EVS Capstone Research Project), 2016-2017 (2017 Sp co-supervising with Ed Buskey)

Gabriel Chavez, UT Biochemistry, Spanish, Psychology (University Leadership Network intern), 2016-2017

Jane Lee, UT International Relations & Global Studies, 2016 (unofficial thesis supervision)

Emma DeCaro, UT Public Relations / Environment / BDP Connecting Experience Internship faculty mentor, 2013

Brittany Morgan, UT Biology (Environmental Science Capstone Research Project), 2013

Patrick Mears, UT Marine & Freshwater Biology, 2010

Steven Cao (REU), UT Marine & Freshwater Biology, 2010 (co-supervising with McClelland)

July Enriquez (REU), UT Brownsville, 2009

Adrianne Lee (REU), Wellesley College, MA, 2008

Maria Mancha, UT Marine & Freshwater Biology, 2007

Student Worker Supervision

Abraham Roseman (UT, Mathematics), 2023
Berit Batterton (UT Marine Science), 2022
Anna Nugent (UT Marine & Freshwater Science), 2022
Carol Gonzalez (UT, Environmental Science), 2022-present
Justin Campbell (UT, Computational Engineering), 2021
Subbu Iyer (UT Chemistry), 2017-2021
Mark Lopez (UT Marine & Freshwater Biology), 2015-2016, 2018-2020
Patrick Mears (UT Marine & Freshwater Biology), 2012-2014

Non-student Worker Supervision

Kathryn Thompson, Marine Science Coordinator, UT Marine Science Institute, 2022- Present

LECTURES

Invited Conference Oral Presentations

Min, D.-H. 2021. Professional life of expatriate Korean marine scientist. School of Earth and Environmental Sciences, Seoul National University, Seoul, Korea (via Zoom).

Min, D.-H. 2013. Teaching Humans, Ocean, and Climate Change to Non-Science Major Students in College. The UKC 2013 Conference, East Rutherford, NJ.

Min, D.-H. 2013. Current Status and Future Direction of the U.S. CLIVAR/CO2 Repeat Hydrography Program, and Potential Implications for Korean Ocean Research Plan. The 2nd Korea-US Oceanic and Atmospheric Science and Technology Workshop, Vienna, VA.

Min, D.-H. 2012. Personal perspectives on future ocean research: Ocean 2050. Korea-U.S. Marine Scientists Meeting, Salt Lake City, UT.

Min, D.-H. 2011. Building a professional network for Korean expatriate marine scientists, 1st Korea-US Marine Technology Workshop, Vienna, VA.

Min, D.-H. 2008. Changes of atmospheric CO₂, oceanic uptake, and consequences, Coastal Issues Forum, Coastal Bend and Bays Foundation, TX.

Min, D.-H., K. Keller, and R.M. Key. 2004. Detecting decadal-scale oxygen trends in the Southern Ocean, The 11th Seoul International Symposium on Polar Sciences, "Patterns and Processes in Polar Oceans and Life: Signals and Responses from Molecules to System", 8-9 September.

Contributed Conference Oral Presentations

Mecking, S., K. Speer, I. Rosso, L. Schulze, J. Swift, L. Talley, A. Thurnherr, R. Fine, D. Min, R. Feely, B. Carter, A. Dickson, F. Millero, A. Macdonald (2018) From Australia to

- Chile: Pacific Decadal Water Column Changes along 32S, Abstract PL44C-1900 presented at 2018 Ocean Sciences Meeting, Portland, OR, 12-16 Feb.
- Min, D.-H. and J.L. Bullister, R.A. Fine, S. Mecking, W. Smethie, Jr., J. Swift. 2014. Presence of the anomalous chlorofluorocarbons at the bottom of the eastern subtropical North Pacific Ocean, American Geophysical Union Fall meeting, San Francisco, CA.
- Min, D.-H. 2013. Delineating the unseeable: CFCs as tracers of ocean processes, Ray F. Weiss Symposium, SIO/UCSD, La Jolla, CA.
- Min, D.-H. and J. Xue. 2012. Decadal-scale dissolved oxygen changes in the three mid-latitude marginal seas. Ocean Sciences Meeting, Salt Lake City, UT.
- Kim, I.-N. and D.-H. Min. 2012. Variability of summertime denitrification rates at the “Dead Zone” of the northern Gulf of Mexico: A modeling study using the extended OMP analysis. Ocean Sciences Meeting, Salt Lake City, UT.
- Min, D.-H. and J. Xue. 2011. Have there been significant decadal-scale dissolved oxygen changes in the Gulf of Mexico?, American Geophysical Union Fall meeting, San Francisco, CA.
- Min, D.-H. 2011. Wave and current characteristics at the Aransas Pass tidal inlet, Port Aransas, Texas, Texas Bays and Estuaries Meeting, Port Aransas, TX.
- Min, D.-H. 2011. Nature of water exchange processes at the Aransas Pass tidal inlet, TX observed by simultaneous currents and water property measurements, 2011 Texas Academy of Science meeting, Austin, TX.
- Min, D.-H. 2010. Characteristics of ocean currents and water properties observed throughout the water column at the Aransas Pass Tidal Inlet (UTMSI pier), TX during summer/fall 2010, 2010 GERS meeting, Port Aransas, TX.
- I.-N. Kim and D.-H. Min. 2010. Estimates of denitrification and nitrous oxide (N₂O) production rates in the northern Gulf of Mexico using a simple non-mixing Redfield ratio model, 2010 GERS meeting, Port Aransas, TX.
- Kim, I.-N., A.M. Macdonald, D.-H. Min, J. Happell, and C. Grall. 2010. Two different types of Antarctic Bottom Water (AABW) in the South Pacific Ocean observed from P6 cruise of the US CO₂/Repeat Hydrography Program in 2009. Deep Ocean Workshop: Observed and model-simulated property changes in the deep ocean of the Southern Hemisphere, June 2010, Hobart, Australia.
- Kim, I.-N., D.-H. Min and T.-S. Lee. 2010. Estimates of oxygen utilization rates (OURs) at individual basins in the East Sea (Sea of Japan), Spring 2010 Korean Society of Oceanography Meeting, Seoul, Korea.
- Min, D.-H. and G.C. Shank. 2010. Hypoxia and Associated Water Properties in Nearshore Gulf of Mexico Waters off Port Aransas, TX, 2010 Ocean Sciences Meeting, Portland, OR.
- Kim, I.-N., D.-H. Min and T.-S. Lee. 2010. Analysis of East/Japan Sea Intermediate Water and its physicochemical features from OMP analysis, 2010 Ocean Sciences Meeting, Portland, OR.

- Enriquez, J. and D.-H. Min. 2010. Spatial distribution of fluoride in freshwater and seawater of the South Texas rivers, bays, and nearshore Gulf of Mexico, 2010 Ocean Sciences Meeting, Portland, OR.
- Whelan, M., D.-H. Min, R.C. Rhew, and Y.-T. Liu. 2009. Diurnal fluxes of carbonyl sulfide (COS) in a subtropical salt marsh, 2009 AGU Fall Meeting.
- Buskey, E., D. Erdner, J. McClelland, D.-H. Min, P. Munguia, C. Shank, D. Brandenburg, J. Enriquez, R. Hartnett, C. Heron, S. Miller and L. Rubio. 2009. Research Experiences for Undergraduates - Field Experiences in South Texas: projects carried out in the Mission-Aransas NERR during summer 2009, NERRS meeting, CA.
- Bullister J.L., R. E. Sonnerup, D. W. Moore, R. A. Fine, D.-H. Min, W. M. Smethie, M. J. Warner, T. Tanhua, D. Keike, R. Steinfeldt, and M. Rhein. 2009. Dissolved Chlorofluorocarbons as Transient Tracers in the CLIVAR Repeat Hydrography Program, Ocean Observation '09 Conference, Venice.
- Min, D.-H. and R.C. Rhew. 2009. Methyl halide flux variability from a South Texas salt marsh, Texas Bays and Estuaries Meeting, UTMSI, Port Aransas, TX.
- Min, D.-H. 2009. Delineating the water column property variability at the Aransas Pass Tidal Inlet, Texas based on multi-parameter profiler observation, Texas Bays and Estuaries Meeting, UTMSI, Port Aransas, TX.
- Min, D.-H. 2008. High Frequency and Multi-parameter Observation of Land-Sea Connection at the Aransas Pass Tidal Inlet, South Texas in Summer 2008, 2008 Fall AGU Meeting.
- Whelan, M., R. Rhew, and D.-H. Min. 2008. Fluxes of Methyl Halides in Subtropical Salt Marshes, 2008 AGU Fall meeting.
- Min, D.-H. and A.F. Amos. 2008. Capturing an episodic freshwater discharge event by coastal ocean monitoring at the Aransas Pass tidal inlet, South Texas, 2008 Ocean Sciences Meeting.
- Buskey, E.J., D.-H. Min, L. Campbell, R.J. Olson, H.M. Sosik, and A.F. Amos. 2007. The UTMSI Pier: Instrumentation to keep a finger on the pulse of the Mission Aransas National Estuarine Research Reserve, 2007 NERR conference.
- Min, D.-H. 2007. Penetration of anthropogenic chlorofluorocarbon gases to thermocline and intermediate waters in the northwestern Gulf of Mexico, *Eos Trans. AGU*, 88(23), Jt. Assem. Suppl., Abstract OS53A-04.
- Min, D.-H. and R.C. Rhew. 2007. Large methyl halide fluxes from a Texas coastal wetland, Texas Bays and Estuaries Meeting, UTMSI, Port Aransas, TX.
- Min, D.-H. 2007. Initial results from multi-parameter profiling observation at the UTMSI pier in Aransas Pass tidal inlet, Texas, Texas Bays and Estuaries Meeting, UTMSI, Port Aransas, TX.
- Mecking, S., C. Langdon, C. Deutsch, R. Feely, C. Sabine, J. Swift, D.-H. Min, and P. Robbins. 2006. Variability in ocean interior circulation and biogeochemistry: Repeat hydrography and modeling studies, *EOS Trans. AGU*.

- Adams, J.S. and D.-H. Min. 2006. Environmental monitoring for the Texas National Estuarine Research Reserve (TxNERR): UTMSI & TAMUCC. Texas Bays and Estuaries Meeting, Port Aransas, TX.
- Park, G., K. Lee, P. Tishchenko, D.-H. Min, L.D. Talley, D.-J. Kang, and K.-R. Kim. 2006. An anthropogenic CO₂ inventory in the East (Japan) Sea and its effect on carbonate chemistry, *EOS Trans. AGU*, 87(36), Ocean Sci. Meet. Suppl., Abstract OS35G-08.
- Keller, K., D.-H. Min, and R.M. Key. 2004. Detecting decadal-scale oxygen trends in the Southern Ocean, *EOS Trans. AGU*, 84(52), Ocean Sci. Meet. Suppl., Abstract OS21N-05.
- Min, D.-H. and K. Keller. 2004. How robust are estimated decadal-scale trends in dissolved oxygen concentrations in the Southern Ocean with respect to methodological assumptions?, *EOS Trans. AGU*, 84(52), Ocean Sci. Meet. Suppl., Abstract OS21E-05.
- R.A. Fine, W.M. Smethie, Jr., J.L. Bullister, D.-H. Min, M.J. Warner, M. Rhein, A. Poisson, and R.F. Weiss. 2003. Ventilation and Mixing of Indian Ocean Bottom Waters, IUGG 2003 General Assembly, State of the Planet: Frontiers and Challenges, Sapporo, Japan.
- Fine, R.A., W.M. Smethie, Jr., J.L. Bullister, D.-H. Min, M.J. Warner, M. Rhein, and R.F. Weiss. 2002. Ventilation of the Indian Ocean from the South, WOCE and Beyond, Achievements of the World Ocean Circulation Experiment, San Antonio, TX, 18-22 November.
- Bullister, J.L., R.E. Sonnerup, R.A. Fine, D.-H. Min, S. Mecking, W.M. Smethie, Jr., M.J. Warner, and R.F. Weiss. 2002. The WOCE Pacific CFC Survey, WOCE and Beyond, Achievements of the World Ocean Circulation Experiment, San Antonio, TX, 18-22 November.
- Warner, M.J., D.-H. Min, J.L. Bullister, W. Roether, W.M. Smethie, R.F. Weiss, R.A. Fine, A.J. Watson, T.W.N. Haine, and A. Poisson. 2002. Distributions of Anthropogenic CFCs in the Southern Ocean, WOCE and Beyond, Achievements of the World Ocean Circulation Experiment, San Antonio, TX, 18-22 November.
- Bullister, J.L., R.E. Sonnerup, R.A. Fine, S. Mecking, D.-H. Min, W.M. Smethie, Jr., M.J. Warner, and R.F. Weiss. 2002. CFC distributions in the Pacific Ocean during the WOCE Hydrographic Program one-time survey, WOCE Workshop on: Tracers in Physical Oceanography, Seattle, WA.
- Min, D.-H., K.-R. Kim, and R.F. Weiss. 2002. Decadal-scale changes of ventilation rates in the East Sea (Sea of Japan): A study by the chlorofluorocarbons and a simple model, CREAMS/PICES Symposium, Seoul, Korea.
- Min, D.-H. and M.J. Warner. 2002. Apparent Removal of Carbon Tetrachloride in the Thermocline Waters of the East Sea (Sea of Japan), *EOS. Trans. AGU*, 83(4), Ocean Sciences Meet. Suppl., OS12O-5.
- Min, D.-H. and M.J. Warner. 2001. Unexpected bottom water ventilation pattern observed in the Japan Basin, 2001 CREAMS International Symposium, Honolulu, HI.
- Min, D.-H. and M.J. Warner. 2001. Ventilation and wide-range spreading of East Sea Intermediate Water, 2001 CREAMS International Symposium, Honolulu, HI.

- Min, D.-H. and M.J. Warner. 2000. Wide distribution of CFC-maximum intermediate water and unexpected ventilation pattern of bottom waters in the East (Japan) Sea observed in 1999, Suppl. to EOS, Trans., AGU, Vol.81 (48), F720.
- Min, D.-H., J.L. Bullister, and R.F. Weiss. 1999. Constant ventilation age of thermocline water in the eastern subtropical North Pacific Ocean from chlorofluorocarbon measurements over a 12-year period, Suppl. to EOS Trans., AGU, 80(49), Ocean Sciences Meeting, OS176.
- Min, D.-H., M.K. Vollmer, and R.F. Weiss. 1998. Ventilation of the Labrador Sea Water in the Subpolar North Atlantic Ocean, Suppl. to EOS Trans. AGU, 79 (1), Ocean Sciences Meeting, OS98.
- Min, D.-H., R.F. Weiss, and K.-R. Kim. 1996. Chlorofluorocarbons in the East Sea (Sea of Japan), Suppl. to EOS, Trans., AGU, Vol.76 (46):F352-F353.
- Min, D.-H. and R.F. Weiss. 1996. Chlorofluorocarbons in South Indian Intermediate Water, Suppl. to EOS, Trans., AGU, Vol.76 (3), OS128.
- Min, D.-H. 1996. Chlorofluorocarbons in the South Pacific Ocean: Tracers of circulation and ventilation, WOCE Pacific workshop, Newport Beach, CA.

Institutional Seminars

- Min, D.-H. 2011. Understanding decadal-scale changes of ocean ventilation: A case study at the East Sea (Sea of Japan), Department of Environmental Engineering, Texas A&M University Kingsville, Kingsville, Texas.
- Liu, Z., T. Villareal, D.-H. Min, P. Thomas, T. Quinn & L. Fuiman, 2011. Special Panel: The Deepwater Horizon Oil Spill, UTMSI Public Lecture Series, Port Aransas, TX.
- Min, D.-H. 2008. The phantom of oxygen: In pursuit of large-scale dissolved oxygen variability in the world oceans in response to climate change, POSTECH University, Korea.
- Min, D.-H.. Detection of decadal-scale oxygen variability in the world's deep ocean in response to recent climate change: Few examples from marginal seas to open oceans, Department of Oceanography, Texas A&M, College Station, March 2007.
- Min, D.-H. 2007. Ocean's Deep Breath in the Warming World, UTMSI Marine Science Advisory Council.
- Dunton, K., W. Gardner, T. Pease, D.-H. Min, and J. McClelland. 2007. Special Panel: Ask a Scientist - Climate Change, UTMSI Public Lecture Series, Port Aransas, Texas.
- Min, D.-H. 2004. Are we seeing early warning signs of ocean circulation changes? The cases of oxygen changes in the Southern Ocean and in the East Sea (Sea of Japan), Marine Science Institute, The University of Texas at Austin, Port Aransas, TX.
- Min, D.-H. 2003. Decadal-scale ventilation rate changes and anthropogenic tracer observations in the East Sea (Sea of Japan), Dept. Oceanography, Florida State University, Tallahassee, FL.

- Min, D.-H. 2002. Constraining the East Sea (Sea of Japan) circulation with CFC observations: A simple non-steady state model for the observed decadal-scale changes in ventilation rates and chemical properties, School of Oceanography, Univ. of Washington, Seattle, WA.
- Min, D.-H. 2001. Constant ventilation age of thermocline water in the eastern subtropical North Pacific Ocean from chlorofluorocarbon measurements over a 12-year period, Dept. Oceanography, Seoul National University, Seoul, Korea.
- Min, D.-H. 2001. Recent new findings of deep water circulation and ventilation in the East Sea, Korean Ocean Research & Development Institute, Korea.
- Min, D.-H. 1999. Circulation and ventilation of the Labrador Sea Water in the subpolar North Atlantic derived from distributions of chlorofluorocarbons, School of Oceanography, University of Washington, Seattle, WA.

PARTICIPATION IN SCIENTIFIC EXPEDITIONS

- 2010 Hawaiian Time Series (HOT) expedition 225, R/V Kilo Moana, Pacific Ocean, Scientist
- 2007-08 Repeat Hydrography P18 leg1, R/V Ronald Brown, Pacific Ocean, Co-Chief Scientist
- 2006 Omega06, R/V Longhorn, Gulf of Mexico, Scientist
- 2004 Repeat Hydrography P02 leg2, R/V Melville, North Pacific Ocean, Co-Chief Scientist
- 1999 *JES KH36-1*, R/V Prof.Khromov, East Sea (Sea of Japan), Postdoctoral Research Associate
- 1999 *JES Hahnaro-7*, R/V Reville, East Sea (Sea of Japan), Postdoctoral Research Associate
- 1997 *WOCE/ACCE A24*, R/V Knorr, North Atlantic Ocean, Graduate Student Researcher
- 1996 *CREAMS*, R/V Prof. Khromov, East Sea (Sea of Japan), Graduate Student Researcher
- 1995 *WOCE I3*, R/V Knorr, South Indian Ocean, Graduate Student Researcher
- 1994 *CalCOFI 9408*, R/V New Horizon, North Pacific Ocean, Graduate Student Researcher
- 1992 *JMJ*, R/V Tamgu, East Sea (Sea of Japan), Researcher
- 1991 *Environ. Study of Ocean Dumping*, M/V TaeWon, Yellow Sea, Researcher
- 1991 *Environ. Study of Ocean Dumping*, M/V HaeDong, East Sea (Sea of Japan), Researcher
- 1989 *Environ. Study of Ocean Dumping*, M/V TaeWon, Yellow Sea, Researcher
- 1989 *Environ. Study of Ocean Dumping*, M/V HaeDong, East Sea (Sea of Japan), Researcher
- 1989 *HD89*, M/V HaeDong, East Sea (Sea of Japan), Researcher
- 1989 *DangJin*, F/V noname, Yellow Sea, Graduate Student
- 1988 *DangJin*, F/V noname, Yellow Sea, Graduate Student
- 1988 *HBD88*, T/V Hanbada, East Sea (Sea of Japan), Graduate Student
- 1988 *BK88*, T/V Baekyung, South & East China Seas, Graduate Student
- 1988 *Ildo*, F/V noname, Yellow Sea, Graduate Student
- 1987 *KR87-1,-2,&-3*, F/V DaeYoung, Keum River Estuary, Korea, Graduate Student
- 1986 *ChoongMoo*, CGC 00, South Sea, Korea, Undergraduate Student
- 1986 *DongNamHaeYuk*, T/V Hanbada, East Sea (Sea of Japan), Undergraduate Student
- 1986 *GwangYang*, F/V noname, South Sea, Korea, Undergraduate Student
- 1986 *KR86*, F/V DaeYoung, Keum River Estuary, Korea, Undergraduate Student
- 1983 *JAWONDO*, R/V Chonnam 401, Yellow Sea, Undergraduate Student

GRANTS & CONTRACTS

Current and Previous Funding

National Science Foundation via Subcontract from the University of Washington, “US GO-SHIP 2021-2026 Repeat Hydrography, Carbon, and Tracer Measurements,” \$896,568. (2021-2026). PI.

National Science Foundation via Subcontract from the University of Washington, “Global Ocean Repeat Hydrography, Carbon, and Tracer Measurements, 2015-2020,” \$656,692. (2015-2020). PI.

Korea Institute of Ocean Science & Technology, “Application of gas tracers to ocean biogeochemistry and circulation studies,” (2017-2018, PI Dr. Tae-Wook Kim).
International Advising Collaborator

National Science Foundation via Subcontract from the Columbia University. “Collaborative Research: Global Ocean Repeat Hydrography, Carbon and Tracer Measurements, 2009-2014 (OCE 0752970),” \$474,947. (1/1/2009-12/31/2014, no cost extension till 2/2019). PI.

National Science Foundation. “REU Site: Field Experiences in South Texas Coastal Dynamics (OCE-0754750),” \$290,802. (1/1/2011-12/31/2013), Senior personnel.

Texas Water Development Board. “Gulf Inlet Monitoring,” \$10,000. (03/01/2011-2/28/2012). PI.

The University of Texas at Austin Research Grants Program. “Is marine plankton responsible in removing dissolved carbon tetrachloride in the ocean?” \$6,000. (10/1/2009-8/31/2010). PI.

National Science Foundation via Subcontract from the University of California San Diego. “Student Participation in P6 leg1, CLIVAR/CO2 Repeat Hydrography Program,” \$8,430. (09/01/2009-01/16/2010). PI.

Texas Water Development Board. “Monitoring Gulf-Bay water exchanges and other conditions off the south jetty of Port Aransas (#1004831010),” \$10,000. (03/01/2010-2/28/2011). Co-PI.

The University of Texas at Austin ~FAST TEX Program. “Web-based interactive instructional tool for marine and watershed environmental sciences in Texas,” (One year support for undergraduate student technician). (8/31/2009-5/31/2010 deferred indefinitely due to the University budget situation). PI.

Texas Water Development Board. “Gulf Inlet Monitoring (Aransas Pass),” \$10,000. (03/01/2009-2/28/2010). Co-PI.

National Science Foundation. “REU Site: Field Experiences in South Texas Coastal Dynamics,” (1/1/2008-12/31/2010), Senior personnel.

National Science Foundation via Subcontract from the University of California San Diego. “Collaborative Research: US Global Ocean Carbon and Repeat Hydrography Program (OCE 02-23869),” \$33,827. (12/01/2007-2/29/2008). PI.

The University of Texas at Austin Summer Research Assignment (SRA). “Decadal-scale variability of temperature, salinity, and dissolved oxygen in the Gulf of Mexico during the past four decades,” \$16,818. (07/01/2007-08/31/2007). PI.

- Keller Scientific Consulting, L.L.C. (K.S.C., L.L.C.). “Detecting Oxygen Trends in the Southern Ocean,” \$80,000. (2/2004-2/2005). Co-PI w/Klaus Keller, Penn State University.
- National Science Foundation via Subcontract from the University of California San Diego, “Collaborative Research: Global Ocean Repeat Hydrography, Carbon, and Tracer Measurements, P02, 2004,” \$13,638.00. (01/01/2003-12/31/2004). PI.
- Keller Scientific Consulting, L.L.C. (K.S.C., L.L.C.). “A Probabilistic Estimate of Oceanic CO₂ Sinks Constrained by CFC Observations,” \$30,000. (6/2003-6/2004). Contributor w/Klaus Keller, Penn State University.
- KOSEN (The Global Network of Korean Scientists and Engineers). “Recent advanced ocean tracer analysis techniques for climate change studies,” \$1,000. (11/2002-02/2003). PI.

Submitted Proposals

PUBLICATIONS (* = invited)

Refereed Scientific Journals

- Rhew, R. C., Whelan, M. E., and Min, D.-H. 2014. Large methyl halide emissions from south Texas salt marshes, *Biogeosciences*, 11, 6427-6434, doi:10.5194/bg-11-6427-2014.
- Kim, I.-N., D.-H. Min and A. Macdonald. 2013. Water column denitrification rates in the oxygen minimum layer of the Pacific Ocean along 32S and their significance to the Pacific nitrogen budget. *Global Biogeochemical Cycles*, 27:1-12, doi:10.1002/gbc.20070
- Kim, I.-N. and D.-H. Min. 2013. Physical and biogeochemical controls on temporal variability of summertime denitrification rates in the hypoxic coastal ocean. *Continental Shelf Research*, 66: 49-57, <http://dx.doi.org/10.1016/j.csr.2013.07.005>.
- Whelan, M., D.-H. Min and R. Rhew. 2013. Salt marsh vegetation is a carbonyl sulfide (COS) source to the atmosphere. *Atmospheric Environment*. 73, 131-137, doi:10.1016/j.atmosenv.2013.02.048.
- Kim, I.-N., D.-H. Min and T. Lee. 2012. Implication of deep nitrate deficit observed in the highly oxygenated East/Japan Sea. *Terr. Atmos. Ocean. Sci. Journal*, 23(6), 671-683, doi:10.3319/TAO.2012.08.11.01(Oc).
- Kim, I.-N., D.-H. Min, D.-H. Kim, and T. Lee. 2011. Investigation of the physicochemical features and mixing of East/Japan Sea Intermediate Water: An isopycnic analysis approach. *Journal of Marine Research*, 68, 799-818.
- Kim, I.-N., D.-H. Min, and T. Lee. 2010. Estimates of basin-specific oxygen utilization rates (OURs) in the East Sea (Sea of Japan). *The Sea, Journal of the Korean Society of Oceanography*, 15(2), 86-96 (in Korean).
- Min, D.-H., M.J. Warner and J.L. Bullister. 2010. Estimated rates of carbon tetrachloride removal in the thermocline and deep waters of the East Sea (Sea of Japan). *Marine Chemistry*. 121,100-111, doi: 10.1016/j.marchem.2010.03.008.

- LeBel D.A., W.M. Smethie, Jr., M. Rhein, D. Kieke, R.A. Fine, J.L. Bullister, D.-H. Min, W. Roether, R.F. Weiss, C. Andrie, D. Smythe-Wright, and E.P. Jones. 2008. The formation rate of North Atlantic Deep Water and Eighteen Degree Water calculated from CFC-11 inventories observed during WOCE. *Deep-Sea Research I*, 55, 891-910.
- Mecking, S., C. Langdon, R.A. Feely, C.L. Sabine, C.A. Deutsch, and D.-H. Min. 2008. Climate variability in the North Pacific thermocline diagnosed from oxygen measurements: An update based on the U.S. CLIVAR/CO₂ repeat hydrography cruises. *Global Biogeochemical Cycles* 22,GB3015, doi:10.1029/2007GB003101.
- Fine, R.A., W.M. Smethie, Jr., J.L. Bullister, M. Rhein, D.-H. Min, M.J. Warner, A. Poisson, and R.F. Weiss. 2008. Decadal Ventilation and Mixing of Indian Ocean Waters. *Deep Sea Research I* 55:20-37.
- Park, G.-H., K. Lee, P. Tishchenko, D.-H. Min, M.J. Warner, L.D. Talley, D.-J. Kang, and K.-R. Kim. 2006. Large accumulation of anthropogenic CO₂ in the East (Japan) Sea and its significant impact on carbonate chemistry. *Global Biogeochemical Cycles* 20, GB4013, doi:10.1029/2005GB002676.
- Talley, L., D.-H. Min, V. Lobanov, V. Luchin, V. Ponomarev, A. Salyuk, A. Shcherbina, P. Tishchenko, and I. Zhabin. 2006. Japan/East Sea water masses and their relation to the circulation. *Oceanography* 19(3):32-49.
- Min, D.-H. and K. Keller. 2005. Errors in estimated temporal tracer trends due to changes in the historical observation network: A case study of oxygen trends in the Southern Ocean. *Ocean and Polar Research* 27(2):189-195.
- Min, D.-H. and M.J. Warner. 2005. Basin-wide circulation and ventilation study in the East Sea (Sea of Japan) using chlorofluorocarbon tracers. *Deep-Sea Research II* 52:1580-1616.
- Talley, L.D., P. Tishchenko, V. Luchin, A. Nedashkovskiy, S. Sagalaev, D.-J. Kang, M. Warner, and D.-H. Min. 2004. Atlas of Japan (East) Sea hydrographic properties in summer, 1999. *Progress in Oceanography* 61:277-348.
- Min, D.-H., J.L. Bullister, and R.F. Weiss. 2002. Anomalous chlorofluorocarbons in the Southern California Borderland Basin. *Geophysical Research Letters* 29(20):1955, doi: 10.1029/2002GL015408.
- Rhein, M., J. Fischer, W.M. Smethie Jr., D. Smythe-Wright, R.F. Weiss, C. Mertens, D.-H. Min, U. Fleischmann, and A. Putzka. 2002. Labrador Sea Water: Pathways, CFC - Inventory and Formation Rates. *Journal of Physical Oceanography* (special edition) 32:648-665.
- Kim, K., K.-R. Kim, D.-H. Min, Y. Volkov, J.-H. Yoon, and M. Takematsu. 2001. Warming and Structural Changes in the East (Japan) Sea: A Clue to Future Changes in Global Oceans? *Geophysical Research Letters* 28:3293-3296.
- Min, D.-H., J.L. Bullister, and R.F. Weiss. 2000. Constant ventilation age of thermocline water in the eastern subtropical North Pacific Ocean from chlorofluorocarbon measurements over a 12-year period. *Geophysical Research Letters* 27:3909-3912.
- Kim, K.-R., K. Kim, D.-J. Kang, S.-Y. Park, M.-K. Park, Y.-G. Kim, H.-S. Min, and D.-H. Min. 1999. The East Sea (Japan Sea) in change: A story of dissolved oxygen. *Marine Technology Society Journal* 33:15-22.

- Cho, H.-M., M.-K. Park, J.-C. Nam, D.-H. Min, K.-R. Kim, B.-H. Song, B.-S. Kim, S.-K. Kim, and Y.-S. Chong. 1995. Trends of background concentration of atmospheric carbon dioxide in Korea. *Journal of Korean Meteorological Society* 31:301-312 (in Korean).
- Kim, K.-R., D.-H. Min, M.-K. Park, E.-H. Kim, S.-H. Choi, H.-M. Cho, and J.-C. Nam. 1994. A study on monitoring for CFC-12 and CFC-11 in the atmosphere near Mt. Kwan-Ak. *Journal of Korea Air Pollution Research Association* 10:41-48. (in Korean).

Technical Reports

- Haberer, J., and P. Montagna (Edited: H. A. Herrick and D.-H. Min). 2018. Introduction to Oceanography Laboratory Manual MNS 307 Fall 2018-Spring 2019 Edition. [wrote a new lab section & re-arranged the section sequence]
- Rhew, R.C., M.E. Whelan, and D.-H. Min. 2014. Large methyl halide emissions from south Texas salt marshes, *Biogeosciences Discussion*, 11, 9451-9470, doi:10.5194/bgd-11-9451-2014.
- *Min, D.-H. 2003. Recent advanced ocean tracer analysis techniques for climate change studies, *KOSEN Advanced Technology Report*.
- Min, D.-H. and M.J. Warner. 2001. Unexpected bottom water ventilation pattern observed in the Japan Basin, *Proceedings of 2001 CREAMS International Symposium*, Honolulu.
- Min, D.-H. and M.J. Warner. 2001. Ventilation and wide-range spreading of East Sea Intermediate Water, *Proceedings of 2001 CREAMS International Symposium*, Honolulu.
- Min, D.-H. and M.J. Warner. 2001. Chlorofluorocarbons as circulation and ventilation tracers in the East (Japan) Sea, *Proceedings of CREAMS 2000 International Symposium*, Vladivostok, ed. M.A. Danchenkov, 112-113.
- Kim, K.-R., D.-H. Min, M.-K. Park, E.-H. Kim, S.-H. Choi, T.-S. Rhee, J.-S. Hwang, J.-H. Bong, H.-M. Cho, and J.-C. Nam. 1993. Recent research on the CFCs monitoring in Korea, *Proceedings of Korea-Japan Ozone Layer Protection Seminar*, Seoul, 1-12.
- Kim, K.-R., D.-H. Min, M.-K. Park, E.-H. Kim, S.-H. Choi, J.-S. Hwang, T.-S. Rhee, J.-H. Bong, H.-M. Cho, J.-C. Nam, C.D. Keeling and R.F. Weiss. 1993. Basic research of greenhouse gases monitoring system in Korean peninsula, *Report of Department of Oceanography, Seoul National University*.

Popular and Miscellaneous Articles

- Min, D.-H. 2006. Hidden weapon of hurricane, *Gulf Coast Connections: Texas Saltwater Fishing*, September 2006, p44. - also available at <http://scienceandthesea.org>

Papers in Press or Submitted for Publication

Papers in Preparation