Title list report

1. Oyster Larvae Catastrophe: What caused the oyster larvae die off, and what can we do?

   ORESU-E-20-007

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2. Acidification in the U.S. Southeast: Causes, Potential Consequences and the Role of the Southeast Ocean and Coastal Acidification Network

   SCSGC-R-20-003

   view pdf

3. Acidification in the U.S. Southeast: Causes, Potential Consequences and the Role of the Southeast Ocean and Coastal Acidification Network

   NCU-R-20-015

   view pdf

4. Expected limits on the ocean acidification buffering potential of a temperate seagrass meadow

   CASG-R-18-048

   view PDF

5. Future climate change, sea-level rise, and ocean acidification: Implications for Hawaii and western fisheries management

   HAWAU-T-12-006

   View PDF

6. Building the Knowledge-to-Action Pipeline in North America: Connecting Ocean Acidification Research and Actionable Decision Support

   WASHU-R-19-019

   View PDF

7. Ocean acidification impacts on shellfish workshop: findings and recommendations

   CASG-W-10-001

   View PDF

8. Effect of Food Resource Availability on Resilience of Eastern Oyster Larvae to Ocean Acidification

   NYSGI-R-19-012

   View pdf

9. The Dynamics and Impact of Ocean Acidification and Hypoxia: Insights from Sustained Investigations in the Northern California Current Large Marine Ecosystem

   ORESU-R-19-016

   view pdf

10. 20 Facts about ocean acidification (revised February 2014)

    WASHU-G-14-003

    View PDF

11. Abundance, size, and survival of recruits of the reef coral Pocillopora acuta under ocean warming and acidification

    HAWAU-R-20-005

    view pdf

12. An overview of Ocean Acidification: Relationships (Chapter 20)

    VSGCP-BR-19-001

13. Transgenerational exposure of North Atlantic bivalves to ocean acidification renders offspring more vulnerable to low pH and additional stressors

    NYSGI-R-17-007

    View PDF

14. Early life history traits influence the effects of ocean acidification on the behavior and physiology of juvenile rockfishes in central California

    CASG-Y-15-001

    View PDF

15. Modeling of Ocean Acidification in the Massachusetts Bay/Boston Harbor and over the US Northeast Shelf (poster)

    MIT-G-19-001

    View PDF

16. Citizen Science Webinars. Calibration and Coordination (video Webinar #2)

MEU-W-18-007

http://www.necan.org/ocean-and-coastal-monitoring-webinars-citizen-scientists
https://youtu.be/-tx5t5pL2vs

17. An Overview of Ocean Acidification: Relationships

VSGCP-R-19-006

18. Assessing the influence of environmental pH on algal physiology using a novel culture system

ORESU-Y-17-003

view pdf

19. Biotic and Human Vulnerability to Projected Changes in Ocean Biogeochemistry over the 21st Century

HAWAU-R-13-013

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20. Coastal ocean acidification and nitrogen loading facilitate invasions of the non-indigenous red macroalga, Dasysiphonia japonica

NYSGI-R-21-002

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21. Planning for Change: Assessing the Potential Role of Marine Protected Areas and Fisheries Management Approaches for Resilience Management in a Changing Ocean

ORESU-R-19-019

view pdf

22. A Strategy for Ocean and Coastal Acidification (OCA) Education and Citizen Science Monitoring in the Northeast

MEU-W-18-008

http://necan.org/OCACitizenScienceWorkshops

View PDF

23. Ocean acidification stress index for shellfish (OASIS): Linking Pacific oyster larval survival and exposure to variable carbonate chemistry regimes

ORESU-R-18-012

http://doi.org/10.1525/elementa.306

View PDF

24. Institutional misfit and environmental change: A systems approach to address ocean acidification

CASG-R-17-001

25. Behavior of subtropical coastal reef environments under rising atmospheric carbon dioxide and ocean acidification: The example of Hawaii and Bermuda

HAWAU-WR-08-014

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26. Cultivating Seaweeds to Mitigate Ocean Acidification and Generate Habitat, Fertilizer, Food, and Fuel for Activities Performed May 22, 2015 - December 15, 2019 (Final Report to the Paul G. Allen Family Foundation)

WASHU-T-20-003

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27. Hypoxia and Acidification, Individually and in Combination, Disrupt Herbivory and Reduce Survivorship of the Gastropod, Lacuna vincta

NYSGI-R-20-012

view pdf

28. Crumbling Reefs and Cold-Water Coral Habitat Loss in a Future Ocean: Evidence of "Coralporosis" as an Indicator of Habitat Integrity

SCSGC-R-20-006

view pdf

29. Ocean acidification and food limitation combine to suppress herbivory by the gastropod Lacuna vincta

NYSGI-R-19-011

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30. Citizen Science Webinars. Where and Why: Citizen Science in OCA Monitoring (Webinar #1)

MEU-W-18-006

http://www.necan.org/ocean-and-coastal-monitoring-webinars-citizen-scientists
https://youtu.be/j7jNtosY-kw

31. Quantifying Sensitivity and Adaptive Capacity of Shellfish in the Northern California Current Ecosystem to Increasing Prevalence of Ocean Acidification and Hypoxia

ORESU-Y-18-004

view PDF

32. Summary of Workshop on Monitoring for Acidification Threats in West Coast Estuaries: A San Francisco Bay Case Study

CASG-W-16-002

view PDF

33. Elevated temperature and ocean acidification alter mechanics of mussel attachment

WASHU-Y-15-002

view pdf

34. Towards Bayesian Ocean Physical-Biogeochemical-Acidification Prediction and Learning Systems for Massachusetts Bay

MIT-WR-20-003

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35. Evolved differences in energy metabolism and growth dictate the impacts of ocean acidification on abalone aquaculture

CASG-R-20-041

view pdf

36. Ocean Acidification in Alaska: Chemistry, Clams, Cod, and Crabs

AKU-S-19-002

https://sites.google.com/alaska.edu/oaagu2019/home

view pdf

37. Including high-frequency variability in coastal ocean acidification projections

CASG-R-15-036

38. Ocean acidification in Washington State (revised)

WASHU-G-15-002

view PDF

39. The U.S. West Coast shellfish industry's perception of and response to ocean acidification: Understanding an ocean stakeholder

ORESU-S-16-001

view PDF

40. What can you do about ocean acidification?

WASHU-NR-15-001

View PDF

41. Ocean acidification: what it means to Alaskans and how we can adapt

AKU-G-11-004

View PDF

42. Navigating fragmented ocean law in the California current: tools to identify and measure gaps and overlaps for ecosystem-based management

CASG-Y-08-002

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43. Exoskeleton dissolution with mechanoreceptor damage in larval Dungeness crab related to severity of present-day ocean acidification vertical gradients

SCU-R-20-005

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44. Production and carbonate dynamics of Halimeda incrassata (Ellis) Lamouroux altered by Thalassia testudinum Banks and Soland ex Köenig

FLSGP-R-13-020

45. OneNOAA Science Seminar: The Impact of Extreme Weather Events on Organic Matter Dynamics in South Texas Bays and Estuaries (On video Webinar held: March 26, 2020)

TAMU-W-20-002

https://noaabroadcast.adobeconnect.com/pwdz4snhhwxm/

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46. Quantifying the Effects of Nutrient Enrichment and Freshwater Mixing on Coastal Ocean Acidification
MIT-R-19-004
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47. Adaptive responses and local stressor mitigation drive coral resilience in warmer, more acidic oceans
HAWAU-R-19-005

48. Dynamic response in the larval geoduck (Panopea generosa) proteome to elevated pCO2
WASHU-R-19-005
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49. Heterotrophy of Oceanic Particulate Organic Matter Elevates Net Ecosystem Calcification
TAMU-R-19-005

50. Maine Science for Maine People: Maine Sea Grant Community Impact Highlights, 2016-2017
MEU-G-18-007
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51. Citizen's guide to protecting the Mississippi Gulf Coast from marine debris
MASGC-H-17-006
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52. Persistent spatial structuring of coastal ocean acidification in the California Current System
ORESU-R-17-026
view PDF

53. Ocean acidification recirculating system
NHU-T-16-002
View PDF

54. Core principles of the California Current Acidification Network: Linking chemistry, physics, and ecological effects
WASHU-R-15-018

55. Characterizing the effects of ocean acidification in larval and juvenile Manila clam, Ruditapes philippinarum, using a transcriptomic approach

WASHU-Y-12-005

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56. Ocean acidification and disease: How will a changing climate impact Vibrio tubiashii growth and pathogenicity to Pacific oyster larvae?

WASHU-Y-12-004

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57. Global change and the future of harmful algal blooms in the ocean

SCU-R-12-009

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58. Ocean acidification in the Pacific Northwest

WASHU-G-13-004

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59. Is ocean acidification affecting shellfish? A NOAA Sea Grant West Coast workshop seeks answers (summary)

CASG-W-10-002

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60. Maine Ocean and Coastal Acidification (MOCA) Partnership: Supporting Materials for MOCA Action Plan

MEU-Q-20-001

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61. West Coast Region Acidification Research (Chapter 5)

WASHU-BR-20-001

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62. The Olympic Coast as a Sentinel: Tribal Communities at the Forefront of Ocean Change (Full-length video)

WASHU-V-20-005

https://www.youtube.com/watch?v=Ud6mg3w5fiQ

63. Interactive effects of acidification, hypoxia, and thermal stress on growth, respiration, and survival of four North Atlantic bivalves

NYSGI-R-18-009

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64. Recruits of the temperate coral Oculina arbuscula mimic adults in their resilience to ocean acidification

GAUS-R-20-004

65. Short- and long-term conditioning of a temperate marine diatom community to acidification and warming

SCU-R-13-012

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66. Effects of thermal stress and ocean acidification on the expression of the retrotransposon steamer in the softshell mya arenaria

NHU-R-19-005

67. Hawaii Coastal Seawater CO2 Network: A Statistical Evaluation of a Decade of Observations on Tropical Coral Reefs

HAWAU-R-19-010

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68. Connecting Science to Policymakers, Managers, and Citizens

ORESU-R-19-018

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69. Individual and population level effects of ocean acidification on a predator-prey system with inducible defenses: bryozoan-nudibranch interactions in the Salish Sea

WASHU-R-18-014

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70. Ocean Acidification - Part 2, Solutions

ORESU-V-18-001

https://www.youtube.com/watch?v=2KLT9vFVOmc (Part 2)

https://youtu.be/7h08ok3hFSs (Part 1 of the series)

71. Reconstructing Aragonite Saturation State Based on an Empirical Relationship for Northern California

CASG-R-18-033

72. The Action Toolkit: Building your Ocean Acidification Action Plan

ORESU-H-16-004

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73. Redox reactions and weak buffering capacity lead to acidification in the Chesapeake Bay

DELU-R-17-005

View PDF

74. Coral reefs will transition to net dissolving before end of century

HAWAU-R-18-003

75. Climate Change and Alaska Fisheries

AKU-T-16-001

view PDF

76. Ocean and coastal acidification off New England and Nova Scotia

MEU-R-15-006

77. Pacific walrus and coastal Alaska native subsistence hunting: considering vulnerabilities from ocean acidification (An ocean way of life)

WASHU-NR-15-002

http://earthzine.org/2015/04/24/pacific-walrus-and-coastal-alaska-native-subsistence-hunting-considering-vulnerabilities-from-ocean-acidification/

78. Assessing the role of pH in determining water column nitrification rates in a coastal system

RIU-R-11-009

79. Uranium in larval shells as a barometer of molluscan ocean acidification exposure

CASG-R-14-020

80. Ocean acidification in the Pacific Northwest (revised May 2014)
WASHU-G-14-002
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81. Ocean acidification in the coastal zone from an organism's perspective: multiple system parameters, frequency domains, and habitats
ORESU-R-14-004

82. Effects of ocean acidification-induced morphological changes on larval swimming and feeding
WASHU-R-11-017

83. Impacts of climate change on Oregon's coasts and estuaries
ORESU-R-10-021
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84. Alaska Seas and Coasts: Marine Issues for Alaska's People (Volume 6, February 2012)
AKU-N-12-01a
View PDF

85. Harmful Algal Blooms: University of Southern California Sea Grant Funded Research Results 2012-2018
SCU-T-20-001
view pdf

86. Dynamic CO2 and pH levels in coastal, estuarine, and inland waters: Theoretical and observed effects on harmful algal blooms
NYSGI-R-20-006

87. High CO2 and Silicate Limitation Synergistically Increase the Toxicity of Pseudo-nitzschia fraudulenta
SCU-R-12-012
view PDF

88. Coastal Community Vulnerability Index and Visualizations of Change in Cook Inlet, Alaska (Final Report)

AKU-T-19-001

view PDF

89. Changing Ocean Chemistry: A high school curriculum on ocean acidification's cause, impacts, and solutions

ORESU-E-19-002

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90. Educational Resources on Ocean and Coastal Acidification (Education and Outreach Working Group)

MEU-I-18-007

http://necan.org/education-outreach-working-group

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91. Elevated CO2 impairs olfactory-mediated neural and behavioral responses and gene expression in ocean-phase coho salmon (Oncorhynchus kisutch)

WASHU-R-18-013

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92. Effects of Sediment Resuspension on the Oxidation of Acid-Volatile Sulfides and Release of Metals (Iron, Manganese, Zinc) in Pescadero Estuary (CA, USA)

CASG-R-18-046

93. Response of Sea Urchin Fitness Traits to Environmental Gradients Across the Southern California Oxygen Minimum Zone

CASG-R-18-042

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94. Emerging understanding of seagrass and kelp as an ocean acidification management tool in California

CASG-T-18-001

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95. No effect of high pCO(2) on juvenile blue crab, Callinectes sapidus, growth and consumption despite positive responses to concurrent warming

MDU-R-17-014

96. Blue Heron Bowl 2014

NCU-E-14-001

https://sites.google.com/site/blueheronbowl/home

www.nosb.org (National Ocean Sciences Bowl)

view pdf (2014 Finals Competition)

97. Workshop on Ocean Acidification- High School Marine Science Symposium, Boston

MIT-W-16-001

view PDF

98. Effects of global change on algal biomineralization and benthic community interactions on California's temperate rocky reefs

CASG-Y-16-005

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99. Ocean acidification alters the response of intertidal snails to a key sea star predator

CASG-R-16-019

100. Hands on Ocean Acidification Activity Handout (Increase carbon dioxide, increase ocean acification)

MIT-E-16-002

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