

THEW SUSKIEWICZ

BIGELOW LABORATORY FOR OCEAN SCIENCES

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EDUCATION

2018	PhD, Oceanographié	Université Laval
2010	MSc, Marine Science	Moss Landing Marine Laboratories (via SJSU)
2002	BSc, Marine Biology	University of California at Santa Cruz

PROFESSIONAL EMPLOYMENT

2018 -	Post-Doctoral Associate, Bigelow Laboratory for Ocean Sciences
2017	Scientific Technician III – Dept. of Fisheries and Oceans (Canada)
2010-2012	Manager, Monterey Abalone Company
2005-2006	Sea Sampler, Maine Department of Marine Resources
2003-2005	Scientific Technician II, University of Maine (Darling Marine Center)

RESEARCH GRANTS, FELLOWSHIPS & ACADEMIC SUPPORT

2018	<i>The return of Maine's kelp forests: patterns, drivers, and implications for industry.</i> Maine Sea Grant Biennial Grant (Co-PI; \$149,744)
2017	<i>Gulf of Maine Seaweed Survey 2017.</i> Citizens for Science (Founder & Co-Fundraiser; \$9,440)
2016	<i>Assessing the ecological and economic impacts of <u>Chondrus crispus</u>: the rise of Maine's new foundation species.</i> Maine Sea Grant Project Development Grant (Co-PI; \$5,361)
2016	<i>Consumption rates of a key marine herbivore: A review of the extrinsic and intrinsic control of feeding in the green sea urchin.</i> Université Laval – Bourse BIO (merit based; \$1,500)
2015	<i>Impacts of water motion on kelp primary productivity and herbivory deterrence in a highly seasonal environment.</i> Teledyne Research Equipment Grant (use of \$24,000 ADCP equipment)
2012	<i>Balance of power in a changing world: shifting urchin-kelp dynamics in a boreal marine ecosystem.</i> NSERC (funded PhD Candidate, 4 years)
2010	<i>Effects of competition and dispersal on the recruitment of the annual kelp <u>Nereocystis lutekeana</u>.</i> Packard Foundation (Author; \$1,000)
2008	<i>Integrated culture of seaweeds and red abalone in Monterey Harbor</i> (California Sea Grant Trainee MSc; 2 years)
2007	<i>Marking your spot: A pneumatic drill for subtidal research.</i> San Jose State University Equipment Grant (\$750)

RESEARCH PUBLICATIONS

Scholarly Journals

TS Suskiewicz, JEK Byrnes, RS Steneck & DB

Rasher (2019) Patterns and drivers of recovery in kelp forests in the Northwest Atlantic. *Proc R Soc B* (in review).

WH Adey, **TS Suskiewicz** & DB Rasher (2019). Marine Ecosystem Analysis of the Goulderboro/Dyer Bay complex, Maine. Smithsonian Press (in press)

TS Suskiewicz & LE Johnson (2017). "Consumption rates of a key marine herbivore: A review of the extrinsic and intrinsic control of feeding in the green urchin." *Marine Biology* 164. (Feature Article)

LE Johnson, CA Narvaez, KA MacGregor & **TS Suskiewicz** (2018). "Interactions on subtidal hard substrata" In: Interactions in the Marine Benthos. Ed. SJ Hawkins, LB Firth, K Bohn & GA Williams (note: Authorship alphabetical)

TS Suskiewicz, LE Johnson & E Tamigneaux (2018). Wave exposure increases growth rates of the kelp *Alaria esculenta*. *Limnology & Oceanography* (in review)

TS Suskiewicz, CA Narvaez, KA MacGregor & LE Johnson (2018). Regional differences in kelp consumption by urchins suggests counter-gradient variation. *Marine Ecology Progress Series* (in prep).

W Adey, J Halfar, **TS Suskiewicz**, D Belanger, M Fox & P Gagnon (2015).

"Subarctic rhodolith beds promote longevity of crustose coralline algal buildups and their climate archiving potential. *Palaios* 30:281-293.

TS Suskiewicz (2010), "Effects of competition and dispersal on the recruitment of the annual kelp *Nereocystis luetkeana*," *California Sea Grant College Program*.

KW Demes, MH Graham & **TS Suskiewicz** (2009) "Phenotypic plasticity reconciles incongruous molecular and morphological taxonomies: the giant kelp, *Macrocystis* (laminariales, phaeophyceae), is a monospecific genus," *Journal of Phycology* 45:1266–1269.

PROFESSIONAL PRESENTATIONS (selected)

Invited Departmental Seminars

2019 Camden Public Library Seminar (Camden, ME, USA)

2019 Maine Department of Marine Resources (Boothbay, ME, USA)

2018 Northwest Fisheries Science Center (Seattle, WA, USA)

2018 Sea Urchin Zone Council Meeting (Augusta, ME, USA)

2017 Hurricane Island Foundation (Hurricane Island, ME, USA)

2017 Maine Department of Maine Resources (Boothbay, ME, USA)

2016 Bowdoin College Biology Department (Brunswick, ME, USA)

Contributed Oral Presentation (selected)

2018 Science symposium (East Boothbay, ME, USA)

2017 Arctic Change (Quebec City, Quebec, Canada)

2017 Québec-Océan AGM (Rivière du Loup, Quebec, Canada)

2016 Biologie Colloque (Université Laval, Quebec City, Canada)

2016 Benthic Ecology Meeting (Portland, ME, USA)

2016 Western Society of Naturalists (Monterey, California, USA)

2015 Benthic Ecology Meeting (Quebec City, Quebec, Canada)

2014 Arctic Change (Ottawa, Canada)
2014 Genomes to Biomes (Montreal, Canada)

TEACHING EXPERIENCE

Université Laval

Teaching Assistant, Biodiversité I (BIOL-1001)

Moss Landing

Teaching Assistant, Baja Ecology (MLML-673)

Teaching Assistant, Scientific Diving – (MLML 405)

University of Maine, Orono

Teaching Assistant, Marine Ecology

University of California, Santa Cruz

Teaching Assistant, Scientific Diving

Teaching Assistant, Marine Botany (BIOE 120/120L)

FIELD EXPERIENCE

Scientific Diving: AAUS and CAUS, Government of Canada Research Diver, Dive Master, 0°C and Dry-suit diving. 2,000+ logged dives.

Research Boating: USCG-OUPV license; small boating at UMaine, MLML, DFO Canada, Laval; Crew & Cook (R/V Alca i); Deckhand (R/V Martin); Sea Sampler (DMR)

Wilderness Survival and Advanced First Aid for Remote Researchers (Canada)

EXTERNAL & INSTITUTIONAL SERVICE

Institutional Service: Office for Research Commercialization and Applications (ORCA – Postdoc rep). Bigelow Morale Committee (co-chair)

Scholarly Peer Review

Manuscript Reviewer for: *Biological Invasions, Marine Biology, Marine & Freshwater Research, Journal of Phycology*

Scientific Meeting Organization

Benthic Ecology Meeting (Co-organizer, 2015-2016), Québec-Océan AGM (Volunteer 2016), Western Society of Naturalists (Co-organizer 2008-2009)

Posts

Diving Control Board Member (U. Maine, MLML & U. Laval). Post-doc representative (Bigelow). Student Body Vice President (MLML). California Aquaculture Association (Monterey Abalone Company).