Tali Treibitz

Curriculum Vitae

Personal Details

Name:	Tali Treibitz
Address:	School of Marine Sciences
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Research Interests

Imaging, Underwater Sensing, Computer Vision, Computational Photography, Oceanic Engineering

Academic Degrees

2004 to 2010	Ph.D. in Electrical Engineering (Technion, Israel).
1998 to 2001	B.A. in Computer Science summa cum laude (Technion, Israel).

Academic Appointments

2014 to Present	Senior Lecturer, Marine Technologies Dept., School of Marine Sciences, U. of Haifa
2015-2016, 2019	Adjunct Lecturer, Viterbi Faculty of Electrical Engineering, Technion.
2011 to 2013	Post Doctoral Researcher, Marine Physical Lab, Scripps Inst. of Oceanography, San Diego
2010 to 2013	Post Doctoral Researcher, Computer Science and Engineering Dept., UCSD
2007	Intern, Deep Submergence Laboratory, Woods Hole Oceanographic Institution.
2004 to 2009	Teaching Assistant, Department of Electrical Engineering, Technion.
2006 to 2009	Undergraduate Project Supervisor, Department of Electrical Engineering, Technion.
2001	Teaching assistant, Department of Computer Science, Technion.

Other Professional Experience

2019 to Present	CTO, Seaerra-Vision (lab spin-off)
2016 to Present	Consultant, Computer Vision in Scattering Media
2017	Participated in a panel for women in technology, Dept. of Electrical Engineering, Technion.
2014-2017	Gave outreach lectures in Ecoocean, Cinematek Haifa, Maagan Michael high-school,
	Beit Aba Khushi Marine Ecology Series, IDF Naval Officers course
2003 to 2010	Active PADI diving instructor.
2008-2009	A representative of the EE department in the Teaching Staff Organization.
2006-2009	A representative of the EE department in the Graduate Students Organization.
2003 to 2004	Software Engineer (part time), IBM Haifa Research Center, Israel.
	⋆ Developed software in Java, CSharp for a bio-informatics software.
2001 to 2002	Software Engineer, Charlotte's Web Networks, Israel.
	⋆ Developed software in an embedded environment, in C/C++.
	⋆ Developed a novel algorithm finding rule conflicts in the network processor.
1995 to 1998	Officer, IDF.
	⋆ Conducted and organized training courses.

Awarded Grants

2015	Schulich Equipment Grant, "Custom *in situ* microscope, 15000$, PI
2015-2017	Israeli Ministry of National Infrastructures, Energy, and Water Resources, "Development of an underwater imaging system for microscopic particles", 3 years, 45000$, PI.
2016	German-Israeli Foundation for Scientific Research and Development, "Developing an Underwater Imaging System for Micropollution", 20000€, PI
2016-2018	Ministry of Science, Technology and Space, "Developing new methodologies for quantifying biological sediment resuspension in the sea and for studying its dynamics", 2000000 NIS, co-PI
2016-2018	Ministry of Science, Technology and Space, "Our Eyes Beneath The Sea - a Holistic AUV Based Framework for Visual Seafloor Surveys", 2400000 NIS, Lead PI
2016-2018	MAFAAT, Ministry of Defense– Research and Development Agency, "Autonomous Surface Vehicle", 300000 NIS, co-PI
2017	Israel Innovation Authority , "Improving Visibility in Underwater Images", 400000 NIS, Lead PI
2017-2019	European Union's Horizon 2020 research and innovation programme , "SYMBIOSIS- A Holistic Opto-Acoustic System for Monitoring Marine Biodiversities", co-PI
2017-2019	Ministry of Defense– Research and Development Agency, "Launch and Retrieval System for Autonomous Underwater Vehicles", 300000 NIS, co-PI
2018	Israel Innovation Authority, "Improving Visibility in Underwater Images", 400000 NIS, PI
2018-2021	Israeli Science Foundation, "Image Dehazing under Strong Nonuniformities", 1000000 NIS, Lead PI
2018-2020	Israel Nature and Parks Authority and Yad Hanadiv, "Cost effective baseline and monitoring for rocky marine protected areas (MPAs) at the edge of the Israeli Mediterranean shelf", 200000 NIS, co-PI
2019-2021	Ministry of Science, Technology and Space, "3D Optical Obstacle Avoidance for Autonomous Underwater Vehicles in Complex Environments", 2000000 NIS, Lead PI
2019-2021	Ministry of National Infrastructures, Energy, and Water Resources, "Wide-Scale Autonomous Monitoring of Benthic Zones Through Advanced 3D Photogrammetry", 165000 NIS, PI
2019	Microsoft Artificial Intelligence for Earth, "Artificial Intelligence for Coral Reef Mapping", 20000$
2020	Data Science Center seed funding grant, "Multi Modal Registration of Synthetic Aperture Sonar and Optical Images", 10000$
2020	Data Science Center data acquisition grant, "Collection and automated annotation of marine megafauna footage obtained by unmanned aerial vehicles", 10000$

Teaching Activities

2018 - 2019	Dept. of Marine Technologies, School of Marine Sciences, University of Haifa, Lecturer of the course "Principles of Underwater Imaging"
2018 - 2019	Dept. of Marine Technologies, School of Marine Sciences, University of Haifa, Lecturer of the course "Physics-Based Computer Vision in Scattering Media"
2015 - 2016, 2019	Lecturer, Viterby Faculty of Electrical Engineering, Technion, "Applications and Algorithms in Computer Vision"
2007 to 2009	Coordinator of the "Pixel-Club" - a colloquium forum of Technion researchers in the fields of image processing and computer vision
2004 to 2009	Teaching Assistant, Dept. of Electrical Engineering, Technion, in the following courses:

- Biological Signals and Systems
- Visual and Auditory Systems
- Image Processing
- Imaging Systems for Computer Vision
- Analysis and recognition in Images and Video

2006 to 2009	Undergraduate Project Supervisor, Dept. of Electrical Engineering, Technion. List of projects:

- Automatic Red-Eye Removal, Signal and Image Processing Lab
- Underwater Computer Vision Camera, Computer Graphics and Multimedia Lab (CGM)
- A New Algorithm for Unsupervised Global and Local Color Correction, CGM
- Bad Visibility Image Enhancement Using Visual Servo, Vision and Image Science Lab (VISL)
- Cleaning Marine Snow in Underwater Videos, VISL
- Detection and Classification of Lesions in Leaves, VISL
- Image Enhancement in Scattering Media Based on the Human Visual System, VISL
- Fast Separation of Direct and Global Illumination, VISL
- Backscatter Removal from Single Underwater Images, VISL

2001	Teaching Assistant, Dept. of Computer Science, Technion, in the course

- Introduction to Computer Science

Graduate Students

In progress

1. Ms. Naama Pearl, towards M.Sc.

2. Ms. Deborah Levy, towards M.Sc.

3. Ms. Judith Fischer, towards M.Sc.

4. Ms. Yelena Randall, towards M.Sc.

5. Mr. Matan Yuval, towards Ph.D.

6. Ms. Yael Bekerman, towards M.Sc.

7. Mr. Ohad Inbar, towards M. Sc.

8. Mr. Mordechai Goldberg, towards M. Sc.

Completed

1. Dr. Derya Akkaynak, Post doctoral researcher

2. Mr. Dotan Shreiber, M.Sc., "Developing a Novel Underwater Imaging Microscope for Quantifying Micro-Particles on the Sea Surface" , 2019

3. Mr. Eden Sassoon, M.Sc., "Flare in Interference-Based Hyperspectral Cameras", 2019

4. Mr. Yuval Goldfracht, M.Sc, "Variational Plane-Sweeping for Robust Multi-Image Alignment", 2019

5. Mr. Ori Spier, M.Sc.,"*In Situ* Target-Less Calibration of Turbid Media", 2017

6. Ms. Dana Berman, Ph.D.,"Seeing Further" ,2017

7. Ms. Adi Zweifler, M.Sc., "Analyzing Distribution of Coral Recruits using Fluorescence Imaging", 2017

Research Deployments

- University National Oceanographic Laboratory System (UNOLS) Chief Scientist Early-Career Training Cruise, fully funded fellowship for the 7-day cruise and pre-cruise training (October 2013).

- Gump South Pacific Research Station, Moorea, French Polynesia, April 2011 & April 2012

- Smithsonian Tropical Research Institute, Bocas Del Toro, Panama, September 2011

- Waitt Foundation Research Boat, Totoya Reef, Fiji, June 2011

Public Professional Activities

- Program Committee, ICCP 2019
- Associate Editor, Journal of Visual Communication and Image Representation, 2017-present
- Organizing committee, Marine Imaging Workshop Kiel 2017, Canada 2019
- Web and Publicity Chair, IEEE Conference on Computer Vision and Pattern Recognition (CVPR) 2016.
- Oceans'13 MTS/IEEE San Diego "Imaging and Vision" Session Chair.

- **Reviewer for:** J. of Oceanographic Engineering; Applied Optics; IEEE Transactions on Pattern Analysis and Machine Intelligence; IEEE International Conferences on Computer Vision (ICCV); IEEE Conference on Computer Vision and Pattern Recognition (CVPR); European Conference on Computer Vision (ECCV); IEEE International Conferences on Computational Photography (ICCP); J. of Visual Communication and Image Representation; ACM SIGGRAPH conference on Computer Graphics Asia; Nature Scientific Reports, IEEE conference on Robotics and Automation (ICRA), Limnology and Oceanography: Methods;
- ⋆ ECCV 2012 **Outstanding Reviewer Award**.
- **Memberships:** • Marine Technology Society, member.
- CVF, member.

Awards and Honors

- University National Oceanographic Laboratory System (UNOLS) Chief Scientist Early-Career Training Cruise, fully funded fellowship for the 7-day cruise and pre-cruise training (2013).

- European Conference for Computer Vision (ECCV) 2012 Outstanding Reviewer Award.

- Awardee of the Weizmann Institute of Science – National Postdoctoral Award Program for Advancing Women in Science, 2010.

- Ollendorf Fellow, 2009.

- Google Europe Anita Borg Scholarship Recipient, 2009.

- Google Europe Anita Borg Scholarship Finalist, 2008.

- HP Fellow, 2008.

- Technion Excellence Program, Fellow, 1998-2001.
  (1.7% of Technion students, monthly stipend and exemption from tuition)

- Excellence Awards from the President of the Technion, 4 times, 1998-2000.

- Technion CS Faculty Excellence Award for overall achievements, 2000.

Peer Reviewed Publications:

⋆ The IEEE Conference on Computer Vision and Pattern Recognition (CVPR), International Conference for Computer Vision (ICCV), and European Conference for Computer Vision (ECCV) are major competitive computer vision conferences, in which full-length papers undergo a rigorous double-blind review process (the authors and reviewers are anonymous throughout the review process). Acceptance is typically tougher than in journals. Acceptance rate is typically around 22%, with 4% for orals.

1. Y. Bekerman, S. Avidan, **T. Treibitz**, *"Unveiling Optical Properties of Underwater Images,"* IEEE International Conference on Computational Photography, 2020

2. D. Berman, D. Levy, S. Avidan, **T. Treibitz**, *"Underwater Single Image Color Restoration Using Haze-Lines and a New Quantitative Dataset,,"* IEEE Trans. on Pattern Analysis and Machine Intelligence 2020.

3. E. Sassoon, Y.Y. Schechner, **T. Treibitz**, *"Flare in Interference-Based Hyperspectral Cameras,"* IEEE International Conference on Computer Vision (ICCV) 2019.

4. I. Alonso, M. Yuval, G. Eyal, **T. Treibitz**, A. C. Murillo, *"CoralSeg: Learning coral segmentation from sparse annotations,"* Journal of Field Robotics, 2019

5. A. Vainiger, Y.Y. Schechner, **T. Treibitz**, A. Avni, D.S. Timor , *"Optical Wide-Field Tomography of Sediment Resuspension,"*, Optics Express, 2019

6. D. Akkaynak, **T. Treibitz**, *"Sea-thru: A Method to Remove Water From Underwater Images,"*, IEEE Computer Vision and Pattern Recognition (CVPR) 2019.

7. D. Berman, **T. Treibitz**, S. Avidan *"Single Image Dehazing Using Haze-Lines,"*, IEEE Trans. Pattern Analysis and Machine Intelligence (PAMI), 2018.

8. H. Allaka, D. Levy, **T. Treibitz** and M. Groper *"Vision-aided Speed Modulation System to Enhance Seaworthiness of Autonomous Planing Crafts,"* Proc. IEEE 15th Workshop on Positioning, Navigation and Communication (WPNC), 2018.

9. D. Levy, Y. Belfer, E. Osherov, E. Bigal, A. P. Scheinin, H. Nativ, D. Tchernov, **T. Treibitz**, *"Automated Analysis of Marine Video With Limited Data,"* CVPR Workshop on Automated Analysis of Marine Video for Environmental Monitoring, 2018.

10. D. Akkaynak, **T. Treibitz**, *"A Revised Underwater Image Formation Model,"* IEEE Computer Vision and Pattern Recognition (CVPR) 2018.

11. I. Alonso, A. Cambra, A. Muñoz, **T. Treibitz**, A. C. Murillo, *"Coral-Segmentation: Training Dense Labeling Models with Sparse Ground Truth,"*, ICCV first international workshop on Visual Wildlife Monitoring (VWM), 2017.

12. A. Zweifler, D. Akkaynak, T. Mass, **T. Treibitz**, *"Analyzing Distribution of Coral Recruits using Fluorescence Imaging,"* Frontiers in Marine Science, 2017.

13. T. Schoening, J. Durden, I. Preuss I, A. A. Branzan, A. Purser, B. De Smet, C. Dominguez-Carrio, C. Yesson, D. De Jonge, D. Lindsay D, J. Schulz, K. Möller, K. Beisiegel, L. Kuhnz, M. Hoeberechts, N. Piechaud, S. Sharuga, **T. Treibitz**, *"Report on the Marine Imaging Workshop 2017,"* Research Ideas and Outcomes 3: e13820, 2017

14. D. Berman, **T. Treibitz**, S. Avidan, *"Diving into Haze-Lines: Color Restoration of Underwater Images,"* British Machine Vision Conference, 2017.

15. D. Akkaynak, **T. Treibitz**, T. Shlesinger, R. Tamir, Y. Loya, D. Iluz, *"What Is the Space of Attenuation Coefficients in Underwater Computer Vision?,"* IEEE Computer Vision and Pattern Recognition (CVPR) 2017.

16. O. Spier, **T. Treibitz**, G. Gilboa, *"In Situ Target-Less Calibration of Turbid Media,"* IEEE International Conference Computational Photography, 2017, **oral**.

17. D. Berman, **T. Treibitz**, S. Avidan, *"Air-Light Estimation Using Haze-Lines,"* IEEE International Conference Computational Photography, 2017, **oral**.

18. B. P. Neal, A. Khen, **T. Treibitz**, O. Beijbom , G. O'Connor, M. A. Coffroth, N. Knowlton, D. Kriegman, B. G. Mitchell, D. I. Kline, *"Caribbean massive corals not recovering from repeated thermal stress events during 2005-2013,"* Ecology and Evolution, 7(5), pp.1339-1353, 2017.

19. Z. Murez, **T. Treibitz**, D. Kriegman, R. Ramamoorthi, *"Photometric Stereo in a Scattering Medium,"* IEEE Trans. on Pattern Analysis and Machine Intelligence (PAMI), 2016.

20. A. D. Mullen*, **T. Treibitz***, P. L. D. Roberts, E. L. A. Kelly, R. Horwitz, J. E. Smith, J. S. Jaffe, *"Underwater Microscopy for In Situ Studies of Benthic Ecosystems,"* , Nature Communications, vol. 7, 2016.

21. D. Berman, **T. Treibitz**, S. Avidan, *"Non-Local Image Dehazing,"* IEEE Computer Vision and Pattern Recognition (CVPR) 2016, **spotlight**.

22. O. Beijbom, **T. Treibitz**, D. I. Kline, G. Eyal, A. Khen, B. P. Neal, Y. Loya, B. G. Mitchell, D. Kriegman, *"Improving Automated Annotation of Benthic Survey Images Using Wide-Band Fluorescence,"* Nature Scientific Reports, 2016.

23. Y. Loya, G. Eyal, **T. Treibitz**, M. P. Lesser, R. Appeldoorn, *"Theme section on mesophotic coral ecosystems: advances in knowledge and future perspectives,"* Coral Reefs, 2016.

24. Z. Murez, **T. Treibitz**, D. Kriegman, R. Ramamoorthi, *"Photometric Stereo in a Scattering Medium,"* IEEE International Conference on Computer Vision (ICCV) 2015.

25. B. P. Neal, T. H. Lin, R. N. Winter, **T. Treibitz**, O. Beijbom, D. Kriegman, D. I. Kline, B. G. Mitchell, *"Methods and measurement variance for field estimations of coral colony planar area using underwater photographs and semi-automated image segmentation,"* Environmental Monitoring and Assessment, 187:496, July 2015.

26. O. Beijbom, P. J. Edmunds, T-Y. Fan, C. Roelfsema, J. Smith, M. J. Dunlap, D. I. Kline, V. Moriarty, B. Neal, C-J. Tan, S. Chan, A. Chen, **T. Treibitz**, B. G. Mitchell, D. Kriegman, *"Towards automated annotation of benthic survey images: variability of human experts and operational modes of automation,"*, PLOS One, 2015

27. G. Eyal, J. Wiedenmann, M. Grinblat, C. D'ÕAngelo, O. Ben-Zvi, E. Kramarsky-Winter, **T. Treibitz**, Y. Shaked, T. B. Smith, S. Harii, V. Denis, T. Noyes, R. Tamir, Y. Loya, *"Spectral diversity and regulation of coral fluorescence in a mesophotic reef habitat in the Red Sea,"*, PLOS One, 2015

28. **T. Treibitz**, B. P. Neal, D. I. Kline, O. Beijbom, P. L. D. Roberts, B. G. Mitchell, D. Kriegman, *"Wide Field-of-View Fluorescence Imaging of Coral Reefs,"* Nature Scientific Reports, 2015.

29. D. Akkaynak, **T. Treibitz**, B. Xiao, U. A. Gurkan, J. J. Allen, U. Demirci, and R. T. Hanlon *"Use of commercial off-the-shelf (COTS) digital cameras for scientific data acquisition and scene-specific color calibration,"* , J. Optical Society of America A, Vol. 31, Issue 2, pp. 312-321, 2014.

30. **T. Treibitz**, Z. Murez, B. G. Mitchell, D. Kriegman, *"Shape from Fluorescence,"* European Conference for Computer Vision (ECCV) 2012.

31. **T. Treibitz**, Y. Y. Schechner, *"Turbid Scene Enhancement Using Multi-Directional Illumination Fusion,"* IEEE Trans. on Image Processing, Vol. 21, Issue 11, pp. 4662-4667, 2012.

32. **T. Treibitz**, Y. Y. Schechner, *"Resolution Loss Without Imaging Blur,"* J. Optical Society of America A, Vol. 29, Issue 8, pp. 1516-1528, 2012.

33. F. Schroff*, **T. Treibitz***, S. Belongie, D. Kriegman, *"Pose, Illumination and Expression Invariant Pairwise Face-Similarity Measure via Doppelganger List Comparison,"* IEEE International Conference on Computer Vision (ICCV) 2011. *Equal contribution.

34. **T. Treibitz**, Y. Y. Schechner, C. Kuntz, H. Singh, *"Flat Refractive Geometry,"* IEEE Trans. on Pattern Analysis and Machine Intelligence, vol. 34, Issue 1, pp. 51-65, 2012.

35. **T. Treibitz**, Y. Y. Schechner, *"Polarization- Beneficial for Visibility Enhancement?,"* IEEE Computer Vision and Pattern Recognition (CVPR) 2009, **oral**.

36. **T. Treibitz**, Y. Y. Schechner, *"Active Polarization Descattering,"* IEEE Trans. on Pattern Analysis and Machine Intelligence, vol. 31, Issue 3, pages 385-399, 2009.

37. **T. Treibitz**, Y. Y. Schechner, *"Recovery Limits in Pointwise Degradation,"* IEEE International Conference on Computational Photography 2009, **oral**.

38. **T. Treibitz**, Y. Y. Schechner, H. Singh, *"Flat Refractive Geometry,"* IEEE Conference on Computer Vision and Pattern Recognition (CVPR) 2008, **oral**.

39. **T. Treibitz**, Y. Y. Schechner, *"Instant 3Descatter,"* IEEE Conference on Computer Vision and Pattern Recognition (CVPR) 2006.

Thesis

T. Treibitz, Advisor: Dr. Y. Y. Schechner, *"Geometry and Photometry of Imaging Through a Medium,"* Ph.D thesis in Electrical Engineering, Technion (2010).

Book Chapters

T. Treibitz, *"Descattering,"* Computer Vision: A Reference Guide, Ed. Katsushi Ikeuchi, Springer, 2014.

Patents

1. D. Akkaynak, T. Treibitz, *"Underwater Image Processing,"* Provisional submitted, May 2019.

2. D. Levy, Y. Goldfracht, A. Avni, T. Treibitz, *"Model-free physics-based reconstruction of images acquired in scattering media,"* PCT submitted, September 2019.

3. D. Berman, T. Treibitz, S. Avidan, *"Image Dehazing and Restoration,"* PCT submitted, April 2017.

4. O. Spier, T. Treibitz, G. Gilboa, *" In Situ Target-Less Calibration of Turbid Media,"* PCT submitted, March 2017

5. T. Treibitz, Y. Y. Schechner, *"Imaging system and methods for recovering object visibility,"* US patent 8350957, granted 2013.

Invited Talks in Conferences

2014   *"Shape From Fluorescence"*, International Congress on Imaging Science, Tel Aviv, Israel

2015   *"Computer Vision Methods for Autonomous Vehicles in the Marine Environment"*,
Association for Unmanned Vehicle Systems International (AUVSI), Haifa, Israel

2016   *"Underwater In Situ Microscopy"*, Optical Engineering Meeting, Jerusalem, Israel

2016   *"How Can Computer Vision Advance Ocean Exploration?"*, Israeli Machine Vision Day, Tel Aviv, Israel

2016   *"Photometric 3D in the Ocean"*, Technion Center of Excellence Workshop on 3D, Haifa, Israel

2016   *"Advances in Marine Imaging and Computer Vision"*, Marine Sciences Symposium, Nir Etzion, Israel

2017   *"Optical Imaging in the Ocean"*, Marine Imaging Workshop, Kiel, Germany

2017   *"Optical Imaging in the Ocean"*, Computational Optical Sensing and Imaging , San Francisco, USA

2017   *"Advanced Computer Vision Methods for Autonomous Underwater Vehicles"*,
Association for Unmanned Vehicle Systems International (AUVSI), HaHotrim, Israel

2018   *"Advanced Computer Vision Methods for Ecosystem Research"*,
Eco-System Based Research in the Mediterrenean, Sdot Yam, Israel

2018   *"Advanced Computer Vision Methods for Underwater Exploration"*,
Workshop on Marine Technologies, Haifa, Israel

2019   *"Our Eyes Beneath the Sea: Challenges in Underwater Imaging"*,
BIRS Workshop on Computational Light Transport, Banff, Canada

2019   *"Insights from the Deep: How Can we Improve Underwater Vision?"*, IEEE Computer Vision and Pattern Recogni
(CVPR) workshop on Computational Cameras and Displays, Long Beach, USA

Other Conference Publications

1. T. Treibitz, *"Underwater* In Situ *Microscopy,"* Extreme Imaging Workshop (ICCV), 2015.

2. T. Treibitz, *"Our Eyes Beneath the Sea: Novel Underwater Imaging Systems,"* Blue Photonics, 2015.

3. T. Treibitz, *"Advanced Optical Methods for Ocean Science,"* The Israeli Association for Aquatic Sciences meeting, 2014.

   T. Treibitz, B. P. Neal, D. I. Kline, O. Beijbom, P. L. D. Roberts, B. G. Mitchell, D. Kriegman, *"Wide Field-of-View Daytime Fluorescence Imaging of Coral Reefs,"* Marine Technological Society / IEEE Oceans, 2013.

4. T. Treibitz, B. P. Neal, P. Roberts, D. I. Kline, O. Beijbom, S. Belongie, B. G. Mitchell, J. Jaffe, D. Kriegman, *"Wide Field of View Full Spectrum Fluorescence Imaging for Coral Ecology"*, International Coral Reef Symposium, 2012.

5. T. Treibitz, B. P. Neal, O. Beijbom, D. Kriegman, S. Belongie, D. I. Kline, B. G. Mitchell, *"Underwater Color as a Source of Scientific Data for Coral Communities"*, American Society of Limnology and Oceanography Aquatic Sciences Meeting, 2011.

Press Coverage

2020, Exploring the Ocean Floor with Autonomous Underwater Vehicles, `https://www.freethink.com/articles/auv`

2020, 3D Imaging of Coral Reefs, `https://www.ynet.co.il/articles/0,7340,L-5671644,00.html`

2019, Press about our Sea-Thru algorithm, `https://www.scientificamerican.com/article/sea-thru-brings-clarity-to-underwater-photos1/`

2016, Press about our Benthic Underwater Microscope, links gathered here:
`http://jaffeweb.ucsd.edu/2016/07/benthic-underwater-microscope-work-published-in-nature-communications/`

2013, University National Oceanographic Laboratory System (UNOLS) Chief Scientist Early-Career Training Cruise Blog, `http://csw.unols.org/2013/10/we-have-diatoms/`

2013, Scripps Ocean Explorations article,
`http://explorations.ucsd.edu/research-highlights/2013/five-new-instruments-keeping-oceanography-fun`

2013, GreenWire article, `http://www.eenews.net/greenwire/stories/1059986651/`

2012, American Museum of Natural History Science Bulletin
`http://www.amnh.org/explore/science-bulletins/(watch)/bio/snapshots/underwater-microscope-zooms-in-on-tiny-marine-life`

2012, Cover image, International Coral Reef Symposium (ICRS 2012)
`http://www.icrs2012.com/NewsCoral2012/21st-Announcement.htm`

2011, National Geographic News Watch
`http://newswatch.nationalgeographic.com/tag/tali-treibitz-and-greg-mitchell.`

2009, Technion newspaper, "Seeing Clearly,"
`http://vision.ucsd.edu/~tali/webfiles/EE_story_2007.pdf.`