



MOORE INSTITUTE

for Plastic Pollution Research

Charles James Moore *curriculum vitae*

Director of Research, Moore Institute for Plastic Pollution Research, 160 N. Marina Dr., Long Beach, CA 90803 Office: 562-726-3365

a. Professional Preparation

| | | |
|-------------------------------------|--------------------------------------|-----------|
| University of California, San Diego | Major in Chemistry | 1965-1968 |
| Thompson Rivers University | Doctor of Laws, <i>honoris causa</i> | 2012 |

b. Appointments

1994-Founder, Algalita Marine Research and Education

1994-Founder, Long Beach Organic

2000-Founder and President, Oceanographic Research Vessel Algalita, Inc.

2020-Founder, Moore Institute for Plastic Pollution Research

c. Publications

Moore, Charles, 2019, Invasion of the biosphere by synthetic polymers: What our current knowledge may mean for our future. *Acta Oceanologica Sinica* 38: p161-164

Moore, Charles, 2014. Rapidly Increasing Plastic Pollution From Aquaculture Threatens Marine Life. *Tulane Environmental Law Journal* 27:2

Moore, Charles James, 2014. How much plastic is in the ocean? You tell me! *Marine Pollution Bulletin*, [doi:10.1016/j.marpolbul.2014.11.042](https://doi.org/10.1016/j.marpolbul.2014.11.042)

C.J. Moore. 2008. Synthetic polymers in the marine environment: A rapidly increasing, long-term threat. *Environ Research*. 108:131-139.

Corcoran, P.L., Moore, C.J., Jazvac, K., 2014. GSA Today, DOI: 10.1130/GSAT-G198A. An anthropogenic marker horizon in the future rock record. P4-8.

Moore, C.J., Lattin G.L., Zellers, A.F., 2011. Quantity and type of plastic debris flowing from two urban rivers to the coastal waters and beaches of Southern California. *Journal of Integrated Coastal Zone Management* 11(1):65-73 (2011). Pp 65-73

C.J. Moore, S.L. Moore, M.K. Leecaster, S.B. Weisberg. A comparison of plastic and plankton in the North Pacific Central Gyre. London. *Marine Pollution Bulletin* 42, No. 12 (2001) 1297-1300

C.J. Moore, S.L. Moore, S.B. Weisberg, G.L. Lattin, A.F. Zellers. A comparison of Neustonic plastic and zooplankton abundance in southern California's coastal waters. London. *Marine Pollution Bulletin* 44 (2002) 1035-1038

C.J. Moore, Trashed. Natural History Magazine. Vol. 112, No. 9. New York. (November 2003) 46-51.

Moore, C.J., Lattin, G.L., Zellers, A.F., 2005c. Measuring the effectiveness of voluntary plastic industry efforts: AMRF'S analysis of Operation Clean Sweep. In: Proceedings of the Plastic Debris Rivers to Sea Conference, Algalita Marine Research Foundation, Long Beach, CA.

d. Synergistic Activities

Wrote the book Plastic Ocean with co-author Cassandra Phillips, 2011. Penguin/Avery Associate Editor of *Journal Name* 1991-1995

Co-Editor, Theme issue Philosophical Transactions of the Royal Society B, Plastics, the environment and human health. 27 July, 2009, 364, No 1526:1969-2166

Organized and led a major State of California Prop 13 funded study (*Plastic Debris, Rivers to Sea*) to assess and reduce sources of plastic and trash in urban and coastal waters in collaboration with the Los Angeles Regional Water Quality Control Board 2004-2006

Co-organizer, Plastic Debris Rivers to Sea conference, 2005, sponsored by the California State Water Resources Control Board and Algalita Marine Research and Education, 2005

Expert Witness on plastic pollution testifying for the Coalition to Protect Puget Sound Habitat before the Shoreline Hearings Board, Olympia Washington, 3 separate hearings, 2012-2015

e. Collaborators & Other Affiliations

(i) Collaborators

Dr. Anthony Andrady, Editor of Plastics and the Ocean, wrote Foreword for this Wiley Science book, Dr. Marcus Eriksen and Anna Cummins, Founders of the 5 Gyres Institute, Dianna Cohen, CEO and Co-Founder, Plastic Pollution Coalition (NGO); Dr. Patricia Corcoran, Professor of Earth Sciences, University of Western Ontario, Dr. Win Cowger, University of California, Riverside, Nikolai Maximenko and Jan Hafner, International Pacific Research Center

(iii) Thesis Advisor and Postgraduate-Scholar Sponsor

University of California, Santa Barbara Bren School. During 2013/2014, guided 4 students in their Masters project: Reducing Plastic Debris in the Los Angeles and San Gabriel Rivers Watershed. Jessica Midburst, Michael Mori, Paula Richter and Bill Vosti.