

*Biography Dr. Peter Ross*

Dr. Peter S. Ross is the Vice-President of Research at Ocean Wise, based at the Vancouver Aquarium. He currently oversees five research programs that deliver conservation science to the international community. He is an international authority in the area of ocean pollution, having published over 150 scientific articles, with a focus on the source, transport, fate and effects of priority pollutants. He discovered the region's killer whales to be the most 'contaminated marine mammals in the world' in a groundbreaking study, and recently reported on the widespread distribution of microplastics and ingestion by zooplankton in the Pacific Ocean. He and his team launched PollutionTracker (<http://pollutiontracker.org/>), the first comprehensive monitoring program for pollutants of concern in coastal British Columbia; Ocean Watch (<https://research.ocean.org/program/ocean-watch>), a coast-wide ocean health report card; and the Plastics Lab, a dedicated high resolution facility working on microplastic pollution in the oceans.