

Special Issue

Persistent Organic Pollutants (POPs) in Sea Turtles: Levels, Profiles and Health Impacts

Message from the Guest Editors

Polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), organochlorine pesticides (OCPs), polybrominated diphenyl ethers (PBDEs), and the newly recognized emerging persistent organic pollutants (POPs) can bioaccumulate and biomagnify throughout the marine food web. Alarming levels of POPs have recently been found in all species of sea turtles, demonstrating that these pollutants are a real threat to sea turtle conservation. Despite the growing body of evidence of the impact of POPs, especially the emerging ones, on marine ecosystem health, further environmental monitoring and ecotoxicological studies are required to integrate baseline data and address the long-term effects on various signaling pathways in sea turtles. This Special Issue welcomes original studies that will contribute to a better understanding of the POP bioaccumulation trends in sea turtle tissues and to develop new biomarkers to measure adverse health effects. This knowledge will be useful for improving sea turtle conservation strategies.

Guest Editors

Dr. Paolo Cocci

School of Biosciences and Veterinary Medicine, University of Camerino, Camerino, Italy

Dr. Francesco Palermo

School of Biosciences and Veterinary Medicine, University of Camerino, Camerino, Italy

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Animals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
animals@mdpi.com

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Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Curtin University Sustainable Policy (CUSP) Institute, Curtin University, Kent St., Bentley, Western Australia 6102, Australia
2. Former Foundation Professor of Animal Welfare, University of Queensland and Foundation Director, Centre for Animal Welfare and Ethics, University of Queensland, Brisbane, Australia

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