

5. Conclusions This literature review demonstrated that MPs and other contaminants interact during the sewage sludge treatment process, and that changes in the characteristics of MPs can increase their toxicity. MPs in SS pose a potential toxicological risk to both humans and animals due to their ability to contain toxic additives, adsorb and concentrate environmental pollutants, and be ingested by organisms. Future research should focus on identifying the contaminants absorbed by MPs at the field condition and on conducting experimental studies to assess the toxicological effects of MPs that contain other contaminants. 5.