Water-borne diseases; Multi-agent strategies; Disease control; Optimization techniques; Mathematical modeling; Coordination

In recent years, the concept of optimizing multi-agent strategies has emerged as a promising avenue to tackle the complex challenges presented by water-borne diseases. is approach involves the coordination and integration of multiple intervention methods, stakeholders, and resources to achieve the most e ective outcomes in disease control. By considering the interplay between various interventions and their collective impact, multi-agent strategies hold the potential to revolutionize the way we approach water-borne disease

Optimizing multi-agent strategies for water-borne disease control involves the integration of mathematical models, computational