INTERNATIONAL CLEANUP CONFERENCE ADELAIDE 2026

INNOVATE. REMEDIATE. REGENERATE. TOGETHER FOR ONE EARTH.

CleanUp 2026: Conference Themes

S.No.	Themes
1.	PFAS Management in a Changing Regulatory Landscape: Innovations, Policies, and Global Perspectives symposium
2.	Emerging and recently emerged Contaminants - Sources, Fate, and Transport in the Environment - Characterisation, Detection, and Analytical Advance - Policy, Regulation, and Global Challenges - Emerging Frontiers and Cross-Cutting frontiers
3.	Legacy contaminants, risks and contaminated sites - Sources, persistence and environmental distribution - Fate, transport and exposure pathways - Characterisation and risk assessment methodologies - Remediation technologies and sustainable management - Policy, regulation and long-term stewardship - Lessons learned and future challenges
4.	Climate Change and Contaminant Behaviour - Climate Stressors and Environmental Risk: A Converging Crisis - Sea water intrusion and salinisation impacts

	- Climate-modulated contaminant dynamics - Use of contaminant cells - Geochemical shifts and remediation under climate variability
5.	Persistent Organic Pollutants (POPs) and Modern Challenges - Global sources, transport and bioaccumulation - Exposure pathways and health impacts - Monitoring and analytical advances - Remediation and waste management strategies - Regulatory, climate and circular economy challenges - Emerging frontiers and integrative approaches
6.	Planetary Boundaries and Environmental Exceedances - Earth system limits and chemical pollution thresholds - Drivers and hotspots of boundary transgression - Ecosystem, biodiversity and health impacts - Measurement, risk assessment and governance responses - Mitigation, remediation and pathways back within safe limits
7.	Mixtures and Complexity in Environmental Systems - Contaminant Mixtures: Synergistic Effects, Risk Assessment, and Regulatory Gaps - Analytical challenges and modelling frameworks - Real-world exposure scenarios - Assessment tools to deal with the mixture
8.	Chemical Bioavailability: Risk Assessment and One Health Perspective - Foundations and controls of chemical bioavailability - Measurement, modelling and exposure pathways - Incorporation into risk assessment and remediation - One Health implications and policy challenges - Emerging frontiers and practical implementation

9.	Case Studies and Lessons from the Field - Site characterisation and risk-based decisions - Remediation design, delivery and performance - Regulatory and community engagement - Sustainability, resilience and co-benefits - Failures, successes and transferable lessons - Waste Reuse and Risk: Navigating Contaminants in the Circular Economy and Sustainability
10.	Agrichemical and Chemical Legacies: Managing Persistent Pollutants in Productive Landscape - Historical sources and persistence in agricultural soils - Bioavailability, food-chain transfer and health risks - Landscape-scale fate under climate and land-use change - Risk-based management and remediation in productive systems - Policy, stewardship and pathways to sustainable agriculture
11.	AI for Smarter Contaminated Site Assessment, Risk Characterisation and Remediation Decision-Making - AI-Enabled Site Characterisation and Environmental Data Integration - Predictive Fate, Transport and Exposure Modelling Using AI - AI for Risk Characterisation and Regulatory Decision Support - Intelligent Selection and Optimisation of Remediation Technologies - Robotics, Automation and Smart Remediation Monitoring - Ethics, Transparency and Governance of AI in Environmental Management - Case Studies Demonstrating Practical Impact