

## Bioremediation & Closed-Ecosystem Studies

1. Li, Z., Rosenzweig, R., Chen, F., Qin, J., Li, T., Han, J., ... & Ronen, Z. (2022). Bioremediation of petroleum-contaminated soils with biosurfactant-producing degraders isolated from native desert soils. *Microorganisms*, 10(11), 2256.
2. Sato, T., Abe, K., Koseki, J., Seto, M., Yokoyama, J., Akashi, T., ... & Shimamura, T. (2024). Survivability and life support in sealed mini-ecosystems with simulated planetary soils. *Scientific Reports*, 14, 26322.
3. Huxman, T., et al. (2018). *Landscape Evolution Observatory (LEO) Technical Report: Instrumentation and initial results*. Biosphere 2, University of Arizona.
4. Nelson, M. (1997). Nutrient recycling systems of Biosphere 2: Litterfall, decomposition, and wastewater recycling (1991–1993). *Life Support & Biosphere Science*, 4(3–4), 145–153.
5. U.S. Environmental Protection Agency. (2005). *Guidance for Developing Ecological Soil Screening Levels (Eco-SSLs)* (Directive 9285.7-55). Office of Solid Waste and Emergency Response.

## Remote Sensing and Habitat Monitoring

- Finizio, A., et al. (2024). Remote sensing for urban biodiversity: A review and meta-analysis. *Remote Sensing*, 16(23), 4483.
- Kissling, W. D., et al. (2024). Towards consistently measuring and monitoring habitat condition with airborne laser scanning and UAVs. *Ecological Indicators*, 169.
- Amani, M., et al. (2023). Three-dimensional mapping of habitats using remote-sensing data and machine-learning algorithms. *Remote Sensing*, 15(17), 4135.
- Singh, A., et al. (2024). Systematic review and best practices for drone remote sensing of invasive plants. *Methods in Ecology and Evolution*, 15(6), 998–1015.
- Benedetti, M., et al. (2023). EVI and NDVI as proxies for multifaceted avian diversity in urban areas. *Ecological Applications*, 33(3), e2808.
- Rundel, P. W., et al. (2009). Environmental sensor networks in ecological research. *New Phytologist*, 182(3), 589–607.

## Pollution, Soil & Water Remediation, and Ecological Resilience

- Ray, S. S., & Suman, A. (2021). Removal of petroleum contaminants through bioremediation with integrated concepts of resource recovery: A review. *Indian Journal of Microbiology*, 61(3).
- Priya, P., et al. (2023). Clean-up of heavy metals from contaminated soil by phytoremediation: A multidisciplinary and eco-friendly approach. *MDPI Open Access*.

### **Environmental Law, Compliance, and Enforcement (Commerce City/Suncor)**

- U.S. Department of Justice & U.S. Department of the Interior. (2013). Consent decree settlement for 2011 refinery spill, Sand Creek, Colorado.
- Colorado Department of Public Health & Environment. (2020). Settlement agreement with Suncor: Air pollution violations.
- Brasch, D. (2024, February 5). Suncor Energy agrees to the largest air pollution penalty in Colorado history. *Colorado Public Radio*.
- Earthjustice. (2024, August 6). Suncor Energy sued over repeated Clean Air Act violations in Colorado.
- Booth, M. (2024, March 6). Colorado demands PFAS ‘forever chemicals’ cuts at Suncor. *The Colorado Sun*.
- U.S. Environmental Protection Agency. (2023, September 6). EPA settlement with Suncor on Clean Air Act fuel violations.

### **Local Environmental Studies & Reports (Commerce City – Sand Creek/South Platte)**

- Earthjustice. (2022, April 19). Study reveals refinery PFAS pollution in surface water and municipal drinking water systems.
- U.S. Environmental Protection Agency. (1996). Sand Creek industrial Superfund site profile (Commerce City, CO).
- Industrial Economics, Inc. (2013). Sand Creek natural resource damage assessment (NRDA).

### **Community Impacts & Environmental Justice**

- Longo, S. (2024, October 17). Fighting for clean air: Shaina Oliver's mission for environmental justice. *Commerce City Sentinel*.
- Rocky Mountain PBS. (2023, October). Denver's poorest residents are more likely to breathe smelly air, research finds.
- Bordelon, J. (2023, November). 'Dangerous to human health': Organization, scientists present research regarding refinery air pollution. *Denver7 News*.