

EnviroScreen Info Sheet

Tips, tricks and tools for tackling complexity in social-ecological systems: Attending to cumulative impacts and persistent challenges that cross-cut environmental, community and health systems.

The EnviroScreen session centred on helping communities better understand and analyze health comprehensively. Discussion focused on pilot projects of innovative, integrative, and geospatial cumulative impacts screening tools that merge environmental, community and health data. Additionally, two interactive panels and several breakout sessions provided participants with the opportunity to discuss current and future applications and uses of the tool across the ECHO Network Regional Cases and how it can connect to other intersectional processes for learning and action.

Speakers

Margot Parkes
Chris Buse
Raina Fumerton

Elder Darlene
McIntosh

Saadia Hara
Brigitte Champaigne
Nicholas Yarmey



Figure 1. Graphic Recording of EnviroScreen session by Annika Chiasson.

- The Anthropocene: humankind has become a profound global geological force in its own right.
- The health implications of natural resource extraction and climate change on Indigenous, northern, rural, and remote populations are significant yet seldom taken into consideration within indicator frameworks.
- Indicators tend to oversimplify the parameters of health and ignore the messy complexities intertwined within socioecological systems.
- The EnviroScreen tool is an evidence-based means of promoting intersectoral action to address local social and ecological determinants of health and addressing local nuances.

Key Takeaways

"[EnviroScreen is an] awesome tool, the fact that it does spatial analysis of so many variables and what it produces is the launching point of "so what?"

- Chelan Zirul

Resources

- **CalEnviroScreen tool:** <https://oehha.ca.gov/calenviroscreen>
- **Gillingham, M. P., Halseth, G. R., Johnson, C. J., & Parkes, M. W.** (Eds.). (2016). The Integration Imperative: Cumulative Environmental, Community and Health Effects of Multiple Natural Resource Developments (1st ed. 2016). Springer International Publishing: Imprint: Springer. <https://doi.org/10.1007/978-3-319-22123-6>
- BC's Cumulative Effects Framework: <https://bit.ly/3xsxsqb>

Watch this session: <https://vimeo.com/673699940>

