

**Cell Towers, Birds, Bees and Trees:  
The Environmental Impacts of Electromagnetic Radiation To  
Flora and Fauna**

**Thursday, May 4, 2023  
10am PST / 1pm EST**

The race to 5G and proliferation of wireless networks is increasing artificial electromagnetic exposures to wildlife worldwide. Cell towers are being erected in national parks, wilderness areas, and urban and suburban ecosystems, even though scientific research indicates numerous harmful effects to wildlife at incredibly low exposure levels. Pollinators are uniquely impacted due to their size.

This webinar will feature a series of flash talks and then a Q & A with international experts who have published in the field of wireless communications and environmental impacts, and funders who are investing in solutions for safer technology.

Sign Up Here - [https://us02web.zoom.us/webinar/register/WN\\_1xUC4rfVQGeUYIQMX1Mp2Q#/registration](https://us02web.zoom.us/webinar/register/WN_1xUC4rfVQGeUYIQMX1Mp2Q#/registration)

**Speakers:**

Albert M. Manville, II PhD. will present his latest paper [Effects of non-ionizing electromagnetic fields on flora and fauna](#) He is a Certified Wildlife Biologist and Senior Lecturer and Adjunct Professor at Johns Hopkins University.

B. Blake Levitt is an award-winning medical/science journalist, author, and editor who has researched the biological effects of nonionizing radiation since the late 1970's. She has participated in congressional briefings and published numerous peer-reviewed articles in the field, including as co-author of the recent [reviews](#) on EMF and wildlife impacts.

Dr. Cornelia Waldmann-Selsam will present on the impact of radiofrequency radiation to trees, sharing the findings of her published research, along with an [updated report](#) on her latest research.

Daniel Favre, PhD., Wildlife Biologist, will present his research, "[Mobile phone-induced honeybee worker piping](#)". He is president of the nonprofit organization, Alerte Romande aux Rayonnements Artificiels (A.R.R.A), <http://www.alerte.ch>

Erica Rosenberg, retired Assistant Chief of the Competition and Infrastructure Policy Division at the Federal Communications Commission will share highlights of her article [Environmental Procedures at the FCC: A Case Study in Corporate Capture](#)

Devra Davis PhD, President of Environmental Health Trust will present on her [published research](#) on the impact of wireless to plants and give an update on the lawsuit against the FCC related to environmental impacts.

Theodora Scarato, Executive Director of Environmental Health Trust, will present on current regulations related to environmental impacts and the regulations needed to address regulatory gaps in the United States and internationally.

Katie Alvord (aka Kate) is a director for a small family foundation focused on health and environmental giving. She has worked as a freelance writer and is a science journalism award winner for her past coverage of climate change. Katie's comments will address the importance of considering wireless radiation impacts when making environmental grants.

Lendri Purcell, MA, BCET, is the Co-president of Jonas Philanthropies and the President and Co-founder of Families Advocating for Chemical and Toxics Safety.

### **Recommended Reading:**

- ProPublica: [How the FCC Shields Cellphone Companies From Safety Concerns](#) by Peter Elkind
- ["Is Wireless Technology an Environmental Health Risk?"](#) Society of Environmental Journalists Journal, by Katie Alvord

- Santa Fe New Mexican, [Report says wireless radiation may harm wildlife](#), Scott Wyland
- Santa Clara Medical Association Magazine [Wireless Silent Spring](#)"
- Washington Spectator, [“Federal Court Instructs FCC to Review Electromagnetic Radiation Standards”](#) by Barbara Koeppe (PDF)
- [Is 5G Going to Kill Us](#), The New Republic by Christopher Ketcham
- Erica Rosenberg (2022) [Environmental Procedures at the FCC: A Case Study in Corporate Capture](#), Environment: Science and Policy for Sustainable Development, 64:5-6, 17-27
- [“Health Effects of Cellphone & Cell Tower Radiation: Implications for 5G”](#) with Dr. Joel Moskowitz