More Background Reading & Research

Signal processing & RF sensing:

-A review of augmented reality visualization methods for subsurface utilities - [Link](https://www.sciencedirect.com/science/article/abs/pii/S1474034621002470)

-Machine Learning-Powered Radio Frequency Sensing - [Link](https://www.merl.com/publications/docs/TR2025-099.pdf)

-Survey on Context-Aware Radio Frequency-Based Sensing - [Link](https://www.mdpi.com/1424-8220/25/3/602)

-Empowered RF Sensing in Outdoor Environments - [Link](https://www.researchgate.net/publication/387599301_Deep_Learning-Empowered_RF_Sensing_in_Outdoor_Environments_Recent_Advances_Challenges_and_Future_Directions)

-Signal Processing Techniques and Challenges for Real-World Systems - [Link](https://ebulutvcu.github.io/COMST22_WiFi_Sensing_Survey.pdf)

AR Visualization:

-Development of Augmented-Reality-Based Magnetic Field Visualization System - [Link](https://www.researchgate.net/publication/364618607_Development_of_Augmented-Reality-Based_Magnetic_Field_Visualization_System_as_an_Educational_Tool)

-A Real-time Visualization of Electromagnetic Field Distribution with Markerless Augmented Reality - [Link](https://www.researchgate.net/publication/370057428_A_Real-time_Visualization_of_Electromagnetic_Field_Distribution_with_Markerless_Augmented_Reality)

-Improving the Understanding of Low Frequency Magnetic Field Exposure with Augmented Reality - [Link](https://www.dguv.de/medien/ifa/de/pub/artikel/ijerph-19-10564-v3.pdf)

Sensor Fusion & Spatial Mapping:

-Multimodal Sensor Fusion for Passive RF and EO Information Integration - [Link](https://www.secs.oakland.edu/~li4/papers/journal/AESMagazine_Vakil2021.pdf)

-Multiple simultaneous acoustic source localization in urban terrain. - [Link](https://www.researchgate.net/publication/221283967_Multiple_simultaneous_acoustic_source_localization_in_urban_terrain)

-Acoustic- and Radio-Frequency-Based Human Activity Recognition - [Link](https://pdfs.semanticscholar.org/1124/92b0d35cb339c6a59d8559ce8170a50cfea2.pdf)