

Spectrum allocation is analogous to land allocation:

- 1) Land was formerly under government control
- 2) Governments have faced lease/sale and zoning dilemmas over land in the past
- 3) Land has commercial, government, and noncommercial uses
- 4) Land is a finite resource

Given the similarities, spectrum allocation should be modeled after land allocation, with a regulated free-market system as an end goal. Regulation should protect such parties as educational radio and television and radio astronomy, and should control spurious, out-of-band, and adjacent-channel emissions.