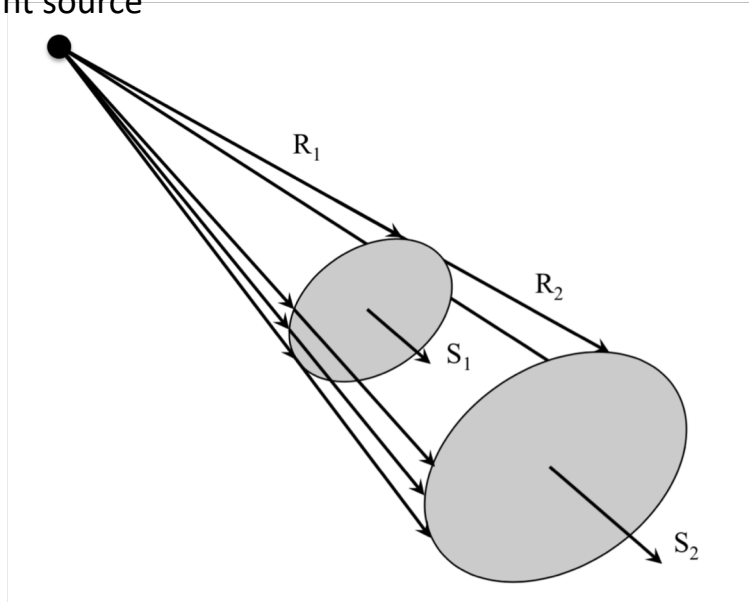


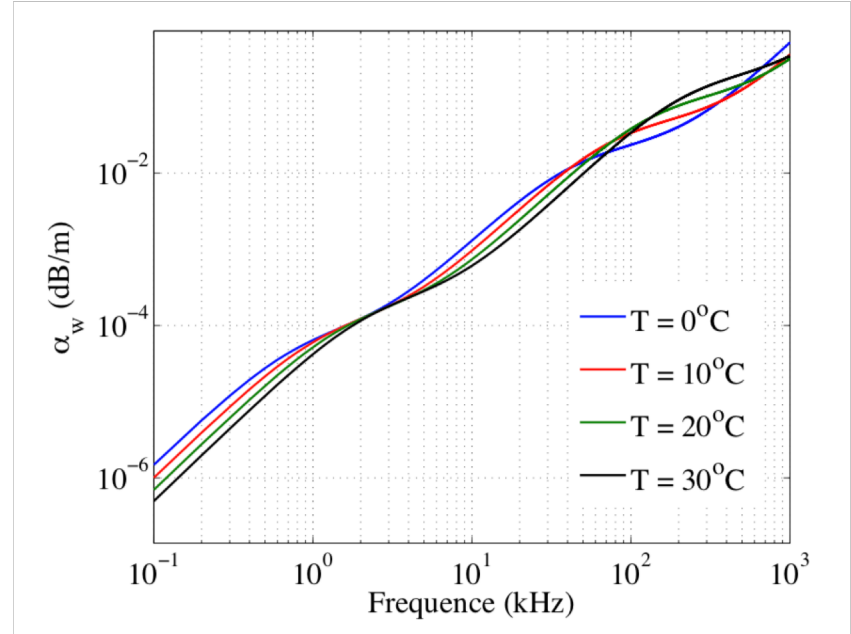
## Spherical spreading

Point source



*The sample section (hence volume) increases with the range, while the intensity contained in each section  $S_1$  and  $S_2$  is the same.*

## Attenuation due to water as a function of frequency and temperature



*Based on François & Garrison (1982) model. The higher the frequency, the higher the attenuation due to water.*