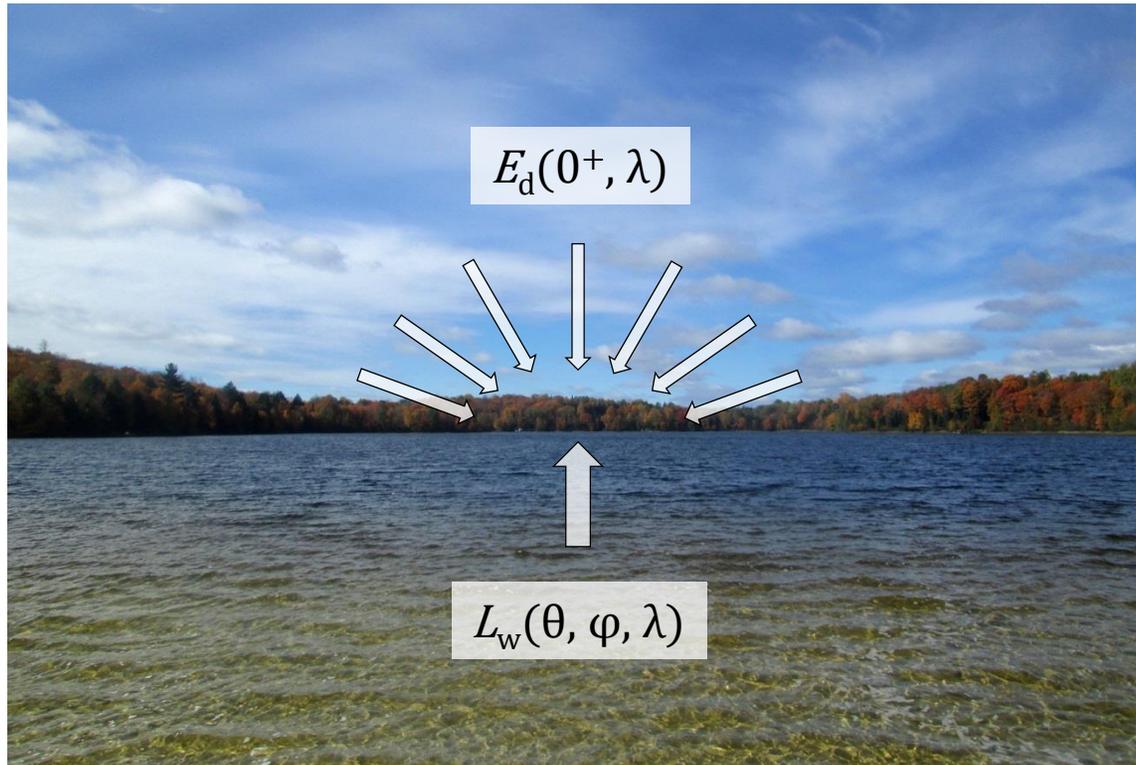


Calculation of the remote sensing reflectance



$$R_{rs}(\theta, \phi, \lambda) = \frac{L_w(\theta, \phi, \lambda)}{E_d(0^+, \lambda)}$$

$L_w(\theta, \phi, \lambda)$ - Water leaving radiance

$E_d(0^+, \lambda)$ - Downwelling irradiance

Calculation of the remote sensing reflectance of waterbodies. This equation relates the ratio of the water leaving radiance and the downwelling irradiance ($L_w(\theta, \phi, \lambda)$ and $E_d(0^+, \lambda)$) to the remote sensing reflectance ($R_{rs}(\theta, \phi, \lambda)$).