

## **Spectral slopes and peaks: A review of moored observations on internal waves in the ocean**

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Spectral observations will be presented from the open ocean and above its boundaries, with a focus on the shape of the inertio-gravity wave band, also known as the internal wave band. Topics of discussion that will be touched upon:

- the slope of the baseline
- the higher harmonics of deterministic signals and their effects on the spectral slope
- the minimum and maximum frequencies of the internal wave band, or the importance of the near-inertial and near-buoyancy frequencies on the internal wave band as a whole
- the effects of the ocean stratification on the internal wave spectrum, at small-scales, “steps”, and at large scales.