

Radiative products for the PACE era

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Objective: Develop and validate algorithms for Hyperspectral (5nm resolution) and band-integrated scalar and downwelling irradiance at 0+, 0- and at any depth of interest and the associated uncertainties. Near surface products will be provided as daily integrated values as well as at the time of satellite observation.

Level 2 & 3 products.

Full uncertainty budgets at same resolution as the products.

Specific products will be decided on in consultation with users and GFSC (year 1).

Please suggest products you want and existing data for validation.