CLMS HR-VPP — Phenology and Productivity Parameters (knowledge note)

Scope

This note describes phenology and productivity parameters defined within the Copernicus Land Monitoring Service (CLMS) High Resolution Vegetation Phenology and Productivity (HR-VPP) product family. The content reflects parameter definitions and categories as stated in official CLMS technical documentation.

Phenology parameters (as defined by CLMS HR-VPP)

- **Start of Season (SoS)**
  - Parameter describing the onset timing of vegetation activity within a seasonal cycle.
- **End of Season (EoS)**
  - Parameter describing the termination timing of vegetation activity within a seasonal cycle.
- **Length of Season (LoS)**
  - Parameter representing the duration between defined season start and end points.
- **Peak of Season (PoS)**
  - Parameter indicating the timing of maximum vegetation development within a season.

Productivity-related parameters (as defined by CLMS HR-VPP)

- **Seasonal integral of vegetation indices**
  - Parameters derived from time-series integration of vegetation index values over a season.
- **Maximum vegetation index value**
  - Parameter representing the peak magnitude of vegetation index values during a season.
- **Productivity summary parameters**
  - Set of annual or seasonal descriptors characterizing vegetation productivity, as defined in CLMS documentation.

Source citations

- SAL_KB/citations/CLMS_HR-VPP_dataset.md
- SAL_KB/citations/CLMS_HR-VPP_Product_User_Manual.md

Notes (governance)

- Knowledge note derived exclusively from cited CLMS sources.

- Descriptive parameter definitions only; no interpretation or performance claims.
- No modelling, AI, or application-level framing.