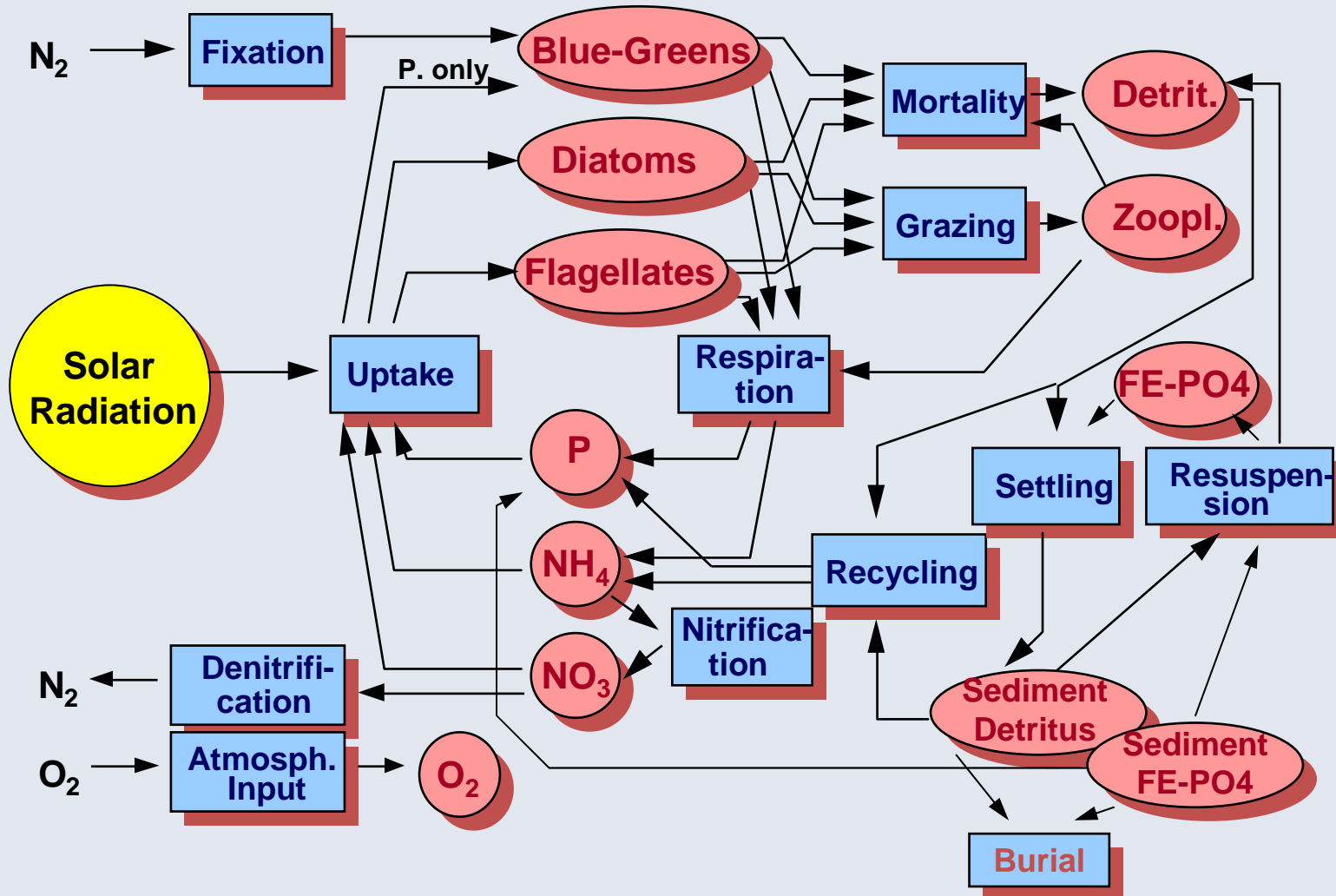


Data delivered and required by ERGOM

ECOSUPPORT IOW

ERGOM



Data delivered by ERGOM:

Spatial resolution: 3 n.m., 2m – 5m

State variables

- 3D fields, monthly mean

- Selected stations, 6 hourly

- Transports through predefined cross-sections, daily

Fluxes

- N-fixation, 2D, monthly mean

- Sediment denitrification, 2D, monthly mean

- Pelagic denitrification, 2D, monthly mean

- N, P burial, 2D, monthly mean

Time slices:

- 1850-1960

- 1960-2007

- 2000-2100, probably time slices only, depending on computer resources

Additional state variables from extended ERGOM versions:
(for selected time slices and scenarios)

Total inorganic carbon
Alkalinity

Copepod stages from two model species

Data format:

netCDF

Data needed:

Meteorological forcing 1850-2100

Atmospheric deposition 1850-2100

Runoff 1850-2100

River loads, diffusive loads and point sources 1850-2100

Runoff alkalinity, carbon