

TEM 5.0

Carbon/nitrogen
dynamics module
(CNDM)

Soil thermal
module
(STM)

Hydrological
module
(HM)

Soil organic
carbon

Soil temperature
profile

Soil moisture
profile

Carbon monoxide
dynamics module
(CODM)

Land surface CO concentration

Net fluxes

1 cm

30 cm

Soil CO concentration

Consumption

Production