

Inputs

Ensemble Constraining

(Global Warming Indicators,
Global Carbon Budget)

CMIP6 & CMIP7 Scenarios

(ScenarioMIP, ZECMIP,
CDRMIP, RFMIP, etc.)

Ensemble generation & constraining

Participating
RCMs

RCMIP3 protocol

Idealised Experiments

(Feedback Diagnosis)

Non-idealised Experiments

(Scenario Projections)

Outputs & Application

Carbon & Methane
cycle assessments

ECS | TCRE | ZEC
assessments

Ensemble Evaluation
against Benchmarks

Attributable
Warming estimates

Historical & Scenario
Projections (1750-2500)

(Emissions-driven,
Concentrations-driven)
(for CMIP6 & CMIP7
protocols)