

## WCRP Lighthouse Activity: Explaining and Predicting Earth System Change

### Science Plan Development Team

Name	Organization	Country	Rep*	Email Address
Rowan Sutton (Chair)	National Centre for Atmospheric Science (NCAS), University of Reading	UK		r.sutton@reading.ac.uk
Anca Brookshaw	Copernicus Climate Change Service European Centre for Medium-Range Weather Forecasts	UK	MD	anca.brookshaw@ecmwf.int
Doug Smith	Met Office Hadley Centre	UK		doug.smith@metoffice.gov.uk
Frederic Vitart	European Centre for Medium-Range Weather Forecasts	UK		Frederic.Vitart@ecmwf.int
Jochem Marotzke	Max Planck Institute for Meteorology	Germany		jochem.marotzke@mpimet.mpg.de
June-Yi Lee	Research Center for Climate Sciences, Pusan National University	Korea		juneysi@pusan.ac.kr
Kirsten Findell	NOAA Geophysical Fluid Dynamics Laboratory	USA	GE	kirsten.findell@noaa.gov
Lijing Cheng	Institute of Atmospheric Physics, Chinese Academy of Sciences	China	CR	chenglijing19881105@gmail.com
Lin Wang	Institute of Atmospheric Physics, Chinese Academy of Sciences	China	SP	wanglin@mail.iap.ac.cn
Markus Donat	Barcelona Supercomputing Center - Centro Nacional de Supercomputación	Spain	MD	markus.donat@bsc.es
Masahide Kimoto	University of Tokyo	Japan	JSC	kimoto@aori.u-tokyo.ac.jp
Michael Ek	National Center for Atmospheric Research (NCAR)	USA	GE	ek@ucar.edu
Patrick Heimbach	University of Texas Austin	USA	CL	heimbach@utexas.edu
Sandy Lucas	NOAA's Climate Variability and Predictability (CVP) Program	USA		sandy.lucas@noaa.gov
Scott Osprey	University of Oxford	UK	SP	scott.osprey@physics.ox.ac.uk
Shoshiro Minobe	Hokkaido University	Japan	CR	minobe@sci.hokudai.ac.jp

WCRP Support: [wcrp@wmo.int](mailto:wcrp@wmo.int)

Narelle van der Wel: [nvanderwel@wmo.int](mailto:nvanderwel@wmo.int)

\* Representative:

CL - WCRP Climate and Cryosphere Project (CliC)

CR - WCRP Climate and Ocean Variability, Predictability and Change (CLIVAR)

CX - WCRP Coordinated Regional Climate Downscaling Experiment (CORDEX) (Regional Climate Information for Societies)

GE - WCRP Global Energy and Water Exchanges (GEWEX)

JSC - WCRP Joint Scientific Committee

- MD - Combined WCRP Modelling and Data Core Activities (Earth System Modelling and Observational Capabilities)
- SP - WCRP Stratosphere-troposphere Processes And their Role in Climate (SPARC)