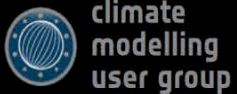


# CCI ECVs



**CLIMATE  
CHANGE  
INITIATIVE**

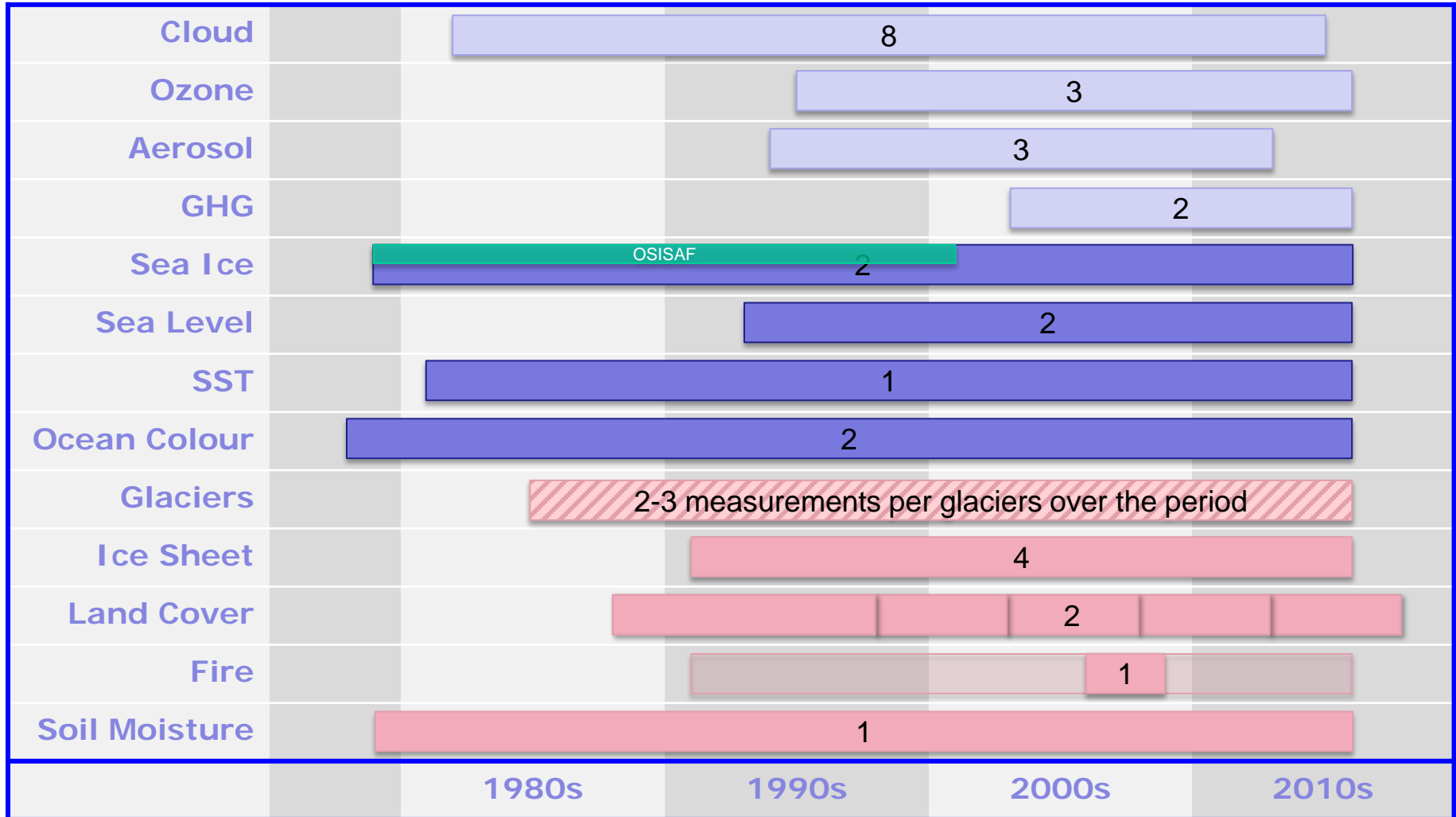


# Implemented by the CCI



Atmosphere	Ocean	Terrestrial
<b>Composition</b>	<b>Surface</b>	
Aerosols Properties	Sea Surface Temperature	Land Cover
Carbon Dioxide & Methane	Sea Level	Fire Disturbance
Ozone	Sea Ice	Soil Moisture
Long-Lived GHGs	Ocean Color	Glacier and Ice Caps
Precursors (for Aerosols and O3)	Sea State	Ice Sheets
<b>Upper Air</b>	Current	Snow Cover
Cloud Properties	Sea Surface Salinity	Albedo
Temperature	Carbon Dioxide Partial Pressure	Leaf Area Index (LAI)
Water Vapor	Phytoplankton	(FAPAR)
Wind Speed and Direction	Ocean Acidity	Lakes
Earth Radiation Budget	<b>Sub Surface</b>	Above Ground Biomass
<b>Surface</b>	Carbon	Permafrost
Surface Air Pressure	Current	Ground Water
Surface Air Temperature	Nutrients	River Discharge
Surface Precipitation	Ocean Acidity	Soil Carbon
Surface Radiation Budget	Oxygen	
Water Vapour (Surface humidity)	Salinity	
Near-Surface Wind Speed, Dir	Temperature	
	Tracers	
	Global Ocean Heat Content	
CCI Scope	Started in CCI	

# CCI Products Time Coverage Phase 2



- **The CCI portal project kicked off May 2015:**
  - To be an uncomplicated web-based interface acting as the single dedicated point-of-access for all CCI data products and for all ESA Climate Change enquiries
  - To incorporate search and data discovery tools for CCI data products and to facilitate efficient and expedient data access, including multiple ECV download
  - To perform a central coordinating role by providing a comprehensive depository for information on the CCI and also housing a user forum for queries / discussion / feedback
  - To interoperate with the Earth System Grid Federation (ESGF) as a services layer and to be based on Open Source to allow adaption and evolution (Obs4MIPS)
  - To act as the physical host for a CCI toolbox dedicated to the discovery, interrogation and analysis of CCI data products