

The background of the slide is a composite image. The upper half shows a range of rugged, snow-capped mountains under a clear sky. The lower half shows a wide, braided river delta with numerous channels winding through a green, vegetated landscape. The text is overlaid on this background.

# ICOS

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INTEGRATED  
CARBON  
OBSERVATION  
SYSTEM

## STANDARDISED OBSERVATIONS ARE THE BASE OF ALL CLIMATE SCIENCE

ICOS Side Event at COP25

# Research Infrastructures as providers of standardised observations



## Werner Kutsch

Director General of ICOS, Integrated Carbon Observation System.

He is a biologist, plant ecologist and ecosystem scientist, and has worked with ecosystem carbon cycling for 25 years in Europe and Africa.

He has also is experience in data acquisition, post-processing, data analysis and modeling of ecosystem carbon budgets.

# Current status and challenges of GHG observations: Japan's contribution to the Paris Agreement



## Nobuko Saigusa

Director of the Center for Global Environmental Research, National Institute for Environmental Studies (NIES), Japan.

She specializes in terrestrial carbon cycle, and was a lead author of Chapter 6 of IPCC Special Report on Climate Change and Land (SRCCL).

# WMO approach to high-quality measurements of atmospheric composition



## Claudia Volosciuk

A researcher at GAW, in the Atmospheric Environment Research Division, Research Department of WMO.

Within WMO, the Global Atmosphere Watch (GAW) is responsible for global measurements of atmospheric composition.



# Systematic observations for monitoring the global climate



## Carolyn Richter

Director of the Secretariat of GCOS, the Global Climate Observing System within WMO.

GCOS regularly assesses the status of global climate observations of the atmosphere, land and ocean and produces guidance for its improvement.

# The role of atmospheric observations in the Global Carbon Budget



## Matthew Jones

Senior Research Associate at the Tyndall Centre for Climate Change Research, University of East Anglia.

For more info:

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