



Regional Climate Projections Consortium and Data Facility in Asia and the Pacific (RCCDF)

www.csiro.au

The project is being implemented by the Asian Development Bank through the technical assistance (TA 8359-REG) financed by the Japan Fund for Poverty Reduction.



Welcome to the workshop

- Brief introduction to the project
- What we hope to accomplish during the workshop
- Acknowledgements
- Questions

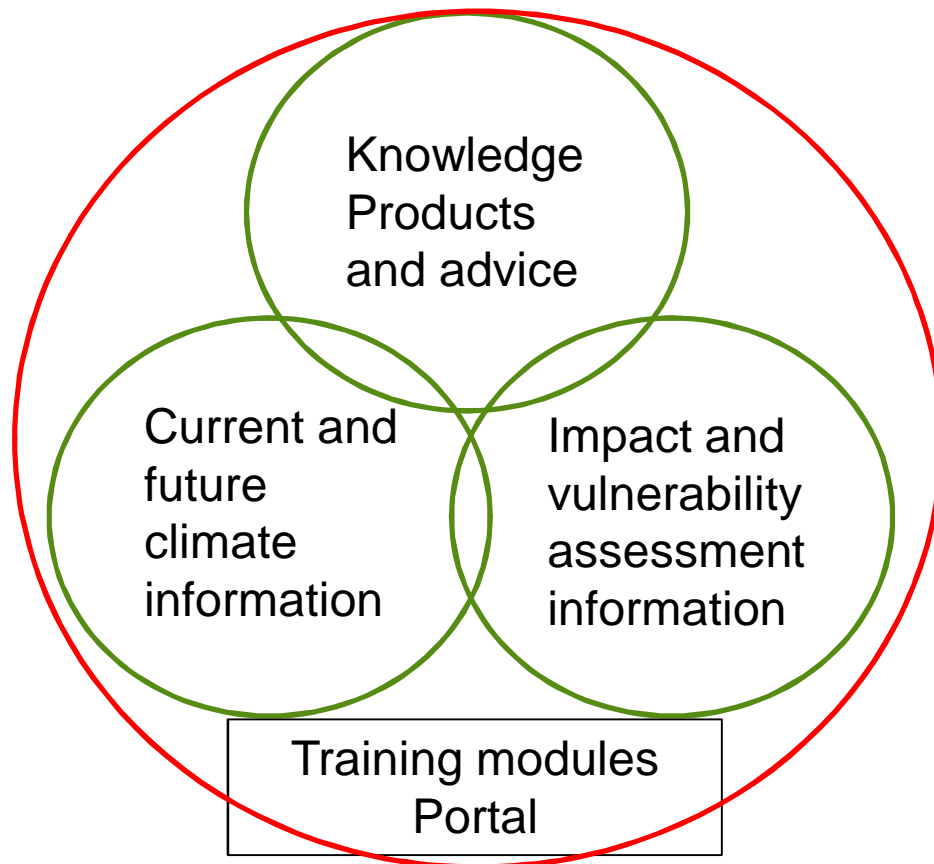
Using Climate Projections

It can be difficult to obtain, understand and use projections of climate change

- Projections are usually presented in very technical ways
 - Hard to interpret maps and graphs
 - Data provided in many different formats
- Often focussed on very large areas
 - Global or regional scale
- Many different types of projections
 - Global climate models, downscaled (dynamical and statistical)
 - How many projections should you use?
 - How do you choose what to use?

Vision statement

The Regional Climate Consortium will be the main provider of climate information for impact assessment in the Asia-Pacific Region



The **Consortium** will work with the **implementing agencies** to:

1. Adopt best practises
2. Increase capacity
3. Implement and support portal
4. Learn by doing
5. Collaborate across the region
6. Make the consortium sustainable

Overview of the TA main objectives

- Provide access to the latest climate projection information
- Build capacity of the Implementing Agencies to provide climate projection information and advice
- Provide regionally consistent climate projection information and guidance
- Leverage the climate science expertise from within and beyond Asia and the Pacific
- Fostering regional ownership of climate information and services

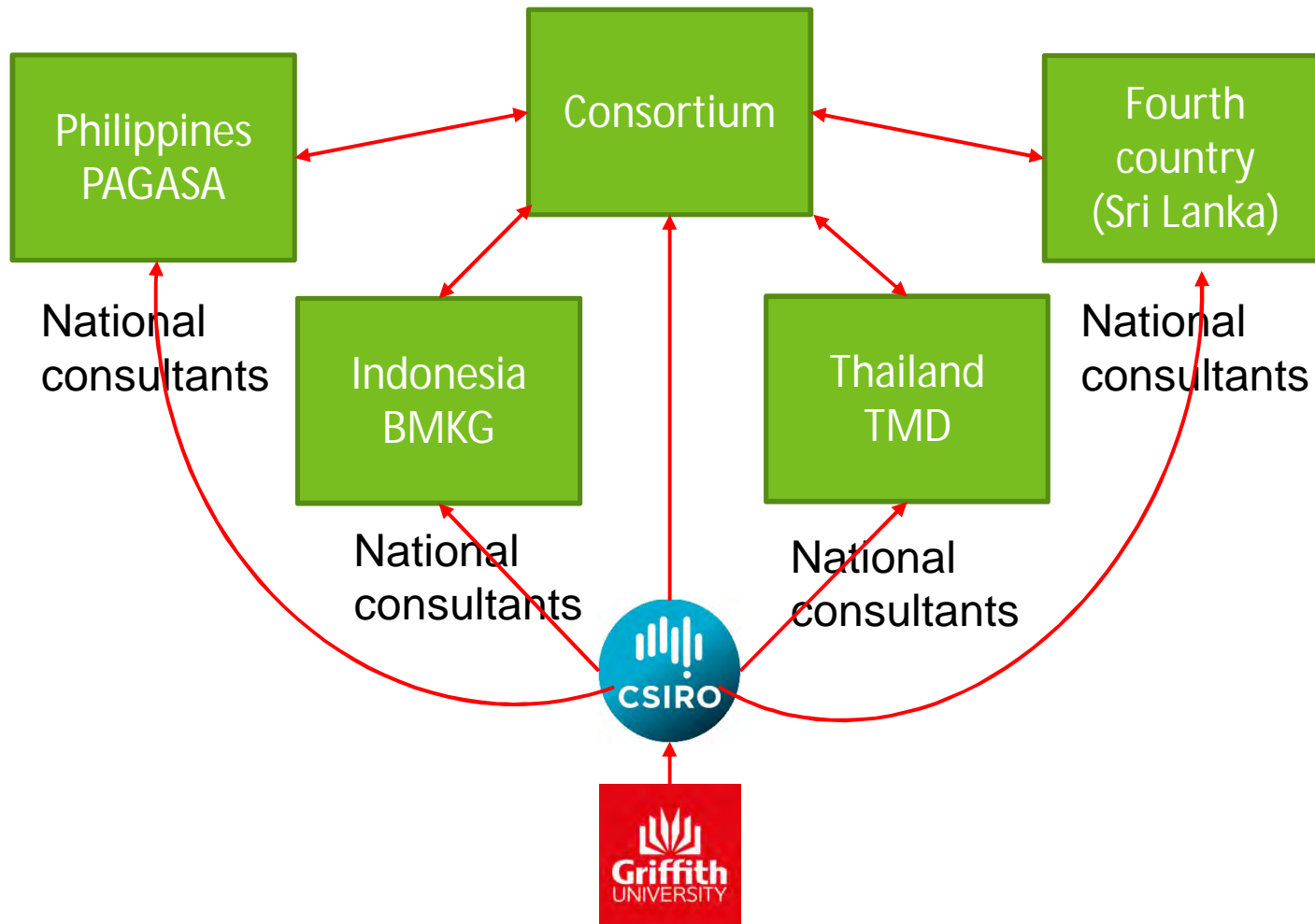
Timeline

Initial project was from 18 Feb 2015 to 30 Sept 2016

Extension for inclusion of fourth country until 30 June 2017



Implementation



The Project Team



Implementing agencies

Philippine Atmospheric
Geophysical and
Astronomical Services
Administration (PAGASA)

Bureau of Meteorology,
Climatology and
Geophysics in Indonesia
(BMKG)

Thai Meteorological Department
(TMD)

Outputs

Sources of climate information

Guidance for assessing/using climate information

- Observational data
- Regional climate projections
- Dealing with uncertainty/range of possible futures

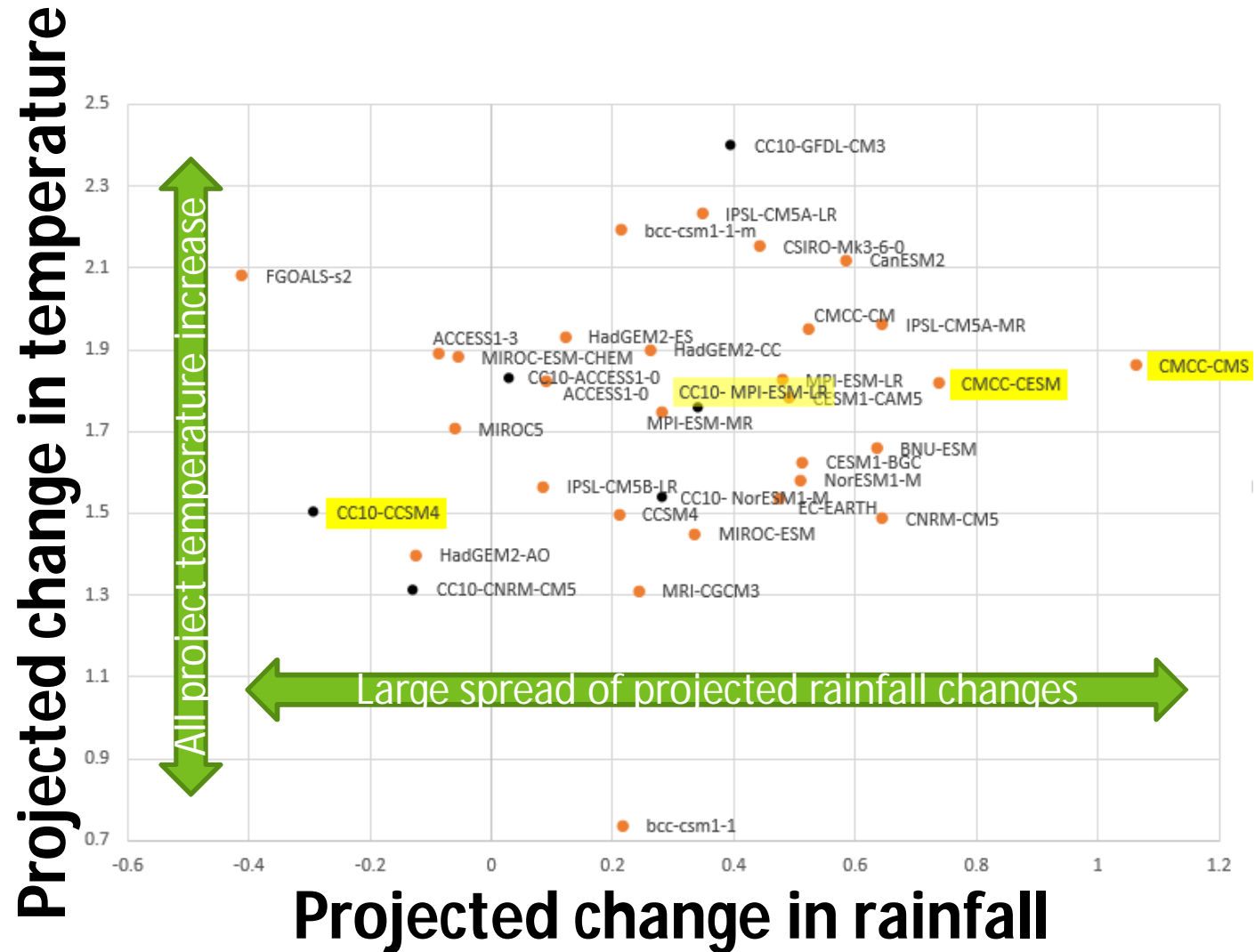
Guidance for climate impact and vulnerability assessment

- How to deal with uncertainty in climate projections
- What to consider when completing an impact and vulnerability assessment

Knowledge products

- Above guidelines
- Training modules
- Case studies as examples and build capacity
- Access to expert advice
- Portal

Case Study Example



Plot of changes in annual rainfall (mm/day) and annual surface air temperature (°C) for the period 2036-2065 minus the period 1971-2000 for global climate models (orange markers), regional climate model output (black dots). The models selected for the case study are indicated in yellow highlight.

Guide, Use and Collaborate.

The Regional Climate Consortium for Asia Pacific (RCCAP) is a community of practice in the Asia-Pacific region with the objective to provide guidance on where to obtain and how to use climate information as well as guidance for the development of climate risk assessment and adaptation planning.

In establishing this online interface, the Consortium aims to enhance collaboration and knowledge sharing to support best practices in the region.

The Consortium is produced in conjunction with these partners:



[GET STARTED](#)

Climate Science Guideline

Guidance and support on how to access and use climate science data for projection modelling.



Adapt to Climate Change

Assistance in how to perform a climate risks, impacts, adaptation and vulnerability assessment.



RCCAP Consortium

Find out more about the consortium services and how to participate and contribute.



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Goals of workshop

Present status of the project

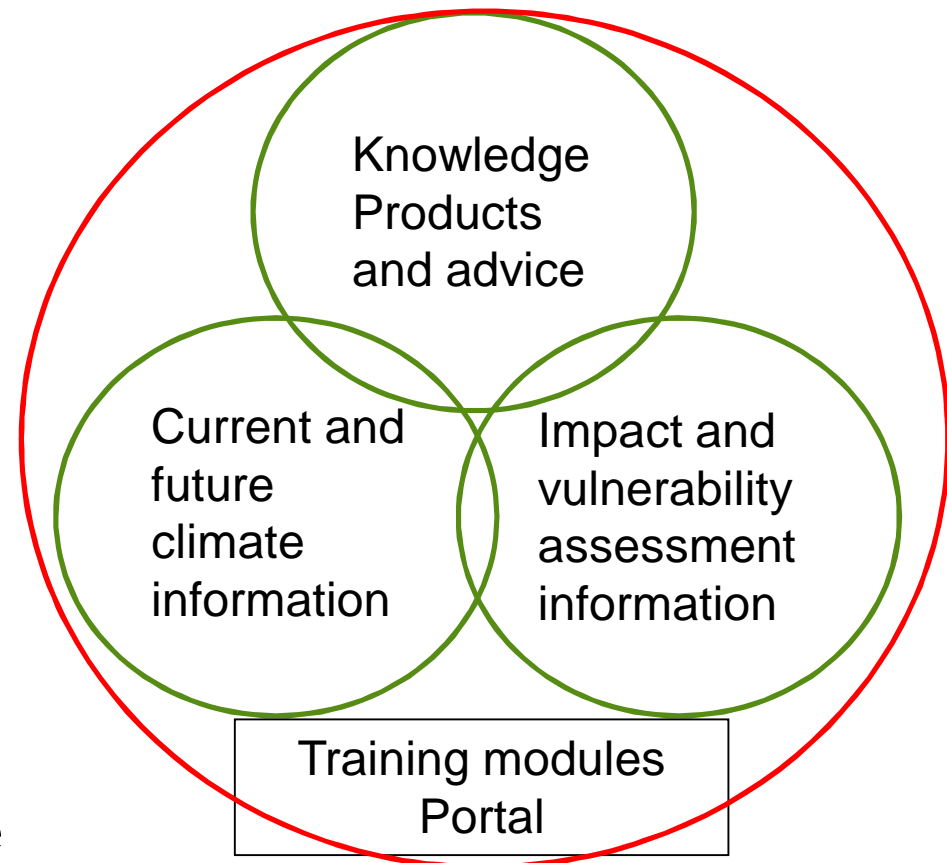
- Still a work in progress
- Want your input!

Day 1:

- Stakeholder engagement
- Provide example through Philippine Case Study

Day 2-3:

- Learn by working with the Case Study in more detail
- Capacity building
- Refining knowledge products



Acknowledgements

Ms. Preety Bhandari

Director, Climate Change and Disaster Risk Management Division,
Sustainable Development and Climate Change Department, ADB

Mr. Richard Bolt

Country Director, Philippines Country Office, ADB

Dr. Landrico Dalida

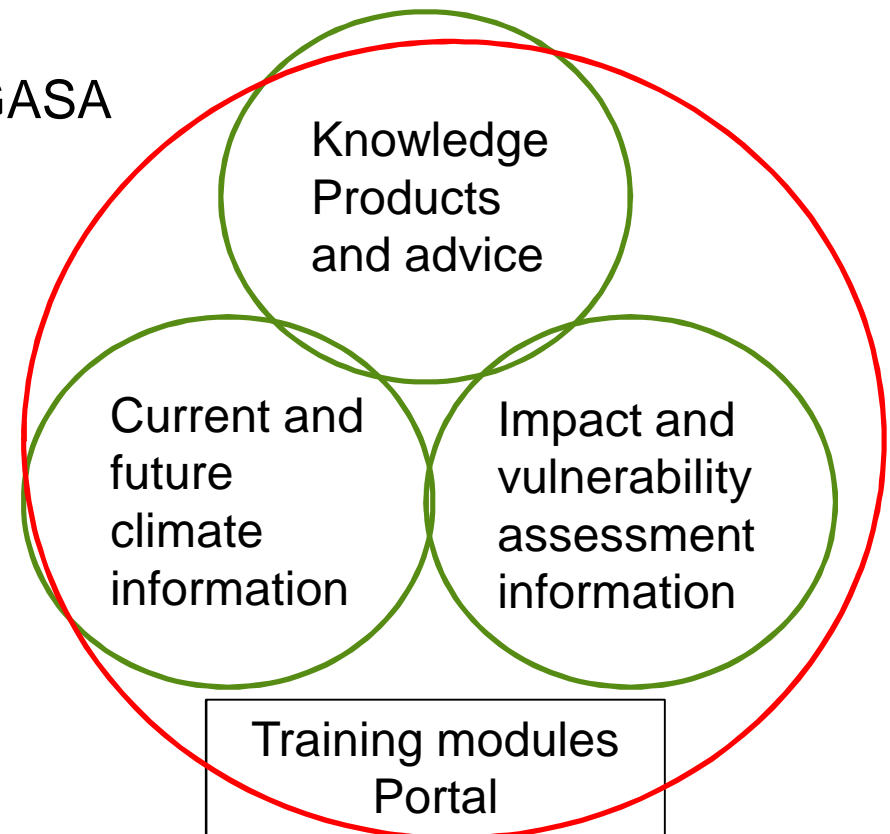
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Ma. Aurora "Lou" Caluag

Reminder: We want your input and feedback



Thank you! Questions?

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Regional Climate Projections Consortium and Data Facility for Asia and the Pacific

Use of climate services in Asia and the Pacific is challenged by limited reliable climate information, insufficient capacity to interpret and use climate information, and limited technical and financial resources.

The Regional Climate Projections Consortium and Data Facility (RCCDF) will develop a community of practice to provide this in a cost-effective and sustainable manner through capacity building. The RCCDF project¹ will address these challenges by providing:

1 Access to climate information.



2 Guidelines and examples for conducting impacts and vulnerability assessments.



3 Knowledge sharing and learning.



RCCDF GOALS:

- Adopt best practices for adaptation planning
- Support learning by doing
- Develop in-country capacity for using climate information in impacts and vulnerability assessments
- Implement and support the portal (an online resource with links to data and information)
- Increase collaboration on assessment of common regional climate impacts

THE RCCDF WILL PROVIDE ACCESS TO:

- Available current and future climate information
- Guidelines on how to develop, interpret and use climate information
- An online web interface (portal) to provide access to the guidelines, learning materials and other related services.

¹ The project is being implemented by the Asian Development Bank through the technical assistance for Regional Climate Projections Consortium and Data Facility in Asia and the Pacific (TA 8359-REG) financed by the Japan Fund for Poverty Reduction.