

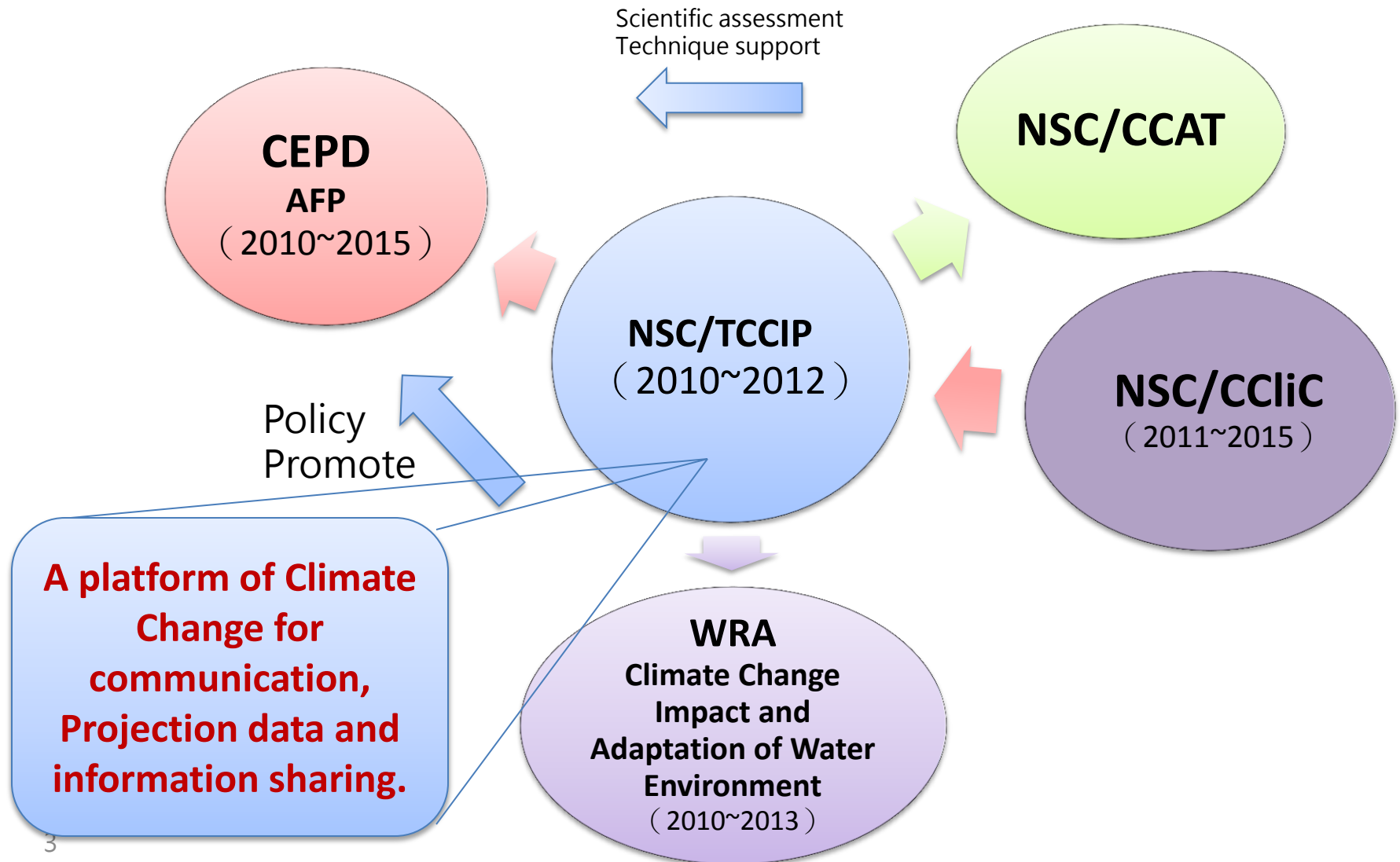
Introduction of TCCIP Information Platform

Jung-Lien Chu and Bo-Cheng Huang
*National Science and Technology Center for
Disaster Reduction (NCDR)*

TCCIP

*Taiwan Climate Change Projection
and Information Platform*

Relationship between NSC Main project of Climate Change and Associated Ministries in Taiwan





What Kind of People
Should Visit
TCCIP Website?

- People who are interested in Climate Change of Taiwan.

=> Government officers 、 Environmentalists 、 Scientists 、 Teachers 、 Students...

- People who are curious about Climate Change of Taiwan.

=>The general public

- People who are not interested in Climate Change of Taiwan.

=> Some researchers like me.....

What is the
Distinctive Feature
for TCCIP Website ?

It is a study of Climate Change
Tailored right for Taiwan.

It is a study of Climate Change with
more institutes to involve in.

It is a study of Climate Change with
up-to-date results.

About As

Past Climate in Taiwan

Future Climate in Taiwan

Change in East Asian

Hydrological Change in Taiwan

Stations in Taiwan

► Past Climate in Taiwan

- Temperature
- Precipitation
- Humidity
- Wind Speed
- Sea Level Surface
- Typhoon



► Future Climate in Taiwan 2020-2099

- Spatial Distribution
- Change in Time Series



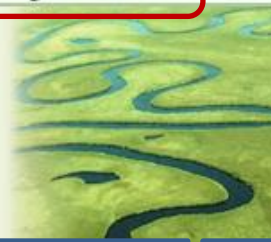
► Change in East Asian

- Temperature
- Precipitation
- Monsoon
- Typhoon



► Hydrological Change in Taiwan

- Analysis of Variation in the Past
- Projection for Future



2011.12.06-08
2011 International Conference on
Climate Change

連結區

- 最新消息
- 研討會資訊
- 相關新聞
- 相關連結
- 團隊發表文章
- 2011氣候變遷國際研討會

NSC

NCDR

CWB

RCEC

NTU

NTNU

NCTU

WRA



Taiwan Climate Change Projection and Information Platform Project
9F, No.200, Sec. 3, Beisun Rd., Sindian City, Taipei County 231, Taiwan (R.O.C.)
National Science and Technology Center for Disaster Reduction

E-mail: tccip.office@ncdr.nat.gov.tw
TEL: +886-2-8195-8688 Visitor Counts: 9740

[Privacy Policy](#) | [Copyright](#) | [Contact Us](#)

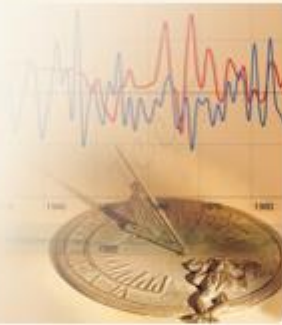
Best viewed with Google Chrome, IE 7.0 or higher with 1024 x 768 resolution.

<http://tccip.ncdr.nat.gov.tw>

What kind of information
can we get from TCCIP
Website?

► Past Climate in Taiwan

- Temperature
- Precipitation
- Humidity
- Wind Speed
- Sea Level Surface
- Typhoon



► Future Climate in Taiwan 2020-2099

- Spatial Distribution
- Change in Time Series



► Change in East Asian

- Temperature
- Precipitation
- Monsoon
- Typhoon



► Hydrological Change in Taiwan

- Analysis of Variation in the Past
- Projection for Future



Fluctuation of Climate for Taiwan in the past.(by regions, by variables, by periodsetc.)

Possible evolution of Climate for Taiwan in the future.(Temp. and Precip.)

Tendency of Climate around Taiwan in the past.(Temp., Precip., Typhoon activities, Monsoon)

Possible Changes of water resources in some river in Taiwan.

How do I use
the TCCIP Website?

- Make Good use of your mouse!

=>Wheel, Right Click

- **Explore** wherever you want in the website.
- Read “ **Taiwan Climate Change science report 2011** ” before/after checking this website.
- Pretend that you are a spongy, try to absorb what you have found in the website.
- **Raise questions and ask yourself, then make sure with TCCIP office.**

tccip.office@ncdr.nat.gov.tw

What should I remember
After visiting TCCIP Website?

It Depends.....
on the Frequency of
your visits

For Just 1 time:

It's a website that introduces the study of climate change for Taiwan, names TCCIP.

For 2 times:

Similar to just 1 time, actually.....

For more than 5 times:

- **You will know** where to find the data when you want to check **the evolution of temperature/rainfall (or something) in the past years for a local region in Taiwan.**
- **Regional projection results come from 24 GCM outputs by means of Downscaling method.**
- The average of downscaling results based on 24 GCM model outputs is so-called “**ensemble mean**”.

For more than 10 times:

- Different GCM will give you different results of projection for the same region.
- **The range of variability in between** downscaled results of projection based on **models outputs is quite huge sometimes.**
- **Projection** in the website is a set of downscaling results based on 24 GCMs, it **would not be decided by only single result. It's a probability problem.**
- **Projection is just a kind of scenario, not reality.**
- **Change rate is the overall result of a given period.**(20 years for example)
- **climate change projection is the combination of “ under the assumption of”**

for more than 20 times:

What you get
has gone beyond
my imagination!

Welcome to join in TCCIP
working group!

What kind of information
cannot be got After visiting
TCCIP Website?

- You cannot find Prediction of 2012 for Taiwan.
- You cannot find Projection of climate change for your house unless the area of your house covers more than 25Km x 25 Km.

Advanced Function for TCCIP Working Group

Summary

QR Code



The screenshot shows the homepage of the Taiwan Climate Change Projection and Information Platform. The header features the site's logo, which includes a colorful circular icon and the text '臺灣氣候變遷推估與資訊平台計畫' and 'TAIWAN Climate Change Projection & Information Platform'. Navigation links for 'Home', 'Site Map', 'Manual', '中文', and 'English' are in the top right. A Google Custom Search bar is also present. The main content area is divided into several sections: 'Past Climate in Taiwan' (listing Temperature, Precipitation, Humidity, Wind Speed, Sea Level Surface, and Typhoon), 'Future Climate in Taiwan 2020-2099' (listing Spatial Distribution, Change in Time, and Series), 'Change in East Asian' (listing Temperature, Precipitation, Monsoon, and Typhoon), and 'Hydrological Change in Taiwan' (listing Analysis of Variation in the Past and Projection for Future). A banner for the '2011 International Conference on Climate Change' is also visible. The footer contains logos of partner organizations, contact information for the National Science and Technology Center for Disaster Reduction, and a privacy policy link.

<http://tccip.ncdr.nat.gov.tw>

Thank You.