

PROGRESS ON CLIMATE RESEARCH IN THE PHILIPPINES 2015:

State of Knowledge from Series of Climate Conferences

A preliminary study prepared for Department of Science and Technology,
National Academy of Science and Technology (DOST-NAST)
for dissemination at the

4th National Climate Conference: Climate-related Risks and Disasters
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Climate Research in the Philippines 2015: State of Knowledge from Series of Climate Conferences

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Overview

It is evident that the Philippines is bearing the brunt of climate change, thus it is crucial to adapt at a pace comparable with its increasing impacts. In this regard, the Department of Science and Technology - National Academy of Science and Technology (DOST-NAST), Philippines is holding an annual national climate conference to discuss the climate knowledge in the country and determine the gaps in climate-related research and policies, as it recognizes the value of research and science in drawing long-term and sustainable solutions to climate change issues.

This report assessed the success of previous conferences since 2012 in providing a venue for sharing climate-related researches, while also determining the state of climate knowledge in the Philippines through the submitted researches and scientific papers.

Implications

- This will guide researchers in exploring climate-related themes that are least studied, such as Gender, Health, and Energy, and help them determine which parts of the Philippines are least explored in terms of climate-related researches.
- Supporting similar conferences and research endeavours can generate more knowledge on climate change and help bridge the science-policy gap in the country.

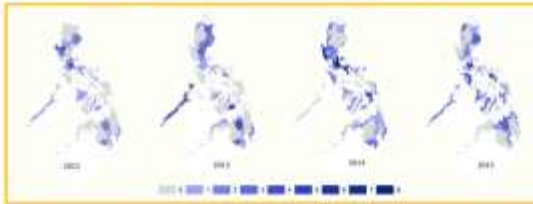
Primary Researchers

Affiliations of Authors per Conference



Academic institutions remain to be the highest contributor of climate-related researches.

Study Sites of the Submitted Researches (2012 – 2015)



- ◆ Total no. of study sites: 39 (2012), 52 (2013), 84 (2014), and 62 (2015)
- ◆ Few studies have been done in CAR (1), ARMM (1), Region 9 (2), and Region 18 (3) since 2012. Most studies were conducted in Region 3 (20) and Region 4A (36).
- ◆ In 2014, there is a sudden increase in the number of study sites in Leyte and surrounding provinces which can be attributed to the 2013 Typhoon Yolanda.

Locations of Participating Academic Institutions in the Philippines (2012 – 2015)



- ◆ Total no. of academic institutions: 18 (2012), 16 (2013), 34 (2014), and 31 (2015)
- ◆ Most of the academic institutions that submitted research were from the National Capital Region, Region 4A, and Region 6.

Most Researched Themes

	Top 1	Top 2	Top 3
2012	Climate Science	Food Security	Social and Migration
2013	Natural Ecosystem	Climate Science	Social and Migration
2014	Social and Migration	Disaster Risk Reduction	Food Security
2015	Economics of Mitigation and Adaptation	Social and Migration	Food Security

- Social and Migration was consistently among the top three most researched themes.
- The high frequency of studies on Social and Migration and DRR in 2014 may be attributed to the 2013 Typhoon Yolanda.
- The three least researched themes are on Gender, Health and Energy.

Research Themes per Conference



The overall top five most researched themes since 2012 are: (1) Social and Migration, (2) Food Security, (3) Climate Science, (4) Disaster Risk Reduction, and (5) Natural Ecosystem.

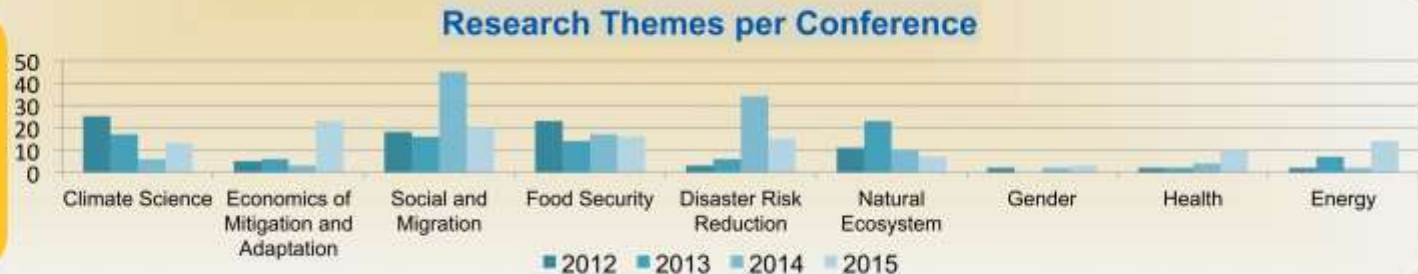
Background

- NAST - Philippines is holding **annual national climate conference** to discuss the climate knowledge in the country and determine the gaps in climate-related research and policies.
- This will guide researchers in **exploring climate-related themes** that are least studied, such as Gender, Health, and Energy, and help them determine which parts of the Philippines are least explored in terms of climate-related researches.
- Supporting similar conferences and research endeavours can **generate more knowledge on climate change and help bridge the science-policy-action gap** in the country.



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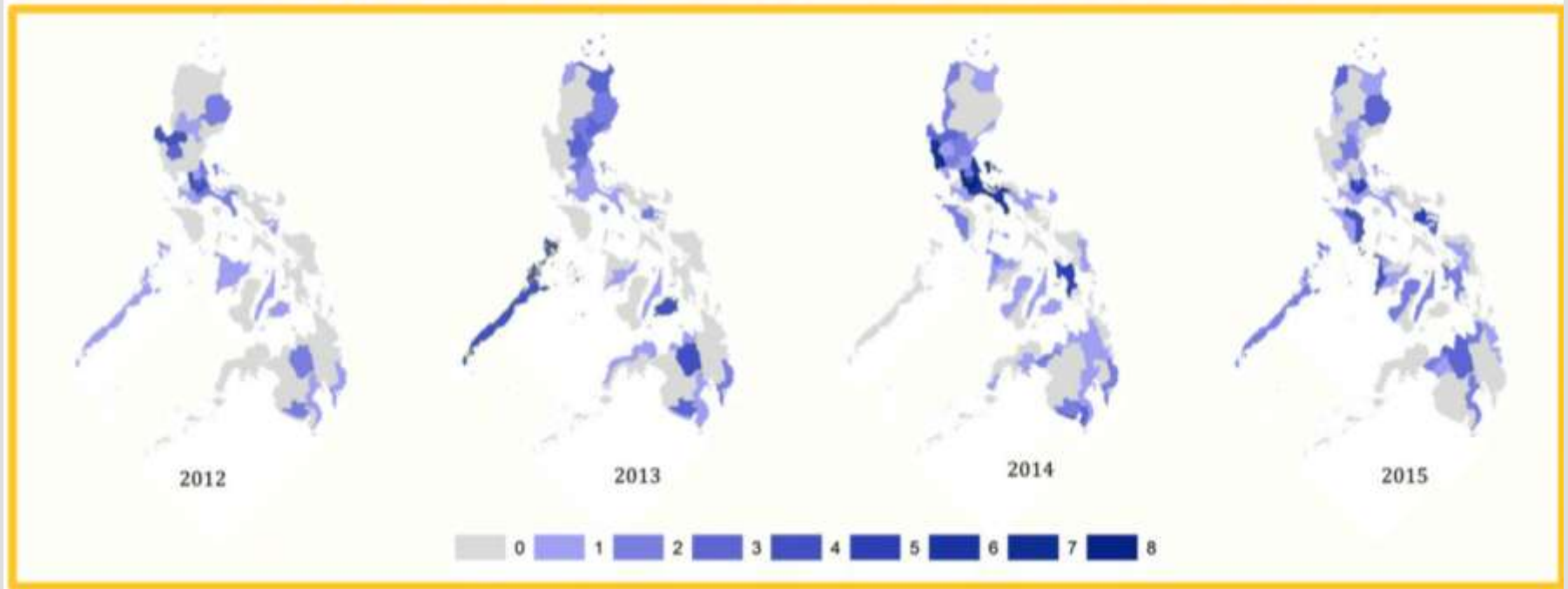
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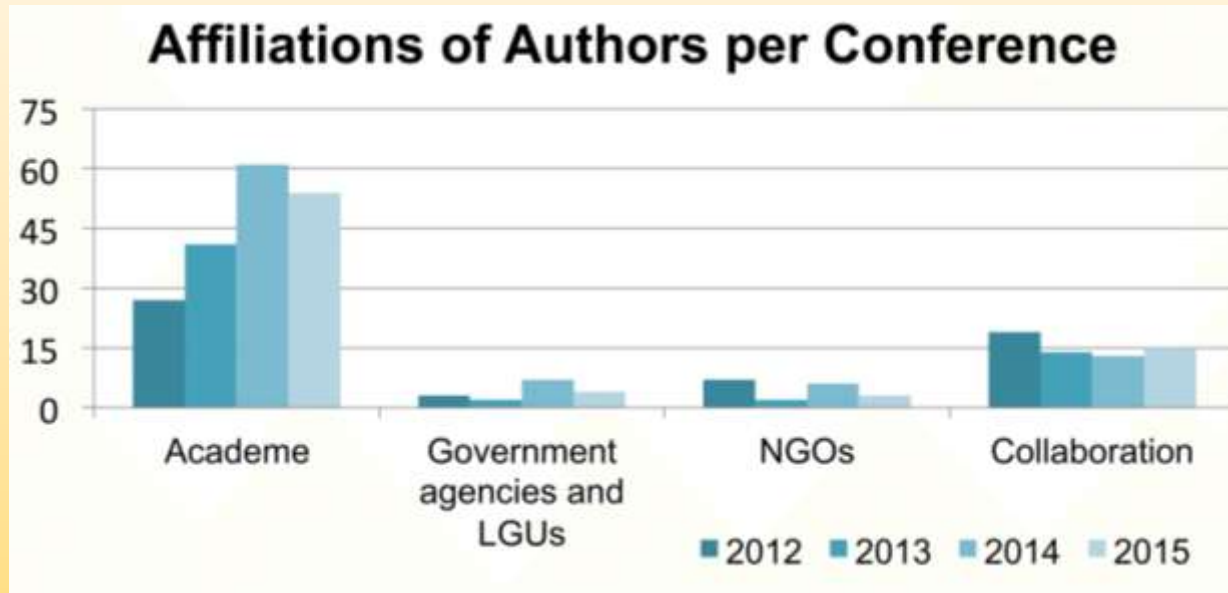
Study Sites

Study Sites of the Submitted Researches (2012 – 2015)



- Few studies have been done in **CAR** (1), **ARMM** (1), **Region 9** (2), and **Region 18** (3) since 2012.
- Most studies were conducted in **Region 3** (28) and **Region 4A** (36).
- In 2014, there is a sudden **increase in the number of study sites in Leyte and surrounding provinces** which can be attributed to the 2013 Typhoon Yolanda.

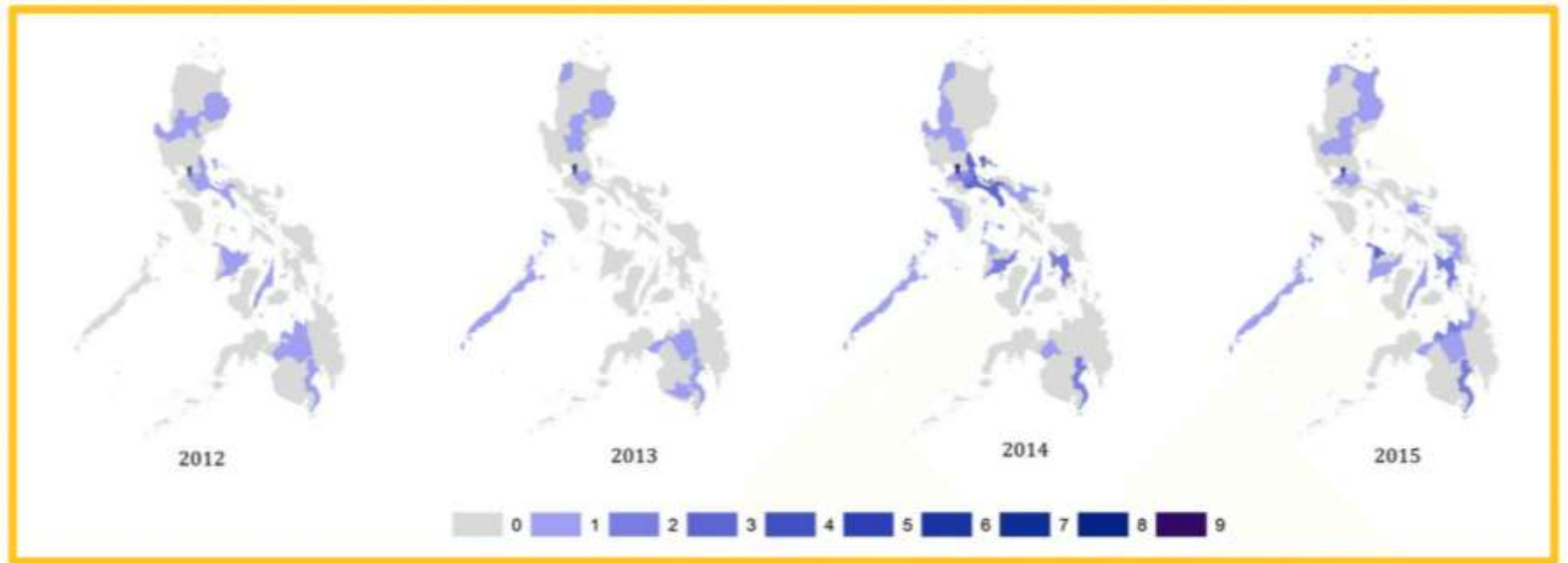
Primary Researchers



- **Academic institutions** remain to be the highest contributor of climate-related projects.
- It is followed by contributions from **collaborative projects of academe-NGO, NGO-LGU, academe-LGU, etc.**

Academic Institutions

Locations of Participating Academic Institutions in the Philippines (2012 – 2015)



- Total no. of academic institutions: **18** (2012), **16** (2013), **34** (2014), and **31** (2015)
- Most of the academic institutions that submitted research were from the **National Capital Region, Region 4A, and Region 6.**

**Full report including conference statistics will be
made available on the our website:**

www.omlopezcenter.org

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