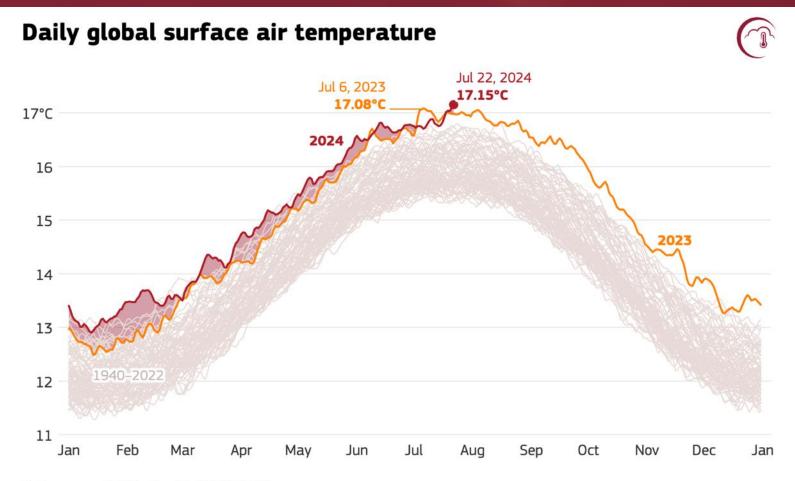
# Moving Forward in Addressing Climate Change

**RODEL D. LASCO** 



### New record daily global average temperature reached in July 2024







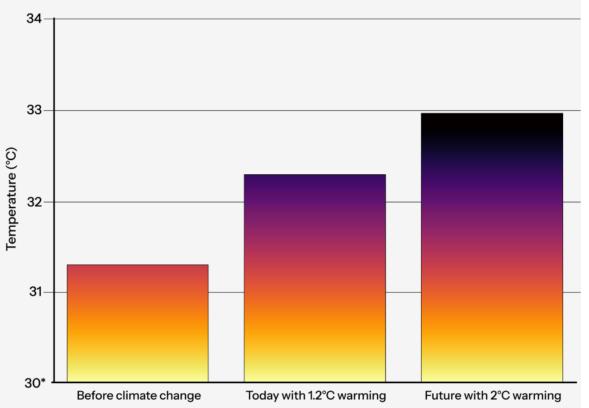






## Today's heat wave is hotter by 1.2°C because of climate change

How has climate change influenced the most intense 15-day heatwaves in the Philippines?



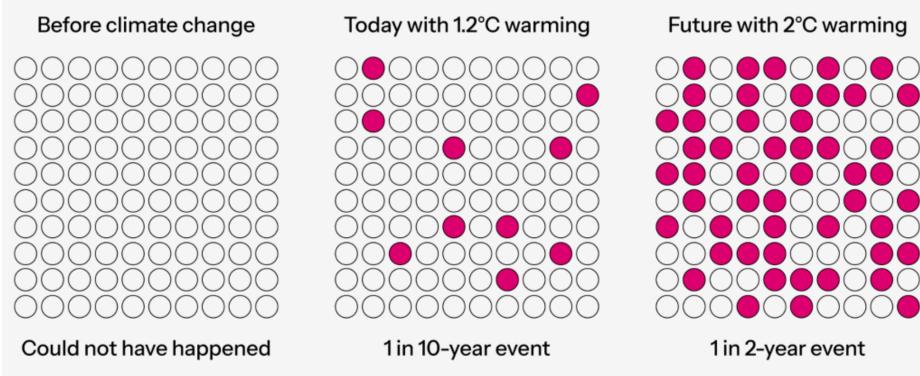
Zachariah et al., 2024





#### Heat waves will become more common

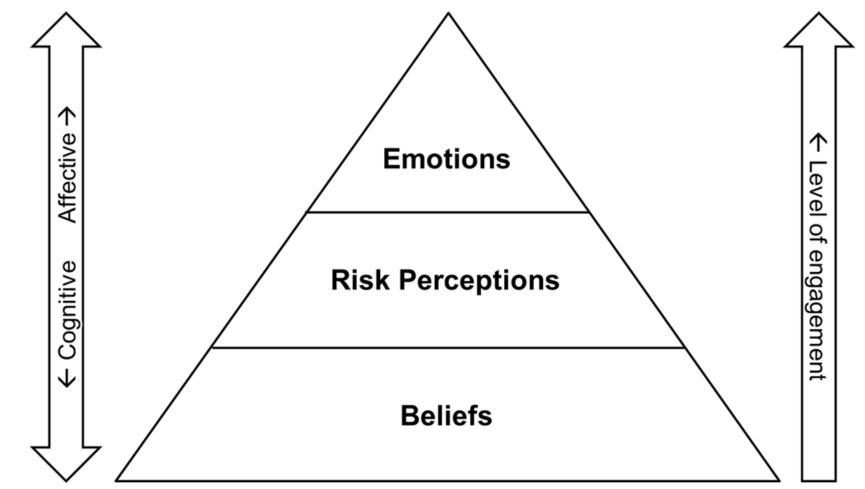
### How often should we expect similar 15-day heatwaves in the Philippines?







### Comprehensive model of climate engagement (Poortinga et al., 2023)





#### Communicating The Latest in Climate Science

- Patterned after the Intergovernmental Panel on Climate Change (IPCC)
   Assessment Reports
- Synthesis of scientific information from peerreviewed publications and technical reports



NAST 2021 Awardee: Outstanding Book and/or Monograph Award - Special Citation

#### Philippine Climate Change Assessment Cycle 2

Coming soon this year!





#### **OML Legacy Lectures**

 The Lectures expose audiences to relevant sustainability and resilience lessons whose themes are inspired by OML's own values and initiatives.



#### Mga Kwento ng Klima Short Films

- The competition aims to generate climate stories told from the local context, highlighting unique climate realities and notions of resilience, in local languages.
- The top ten films available to stream for free on iWantTFC.

### A UNDP-funded Project: Impact



Republic of the Philippines
Department of Environment and Natural Resources
Visayas Avenue, Diliman, Quezon City
Tel. Nos.929-6626 to 29; 929-6633 to 35
926-7041 to 43; 929-6252; 929-1669
Website: http://www.denr.gov.ph/E-mail: webildenr.gov.ph

JUL 13 2021

DENR Administrative Order No. 2021- 22

SUBJECT

GUIDELINES ON MAINSTREAMING, CASCADING AND INSTITUTIONALIZING CLIMATE CHANGE CONCERNS IN THE ENVIRONMENT AND NATURAL RESOURCES (ENR) PRIORITY PROGRAMS

Pursuant to Executive Order 192, s. 1987 or the Reorganization Act of the DENR, Republic Act No. 9729, or the Climate Change Act of 2009, and Section 2(g) of Republic Act No. 10121, or the Philippine Disaster Risk Reduction and Management Act of 2010, there is a need to integrate climate change and disaster risk reduction in the development processes such as policy formulation, socio-economic planning, budgeting and governance. The following guidelines on mainstreaming, cascading and institutionalizing climate change concerns in the environment and natural resources (ENR) priority programs are hereby issued for the guidance and compliance of all concerned:

#### Section 1. Basic Policy

It is the policy of the State to provide the full protection and the advancement of the right of the people to a balanced and healthful ecology in accord with the rhythm and harmony of nature. As such, the State shall establish the guidelines in order to mainstream climate change concerns in the environment and natural resources (ENR) priority programs.

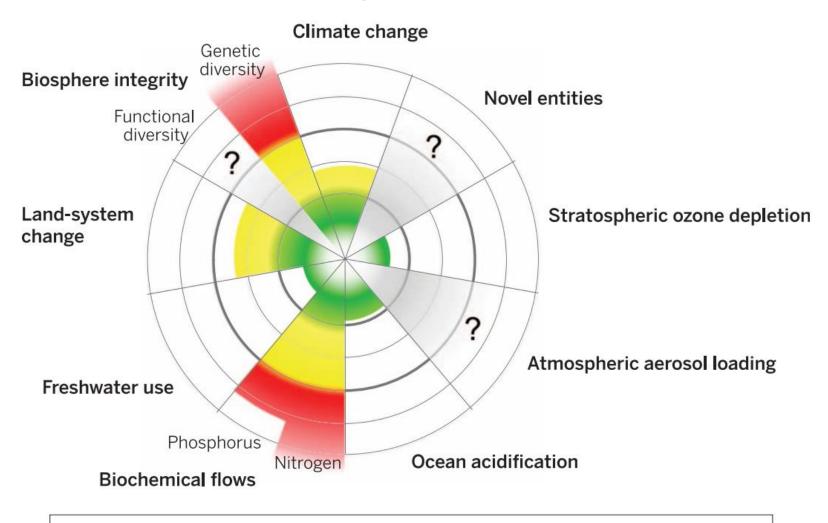
- DENR Administrative Order 2021-22
- Institutionalized the use of a climate responsiveness criteria

#### **Additional Thoughts**

- Role of the academe and research-- assessing risks, uncertainty, miti/adap options
- Access to information by local people and organizations
- Science community and decision makers dialogues—misconceptions exist on both sides
- The role of the private sector is critical-- there are hopeful signs for conglomerates; SMEs more vulnerable



#### It's not just climate change



Below boundary (safe)

Boundary not yet quantified

Beyond zone of uncertainty (high risk)

In zone of uncertainty (increasing risk)

Steffen et al., 2015



