26 FEBRUARY 2021
COUNTRY REPORT IN THE AWCI SESSION FOR 13TH AOGEO SYMPOSIUM

PLATFORM ON WATER RESILIENCE AND DISASTERS IN THE PHILIPPINES

DOST XI: Department of Science & Technology, Region XI

PAGASA: Philippine Atmospheric, Geophysical and Astronomical Services Administration

DPWH: Department of Public Works and Highways

UPLB: The University of the Philippines Los Baños

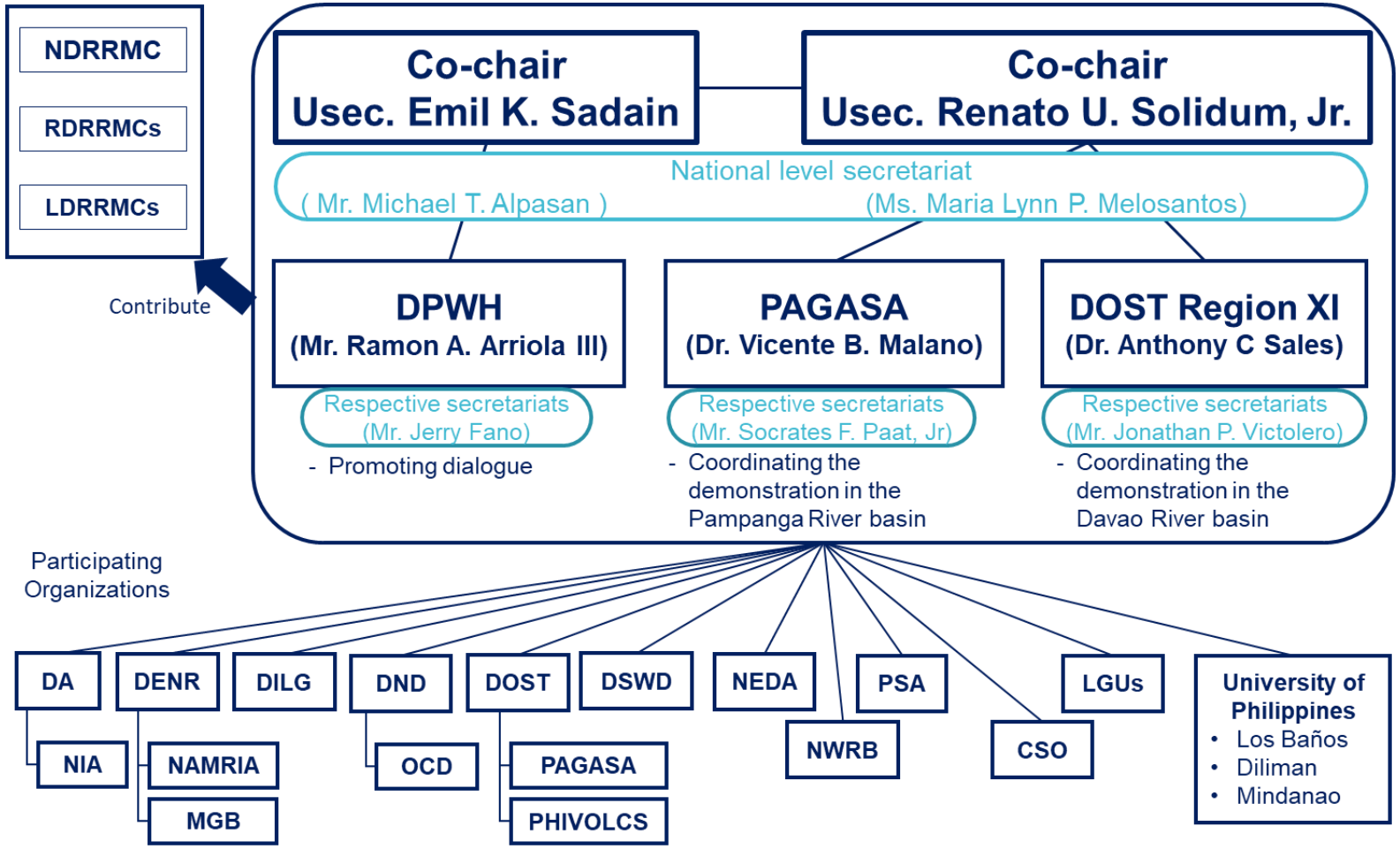
AO GEO Earth Observations for Asia-Oceania

GEO GLOWS

Asian Water Cycle Initiative

THE PLATFORM STRUCTURE

Institutional Structure



PROGRESS OF PLATFORM

- **1st Plenary Meeting** — Concept sharing
  13/3/2017, Metro Manila — Platform formulation
- **2nd Plenary Meeting** — Data sharing guideline
  15/6/2017, Metro Manila — Data list creation
- **Representative Meeting** — Data list confirmation
  18/9/2017, Hanoi
- **Individual Meeting** — Secretariat assignment
  7-9/2/2018, Metro Manila — Data collection
- **Individual Meeting** — Secretariat assignment
  12-13/3/2018, Metro Manila — HLPW outcome document
- **Stakeholders Meeting** — Data upload
  18/5/2018, Davao
- **11th GEOSS Symposium** — Regional coordination
  24-26/10/2018, Kyoto
- **3rd Plenary Meeting** — Implementation
  7/2/2019, Metro Manila
- **Orientation on CC** — Capacity development
  25/10/2019, Davao City
- **Designing WS Meeting** — Program Design for Implementation
  18/11/2020, Online

Concept of Platform

Proposed Platform on Water Resilience and Disasters
as part of the National Platform for Disaster Risk Reduction
(draft)

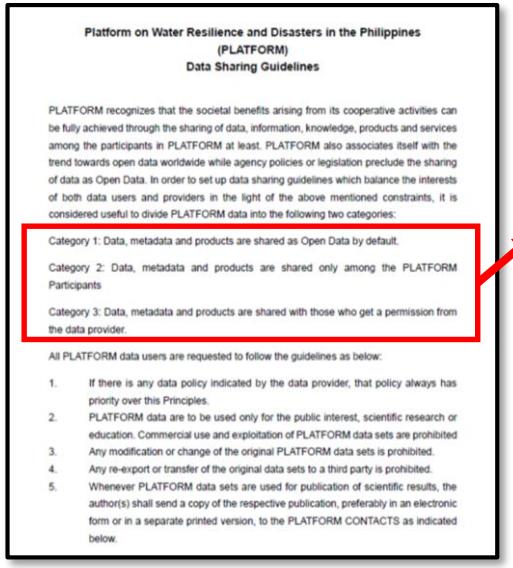
Vision
Platform envisions a future wherein decisions and actions for reducing water-related disaster risk are well supported by coordinated, comprehensive and sustained risk communication.

Mission
To realize its Vision, Platform works to connect the demand for sound and timely decisions and actions taken by policy-makers and local communities with the supply of disaster risk information that is generated from integrated risk assessment and risk change identification based on well archived data and statistics. In doing so, Platform strengthens data integration and analysis functions by facilitating data and information accessibility and application to decisions and actions within and across many different stakeholders.

Scope
Decisions and actions for reducing risk on water-related disasters, including floods, landslides and droughts, rely, and will continue to rely, on the ability of expert communities to collect and archive data from various sources and combine these with social and economic analyses. Platform strengthens experts' capability of data collection and archiving, integrated assessment and risk change identification and stakeholders' capacity for making maximum use of these data and information provided from the experts. Platform contributes to institutional and infrastructural design and investment including land use management and climate change adaptation (static approach) and to effective response and recovery (dynamic approach).

Implementation Strategy and Schedule
Platform follows the IFI spiral-up implementation strategy and works in tandem with International Decade for Action, "Water for Sustainable Development", 2018-2028. In its demonstration phase, Platform focuses on two river basins, the Pampanga and the Davao; develops data integration and analysis functions by which the stakeholders work together with science communities at local and national levels; creates actionable information supporting in policy-making and community of practice; reflects integrated data and information to institutional and infrastructure designs and community actions;

Data Sharing Guideline



Platform on Water Resilience and Disasters in the Philippines
(PLATFORM)
Data Sharing Guidelines

PLATFORM recognizes that the societal benefits arising from its cooperative activities can be fully achieved through the sharing of data, information, knowledge, products and services among the participants in PLATFORM at least. PLATFORM also associates itself with the trend towards open data worldwide while agency policies or legislation preclude the sharing of data as Open Data. In order to set up data sharing guidelines which balance the interests of both data users and providers in the light of the above mentioned constraints, it is considered useful to divide PLATFORM data into the following two categories:

Category 1: Data, metadata and products are shared as Open Data by default.

Category 2: Data, metadata and products are shared only among the PLATFORM Participants

Category 3: Data, metadata and products are shared with those who get a permission from the data provider.

All PLATFORM data users are requested to follow the guidelines as below:

1. If there is any data policy indicated by the data provider, that policy always has priority over this Principles.
2. PLATFORM data are to be used only for the public interest, scientific research or education. Commercial use and exploitation of PLATFORM data sets are prohibited
3. Any modification or change of the original PLATFORM data sets is prohibited.
4. Any re-export or transfer of the original data sets to a third party is prohibited.
5. Whenever PLATFORM data sets are used for publication of scientific results, the author(s) shall send a copy of the respective publication, preferably in an electronic form or in a separate printed version, to the PLATFORM CONTACTS as indicated below.

Category 1:
Fully open

Category 2:
Among Platform

Category 3:
With permission

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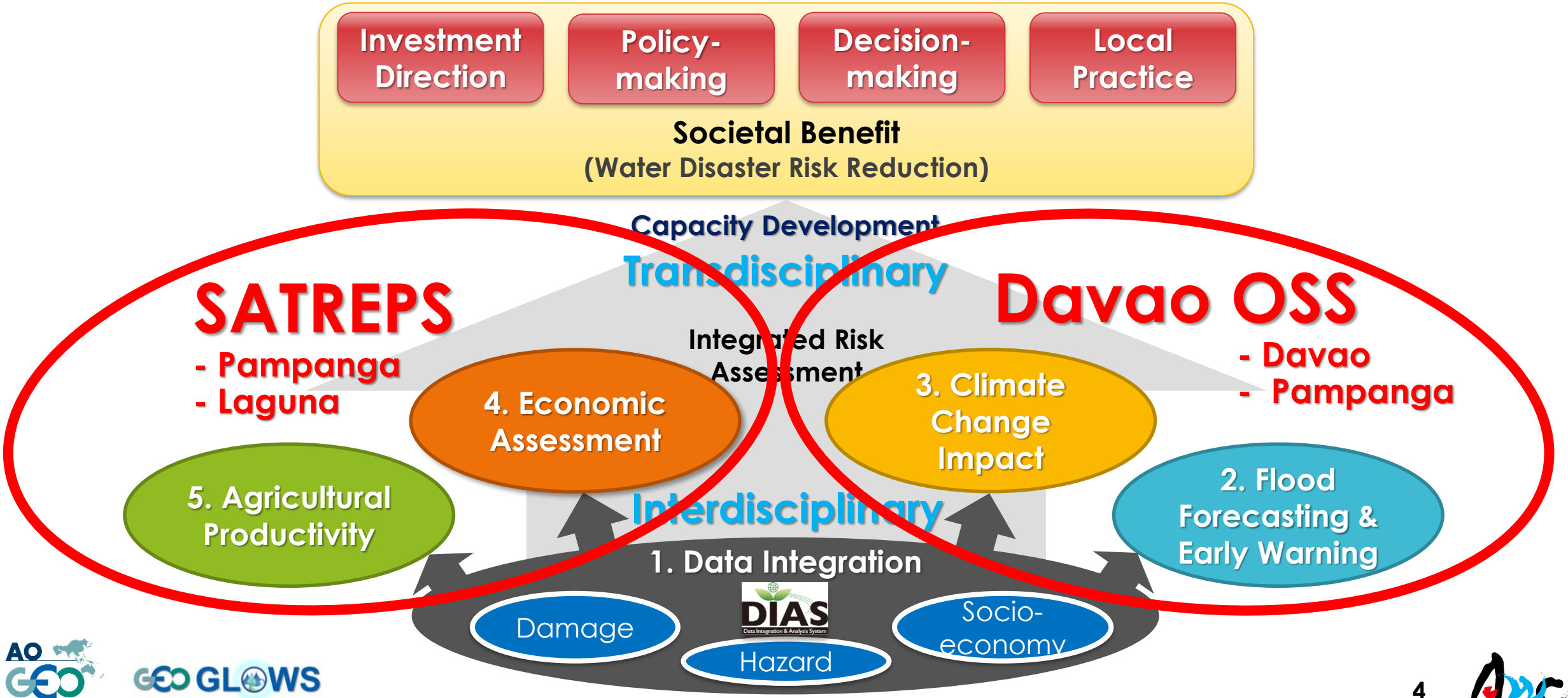
THE PLATFORM ACTIVITY PLAN



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COMPOSITION OF THE COUNTRY REPORT FROM THE PHILIPPINES

1. **Quick Review** (this presentation)
   Mamoru Miyamoto, ICHARM
2. **Davao River Basin Management**
   Anthony Sales, DOST XI
3. **Overview of Ty Ulysses**
   Socrates Paat, PAGASA
4. **Plans and Programs for Ty Ulysses**
   Jerry Fano / Michael Alpasan, DPWH
5. **Analysis of Ty Ulysses based on SATREPS Activity**
   Patricia Ann Sanchez, UPLB